Phase 1 Environmental Site Assessment
2113 Carp Road, Ottawa, Ontario
FINAL REPORT

Prepared for

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Executive Summary

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Myers Automotive Group (Myers) to conduct a Phase 1 Environmental Site Assessment (ESA) for the property located at 2113 Carp in the City of Ottawa, Ontario (the 'Site'). The site consists primarily of a vacant vegetated field with a storage trailer, advertising sign, and minor wooded areas. The total area of the Site is approximately 1.87 hectares (ha).

It is understood that Myers requires the Phase 1 ESA for due diligence purposes, prior to potentially purchasing the subject property, and in support of a potential Site Plan submission to the City of Ottawa in the future.

During the site reconnaissance and when gathering background information, data was collected for both 2113 and 2125 Carp Road; the Phase 1 ESA covers findings for only 2113 Carp Road. The information gathered for 2125 Carp Road does not affect the outcome of the findings for the Phase 1 ESA.

The Phase 1 ESA has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09. The Phase 1 ESA is also in general compliance with CSA Z768-01 (R 2006), and CHMC Standard 11 9907-02, 1993.

The Phase 1 ESA study area includes all properties within 250 m of the subject Site.

No potentially contaminating activities (PCAs) were identified on, in, or under the Phase 1 ESA property.

Potentially contaminating activities (PCAs) in the Phase 1 ESA study area are as follows:

- 2125 Carp Road:
    - Fuel staining observed in the attached garage and storage shed
    - Exterior storage of empty fuel tanks from vehicles
- 2141 Carp Road – TSSA Expired Facility and 3 underground fuel storage tanks (USTs)
- 2145 Carp Road – Historic Fuel Storage Tanks (4 USTs), current gas station (tank listed for 2141 are likely on 2145 Carp Road)

The fuel staining found in the storage shed and garage on the adjacent property do not represent an area of significant environmental concern for the subject property. Due to the separation distance and/or cross-gradient or downgradient location of these PCAs with respect to the Site, they are not considered to represent an environmental concern.

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1.0 INTRODUCTION

1.1 General

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by Myers Automotive Group (Myers) to conduct a Phase 1 Environmental Site Assessment (ESA) for the property located at 2113 Carp in the City of Ottawa, Ontario (the 'Site'). The main Site features include vacant vegetated areas including a field with grasses and shrubs and forested areas. The total area of the Site is approximately 1.87 hectares (ha). The Site location is indicated on Figure 1 (Site Location Map). The Site layout and major surface infrastructure features are indicated on Figure 2 (Site Layout Plan/Aerial Photograph).

During the site reconnaissance and when gathering background information it was assumed that a Phase 1 ESA was required for both 2113 and 2125 Carp Road; the Phase 1 ESA covers findings for only 2113 Carp Road. The information gathered for 2125 Carp Road does not affect the outcome of the findings for the Phase 1 ESA.

It is understood that Myers requires the Phase 1 ESA for due diligence purposes, prior to potentially purchasing the subject property, and in support of a potential Site Plan submission to the City of Ottawa in the future.

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

The intended future use of the Site is commercial use (car lot). Long-term redevelopment plans for the site are not currently finalized.

1.2 Phase 1 Property Information

1.2.1 Property Identification

The municipal address for the subject property is 2113 Carp Road, Ottawa, Ontario. The legal descriptions of the properties are as follows:

> **2113 Carp Road: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7; and Rp 4R23651 Parts 1 And 5 PINS 045361338 & 045361341**

1.2.2 Property Ownership and Contact Details

The property at 2113 Carp Road is currently owned by J Laurysen Investments. McIntosh Perry is working for Myers Automotive Group and their contact person is David Traher who can be contacted at Myers (Telephone 613-225-2277).

1.2.3 Current and Proposed Future Uses

The Site is currently an unoccupied field vegetated with grass and shrubs and some forested areas. There is a small pond located along the western boundary of the site.

Based on the information provided to us, it is our understanding that a commercial use (car lot) will be added to the property. Long-term redevelopment plans for the site are not currently finalized.

1.3 Surrounding Land Use

Surrounding land uses include:

- North –Residential, Commercial (gas station, property management company)
- East – Community (Carp Rd., Westbrook Rd.) parking lot (OC Transpo park-and-ride)
- West – Vacant (forested, small pond)
- South – Community (Westbrook Rd.) and commercial properties (Convoy Supplies Ltd.).

2.0 SCOPE OF INVESTIGATION

A Phase 1 ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site based on a desk top review of available documentation 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. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase 1 ESA.

The Phase 1 ESA has been prepared in general accordance with the requirements of the following legislation:

- **Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09.**

The report is also in general compliance with:

- "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) Standard CSA Z768-01 (Reaffirmed 2006).
- "Environmental Site Investigation Procedures, Phase I Environmental Site Assessments", Canadian Mortgage and Housing Corporation (CHMC) standard 11 9907-02, 1993. PHASE I ESA - Scope of Work.

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 1 ESA Study Area Determination

The Phase 1 ESA study area includes the following properties:

- The subject property (interior and exterior).
- All properties within 250 m of the subject property boundaries.

3.1.2 First Developed Use Determination

Based on review of aerial photographs and review of historical information, the Site has never been developed, and was likely used for agricultural purpose in the 1950's. This determination is supported by the Aerial Photographs included as Appendix A.

3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans was not searched by McIntosh Perry. Given the rural location of the Site, it is our understanding that fire insurance plans were not available for the Phase 1 ESA study area.

3.1.4 Chain of Title

A land title search for the subject property was completed by Levac Robichaud Leclerc Associates Ltd. as a component of Phase 1 ESAs previously completed for the Site (the Phase 1 ESAs by Levac are discussed further in Section 3.1.6). According to their findings, there was no mention of companies or site uses that might have posed environmental concern over the past 43 years and that the property was purchased by OZ optics in 2000. According to our client, the current owner of the subject property is J Laurysen Investments; an up-to-date chain of title was not obtained.

In the event that a Record of Site Condition (RSC) is required for the site, an up to date land title search and the Legal Plan would be required.

3.1.5 Environmental Reports

A request was submitted to the MOECC Freedom of Information office for any information pertaining to the Site. The MOECC FOI search results returned no records for the subject property.

An MOECC Index Review Report request was submitted on April 7, 2017. At the time of writing there have been no official responses from the MOECC (the turn-around-time for MOECC Index Review Reports is typically one to two months).

An FOI request was also submitted to the Technical Standards and Safety Authority (TSSA). Email correspondence from TSSA indicates that they have no records of any fuel storage tanks at the subject property.

An FOI request was submitted to the City of Ottawa. At the time of writing there has been no official response from the City of Ottawa (the request was submitted on April 28, 2017).

A copy of all the above-noted correspondence is found in Appendix B.

3.1.6 Former Reports

The following Phase 1 ESA reports were available for review as part of this assessment:

- '***Phase I – Environmental Site Assessment, 2113 Carp Road, Plan M-300 Block 1, Carp, Ontario*** ', prepared by Levac Robichaud Leclerc Associates Ltd. (LRL), dated May 2004.
- '***Phase I – Environmental Site Assessment, 2125 Carp Road, Stittsville, Ontario***,' prepared by LRL, dated September 2008. (Adjacent property)

The previous Phase I ESA for 2113 Carp Road (May 2004) indicates that the property has been vacant since at last the mid 1960s and was used for farmland in the past. No environmental concerns were identified on the subject property. A gasoline service station (150 m) and a landfill (2 km) were identified to the north of the subject property, but were not considered to represent significant environmental concern to the subject property.

The previous Phase I ESA for 2125 Carp Road (September 2008) indicates that the residence on the property had been present since 1975, but was vacant at the time of the sire reconnaissance; prior to 1975, the subject property was used as farm land. No environmental concerns were identified on the subject property. A gasoline service station (25 to 50 m) was identified to the northeast of the subject property, it was not considered to represent significant environmental concern to the subject property as it is located downgradient of the site. Due to the age of the residence on the subject property, the Phase I ESA identified the potential for designated substance to be present. It was recommended that sampling be performed if demolition or construction activities are to occur.

A geotechnical investigation was completed by Neil Levac & Associates Ltd., for OZ Optics Ltd., in 2001 for 2113 Carp Road ***'Geotechnical Investigation, Proposed Corporate Centre, Corner of Carp Road & Westbrook Road, Old Township of West Carleton, Newly amalgamated City of Ottawa, Regional Municipality of Ottawa Carleton'*** February 2001.

The geotechnical investigation was completed to investigate the area of a proposed commercial building. Soils on site consisted of a layer of sand and gravel fill between 0.6 and 1.5 m deep, underlain by sandy soil deposits (fine sand and silty sands). Practical refusal on inferred bedrock was encountered between 12.0 and 12.4 meters below ground surface; a thin layer of glacial till was observed above the inferred bedrock.

A limited geotechnical investigation was completed by Levac Robichaud Leclerc Associated Ltd, For Laurysen Kitchens Ltd., in 2008 for 2125 Carp Road ***'Limited Geotechnical Investigation, Proposed Commercial Development, 2125 Carp Road, Stittsville, Ontario'*** December 17, 2008.

The purpose of the geotechnical investigation was to establish the presence and thickness of fill material within the location of the former pond in the south half portion of the lot. Test pitting was completed in the

area where it was anticipated that a pond had been backfilled. A total of six test pits were completed; fill (sand and gravel or sand, silt and clay with gravel) was encountered in all test pits to a depth of between 1.2 m bgs to 4.5 m bgs. The fill material was underlain by native medium grained sand.

3.2 Environmental Source Information

McIntosh Perry personnel completed a records review to obtain information about the subject property 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 EcoLog 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 EcoLog ERIS report which is included as Appendix C.

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 1 ESA

The databases searched by EcoLog ERIS contained the following information pertaining to properties within a 250 metre radius of the edge of 2113 and 2125 Carp Road.:

- Sixteen Borehole Records
- One Environmental compliance Approval
- Eight ERIS Historical Searches

- Eleven TSSA Expired Facilities
- Three Fuel Storage Tanks
- Two Fuel Storage Tanks – Historic
- One Record of Site Condition
- Five Scott's Manufacturing Directory record
- Two Ontario Spill Records
- Twenty-Four Water Well Information System Records

Pertinent information from the EcoLog ERIS report is summarized as follows:

Borehole Records

Sixteen borehole records were located within 250 m of the subject property. The following list/table summarizes the details of each borehole:

Table 1: Borehole Record

Borehole ID	Location relative to site	Completion Depth (m bgs)	Depth to Bedrock (m bgs)
BORE-060900	North	32.9	13.4
BORE-609599	Northeast	38.1	17.1
BORE-609603	Northeast	7.9	7.9
BORE-609606	North	43.0	15.8
BORE-848666	Northwest	11.1	n/a
BORE-848667	Northwest	6.6	n/a
BORE-609592	Southeast	17.1	17.1
BORE-848665	North	16.7	13.6
BORE-847939	Northwest	9.5	n/a
BORE-847937	North	17.1	14.0
BORE-609605	Northwest	35.4	18.9
BORE-847936	North	11.2	n/a
BORE-847938	North	13.6	n/a
BORE-847940	North	7.5	n/a
BORE-847935	North	8.2	n/a
BORE-847934	North	15.1	12.8

The average depth of completion for the boreholes 5.2 metres below ground surface (m bgs). The average depth to bedrock in the boreholes was 7.7 m bgs.

Environmental Compliance Approval

No Environmental Compliance Approval (ECA) records were returned for the Site. One ECA was listed in the EcoLog ERIS report, for properties within 250 m of the Site:

- A waste management system ECA is listed for the City of Ottawa; located at 200 Westbrook Road. The ECA (0820-A4LJ4E) is for wastewater infrastructure works establishment of stormwater management works for the collection, storage, treatment and disposal of stormwater run-off and snowmelt run-off for the Carp Snow Disposal Facility. Approval was granted on April 28, 2016.

This ECA is not considered to represent environmental concerns to the Site, as it does not appear to have been constructed. Note: A copy of the ECA is included in Appendix D - Additional Information, where available.

ERIS Historical Searches

The EcoLog ERIS report indicates that there were eight Environmental Risk Information Services (ERIS) Historical searches performed for properties located within 250 m of the subject property:

- A custom report for 2125 Carp Rd., in 2009.
- A standard report for 2141 Carp Rd., in 2013.
- A custom report for 195 Carp Rd., in 2014.
- A standard report for 197 Westbrook Rd., in 2013.
- A standard report for 197 Westbrook Rd., in 2016.
- A custom report for 103 Walgreen Rd., in 2014.
- A custom report for Carp Rd. and Highway 417, in 2013.
- A complete report for 2110 Carp Rd., in 2008.

TSSA Expired Facilities

No TSSA Expired Facility records were returned for the Site. Eleven TSSA Historical Incident were listed within 250 m of the subject property. All of the records were listed for 2141 Carp Road, under APOS Convenience Ltd. Anand Bansal. The records were for the following:

- Expired FS Propane Refill Centre
- Expired FS Liquid Fuel Tanks (four records)
- Expired FS Piping (two records)
- Expired Gasoline Station - liquid fuel tanks (four records)

Fuel Storage Tanks

No fuel storage tank records were returned for the Site. Three fuel storage tank records listed within 250 m of the subject property. All three records were for 2141 Carp Road, listed under 1287438 Ontario Ltd. The records were for the following tanks:

- One active 25,000 L double walled underground storage tank (UST) for gasoline, installed in 2004
- One active 25,000 L double walled underground storage tank (UST) for diesel, installed in 2004
- One active 50,000 L double walled underground storage tank (UST) for gasoline, installed in 2004

This record is not considered to represent an environmental concern to the Site as 2141 Carp Road is located downgradient to the subject property.

Historic Fuel Storage Tanks

No historic fuel storage tank records were returned for the Site. Two historic fuel storage tank records were listed within 250 m of the subject property. Both records were for 2145 Carp Road, listed under APOS Convenience Ltd Anand Bansal. The records were as follows:

- As of August 2007:
    - Two 35,000 L Single Walled Gasoline USTs – removed
    - One 25,000 L Single Walled Gasoline UST – removed
    - One 25,000 L Single Walled Diesel UST – removed
- As of August 2008:
    - One 25,000 L Double Walled Gasoline UST – Active
    - One 25,000 L Double Walled Diesel UST – Active
    - One 50,000 L Double Walled Gasoline UST – Active

*The active tank records appear to for the same tanks listed above at 2141 Carp Road

This record is not considered to represent an environmental concern to the Site as 2141 Carp Road is located downgradient to the subject property.

Scott's Manufacturing Directory

No Scott's Manufacturing Directory records were returned for the subject site. Fiver Scott's Manufacturing Directory records were listed within 250 m of the subject property. The records are presented in the table below:

Table 2: Scott's Manufacturing Directory

Company	Address	Year	Plant Size (ft^2)/ # Employees	Description
Gentian Electronics Ltd. (three records)	195 Westbrook Road.	1977	3600 / 5	Computer and peripheral equipment manufacturing, Semiconductor and other electronic component manufacturing
NORUPS Inc.	103 Walgreen Rd.	1977	1000 / 4	Industrial and commercial fan and blower and air purification equipment manufacturing, Small electrical appliance manufacturing, Household appliance wholesaler-distributors, Electrical wiring and construction supplies wholesaler-distributors, Industrial machinery, equipment and supplies wholesaler-distributors, Computer peripheral equipment, Relays and industrial controls, Electrical machinery, equipment, and supplies, not elsewhere classified, Computers and computer peripheral equipment and software, electrical apparatus and equipment, wiring supplies, and construction materials, Computer and peripheral equipment manufacturing, Switchgear and switchboard, and relay and industrial control apparatus manufacturing, All other electrical equipment and component manufacturing
Luxcom Technologies Inc.	102 Walgreen Rd.	1987	3000 / n/a	Semiconductor and other electronic component manufacturing

These records are not considered to represent environmental concerns to the Site.

Ontario Spills

Two Ontario Spills records were listed for the area. They are summarized in the table below:

Table 3: Spill Records

Company	Address	Year	Incident
Transport Truck	Carp Road at 417	1999	Transport Truck overturned – spilling gasoline to soil and roadway – environmental impact possible to soil
Mulroney Trucking	Carp Road at 417	2004	15 gallon of hydraulic fluid spilled to the ground from motor vehicle – environmental impact not anticipated

Off-site spills are not considered to represent environmental concerns to the subject site. These spills are located greater than 250 m from the subject property.

Water Well Information System

Twenty-four Water Well Information records are listed within 250 m of the subject property. The location of the water wells are indicated on the site diagram included in the EcoLog ERIS Report (Appendix C). The table below summarizes the details of each well.

Table 4: Well Records

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
1503109	Bedrock	17.1	Limestone	21.3	Domestic	9.1	Clear	Sulphur
1510764	Bedrock	13.4	Limestone	32.9	Domestic	8.2	n/a	Fresh
1503110	Bedrock	17.1	Limestone	38.1	Domestic	7.9	Cloudy	Fresh
1503103	Bedrock	14.6	Limestone	22.6	Domestic	8.2	Cloudy	Fresh
1532971	Abandoned – no data							
1515112	Bedrock	6.1	Limestone	37.8	Industrial	6.1	n/a	Fresh
1532968	Abandoned – no data							
1532970	Abandoned – no data							

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
1503056	Overburden	n/a	n/a	10.1	Public	3.7	Clear	Fresh
1517780	Bedrock	8.8	Limestone	18.3	Domestic	4.6	Clear	Fresh
7188050	Overburden	n/a	n/a	6.71	Test Hole	n/a	n/a	n/a
7188051	Bedrock	9.45	Limestone	13.1	Monitoring & Test Hole	n/a	n/a	n/a
1532967	Abandoned – no data							
1503108	Bedrock	15.8	Limestone	42.9	Domestic	9.8	Clear	Sulphur
1532966	Abandoned – no data							
7237332	Overburden	n/a	n/a	6.1	Test Hole	n/a	n/a	n/a
7179769	Abandoned – no data			1.23	Abandoned – no data			
1514202	Bedrock	2.4	Limestone	28.7	Domestic	3.7	Cloudy	Fresh
7117411	Overburden	n/a	n/a	2.13	Test Hole	n/a	n/a	n/a
7042569	Bedrock	2.44	Limestone	27.43	Test Hole	n/a	Cloudy	n/a
1503107	Bedrock	18.9	Limestone	35.4	Livestock	9.6	Clear	Sulphur
7233118	Overburden	n/a	n/a	4.6	Test Hole	n/a	n/a	n/a

3.2.3 Aerial Photographs

The following table describes observations about current and historical land uses for the Site and surrounding properties that were noted during review of aerial photographs of the area taken between 1955 and 2014. Aerial photographs are included in Appendix A. Current land use designations in the area where the Site is situated are included on Figure 4.

Table 5: Aerial Photographs

Date	Roll #	Observations
1955	A14755 Photo 117	The subject properties appear to be vacant and possibly used for agricultural or pasture land. The southern portion of the site is forested. The surrounding lands are mostly unoccupied; there are some residential properties in the area.
1976	Ottawa Geo-maps	The subject property is vacant and relatively unchanged from 1955. The residential building and storage shed are present on 2125 Carp. A pond is located on the western portion of the site. The residential properties are located to the northeast of the site. One building is located on 2141 Carp Road, 2145 Carp Road is vacant.
1987	A31497 Photo 66	There are no significant changes to the subject property since 1976. The gas station is now present at 2145 Carp Road. Some commercial buildings have been developed to the south of the site.
1991	Ottawa Geo-maps	There are no significant changes to the subject property since 1987. There does appear to be a billboard sign located on the northeast corner the site. The commercial area located to the south of the subject property is continuing to be developed, and Westbrook Road is present in its current configuration.
1999	Ottawa Geo-maps	There are no significant changes to the subject property since 1991. The Park and Ride is present to the north east of the subject properties.
2008	Ottawa Geo-maps	A new billboard sign appears to be present in the northeast corner of the site, no other significant changes to the subject property or surrounding lands since 1999.
2011	Ottawa Geo-maps	A portion of the pond located on the west portion of the site is now filled in. No significant changes to the subject property or surrounding lands since 2008
2016	Google Earth	There are no other significant changes to the subject property or surrounding lands since 2011. The cell phone tower is now present on 2125 Carp Road.

No new items of potential environmental concern were identified on the subject property from the review of historical aerial photographs.

3.2.4 Topography

The elevation on-site approximately 128 m asl and relatively flat.

The surrounding area is also generally flat-lying and slopes gently to the north-northeast towards Highway 417. Figure 5 depicts the topography for the area.

3.2.5 Hydrology

The subject site is located within the Ottawa River watershed. Surface water flow in the area is generally to the north, towards the Carp River.

Surface drainage on the property consists of infiltration in permeable areas and surface flow to the north-northeast toward ditches located along Carp Road.

A portion of a small pond is located on the western portion of the subject property. The remainder of the pond is located off site, on the adjacent property to the west. There are no other significant permanent water bodies in the Phase 1 ESA Study Area. Figure 5 shows the major surface water drainage features in the local area. There are wetlands located to the northwest and southwest of the subject property.

Figure 5 shows the major surface water drainage features in the local area.

3.2.6 Geology

Surficial Geology

Geological maps of the area (from the OGS Earth website) indicate that the overburden at the Site consists of glaciofluvial deposits described as river deposits and delta topset facies. They are also organic deposits in the area described as peat, muck and marl (OGS, 2017).

Based on the geotechnical investigations completed by Neil Levac & Associates Ltd. and Levac Robichaud Leclerc Associates Ltd., overburden on the subject property was described as fill underlain by sandy soil deposits (fine sand and silty sands) and medium grained sands. Inferred bedrock was encountered between 12.0 and 12.4 meters below ground surface; a thin layer of glacial till was observed above the inferred bedrock (Levac 2001 & Levac 2008).

Bedrock Geology

The bedrock on Site and in the area is composed of Paleozoic rock of the Bobcaygeon Formation, consisting limestone with minor shales in the upper parts (OGS, 2017).

Based on the geotechnical investigation completed by Neil Levac & Associates Ltd. bedrock was encountered between 12.0 and 12.4 m bgs (Levac 2001). No description of bedrock was provided.

3.2.7 Hydrogeology

The subject property is situated in the Ottawa-St. Lawrence Lowlands, located within the Rideau Valley watershed. Groundwater in the area probably flows east and northeast towards the Carp River; which is a tributary to the Rideau River.

The interpreted direction of shallow groundwater flow in the area is to the east/northeast based on topography, and surface water flow patterns (see Figure 5).

3.2.8 Fill Materials

Fill material reported in boreholes/test pits by Levac consisted primarily of sand and gravel and did not suggest the presence of contamination. This material is not considered to represent an environmental concern to the Site.

3.2.9 Water Bodies and Areas of Natural Significance

A portion of a small pond is located on the subject property; the remainder of the pond is located on an adjacent property to the west of the site.

MNR mapping was reviewed for the presence of the following areas of natural significance:

- Areas of Natural and Scientific Interest (ANSI) - earth science and life science
- Provincially Significant Wetlands (PSWs)
- Wildlife Management Areas (WMAs)

There are no areas of natural significance in the study area.

3.2.10 Well Records

A total of twenty-three Water Well Information System records occur within 250 m of the subject property. Six of the wells were listed as abandoned and no data were presented. Eleven of the wells were completed in limestone bedrock which was encountered at an average depth of 14.5 m bgs. The average completion depth of the wells was 20.5 m bgs. The records indicate that the wells were to be used for as domestic, industrial, public or livestock wells.

3.3 Site Operating Records

No Site Operating Records were available for the Site.

4.0 INTERVIEWS

McIntosh Perry personnel conducted an interview to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. An interview was conducted with the current tenant of 2125 Carp Road, in person on April 13, 2017. The interview was conducted using a standard set of questions. The completed interview log sheet is included in Appendix E. The majority of the comments refer to 2125 Carp Road, as at the time of site reconnaissance it was understood the phase 1 ESA was to be completed for both 2113 and 2125 Carp Road. The interview does not change the findings of the Phase 1 ESA.

Table 6: Interview Summary

Potential Item of Concern	Interview Comments (Any knowledge of the following?)
Accidents/Spills	None
Previous Use of Site	Residential/Vacant
Adjacent Properties	Same as current
Fuel Handling/Storage	Some fuel in garage (off-site)
Maintenance/ Operational Areas	None (does complete own oil changes and vehicle maintenance in garage) (off-site)
Hazardous Materials Storage	Small amounts of fuels and oils(off-site)
Salt Storage	None
Fuel Storage Tanks	None
Odours	None
Potable Water	Municipal (former well) (off-site)
Septic and Wastewater Discharges	Septic (off-site)
Pesticides	None
Mould	Removed from bathroom in the past (off-site)
Heating and Cooling Systems	Electric Heat, no cooling (off-site)
Major Mechanical Equipment	None
Waste Oils, Solvents, Batteries	None
PCBs	None
Asbestos	None
Lead Paint	None

Potential Item of Concern	Interview Comments (Any knowledge of the following?)
ODS	None
Electromagnetic Radiation	None
UFFI	None
Mercury	None
Radon Gas	None
Soil and Groundwater Conditions	n/a
Wells	Used to be on a well (doesn't know if it was removed). Property is now municipally serviced. (off-site)
Waste Disposal and Recycling	Municipal pickup, burns cardboard (off-site)
Fill Material	Clean fill (off-site)
Floor drains	None
Other	n/a

Please Note: Statements made by the interviewee were not made categorically and are limited by his 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.

5.0 SITE RECONNAISSANCE

The objectives of the Site reconnaissance were as follows:

- To identify Areas of Potential Environmental Concern (APEC) associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in or under the Site;
- To identify, as practicable, current and past uses and activities and PCAs in the Phase 1 study area;
- To identify details of potential contaminant pathways on, in or under the Phase 1 property and APECs and contaminants of potential concern.

McIntosh Perry had open and ready access to the entire Site during the site visits. No access restrictions were encountered that would have limited the extent of the inspection.

5.1 General Requirements

McIntosh Perry conducted the site reconnaissance on April 13, 2017 (from 9:00 hr to 10:00 hr). At this time Meghan Coyle of McIntosh Perry inspected all of the interior and exterior areas of 2113 and 2125 Carp Road and observed all other properties in the Phase 1 ESA study area.

5.1.1 Qualifications of the Assessors

Field assessment for this report was undertaken by Meghan Coyle, B.Sc. of McIntosh Perry. Mrs. Coyle has conducted Phase 1 ESAs during the past several years. Most of these assessments have been conducted at commercial properties.

Senior review was carried out by Dan Arnott, P.Eng., of McIntosh Perry Consulting Engineers Ltd. Mr. Arnott is a registered Professional Engineer in Ontario and a Qualified Person (QP) under O.Reg. 153/04, as amended. At present, Mr. Arnott is a Geo-Environmental Engineer with the Environmental Science and Engineering division of McIntosh Perry. Over the past 10 years, he has conducted and reviewed numerous Phase 1 and 2 ESAs for corporations, individuals and government agencies.

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 Association of Professional Geoscientists of Ontario (APGO) and is a full member of the Consulting Engineers of Ontario (CEO).

5.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the exterior site visit were sunny with temperatures around 10°C.

5.1.3 Property Occupancy/Use Status at time of Inspections

The subject property is currently vacant; the majority of the property is a vegetated field with some forested areas (Photo 10).

5.1.4 Site Photographs

Photographs of the exterior portion of the Phase 1 ESA property are included in Appendix F. A brief description is included with each photograph, including location and orientation.

5.2 Specific Observations at the Phase 1 ESA Property

5.2.1 Structures and Other Improvements

The following structures are present on site (Photos 11 and 12):

- Billboard Sign (Oz Optics)
- Storage Trailer (used for advertising)

5.2.2 Below Ground Structures

There are no known below ground structures on the Site.

5.2.3 Storage tanks

There was no storage tanks observed on the subject property.

5.2.4 Potable and Non-Potable Water Sources

According to the current tenant of 2125 Carp Road, the site is supplied by municipal services.

5.2.5 Underground Service Trenches

There are likely sanitary and storm sewers in the area. Other underground utilities on site and in the area include natural gas, water, electrical power, and communications lines. These services are normally installed in relatively small and shallow trenches (i.e. generally less than 1.5 m deep); the potential for migration of contaminants along service lines and corridors at the site is considered to be very low given the lack of observed APECs in the areas of service trenches.

5.2.6 Exit and Entry Points

The exit and entry points to the Site and to the on-site building were inspected. No concerns were identified.

5.2.7 Existing and Former Heating Systems

None observed.

5.2.8 Cooling Systems

There are no cooling systems on Site.

5.2.9 Drains, Pits and Sumps

None observed.

5.2.10 Unidentified Substances

No unidentified substances were observed on-site.

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

None Observed.

5.2.12 Well Details

According to the current tenant, the site is supplied by municipal water services, but was formerly supplied by a domestic well. A pressure tank is still present in the basement of the residence (Photo 17). It is unknown if the on-site well was decommissioned after City services were connected.

5.2.13 Details of Sewage Works

None observed.

5.2.14 Ground Surface Details

The ground surface at the Site is mostly vegetated with grass/shrubs and trees.

5.2.15 Current and Former Railway Lines

There are no current or former railway lines in the vicinity of the subject property.

5.2.16 Staining to soil, vegetation, pavement

None observed on site.

5.2.17 Stressed Vegetation

No signs of stressed vegetation were identified at the Site.

5.2.18 Fill and Debris

Some metal debris and boulders were observed on the subject property (Photo xx).

5.2.19 Mould

None observed.

5.2.20 Potentially Contaminating Activity

No potentially contaminating activities were observed on the Site.

5.2.21 Special Attention Items

None.

5.3 Description of Investigations

5.3.1 Phase 1 ESA Property

The exterior inspection was conducted on April 13, 2017. Select photographs are included in Appendix F.

5.3.2 Phase 1 ESA Study Area

All properties located within 250 m of the subject Site boundaries were observed from publicly accessible locations on April 13, 2017. Select photographs are included in Appendix F.

6.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, and evaluation and an interpretation of the information from the records review, interviews and site reconnaissance.

6.1 Current and Past Uses of the Phase 1 ESA Property

The following table summarizes the land use history of the subject Site:

Table 7: Current and Past Uses of the Phase 1 ESA Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
2113 Carp Road				
1955 - 2000	n/a	Agricultural and unused	Rural	Aerial photographs show the property as vacant since at least 1955. The property appears to be used as agricultural land in 1955 and unused in 1976.
2000 – 2004	Oz Optics	Vacant	Rural	Aerial photographs from 2008 are similar to current conditions
~2004 - Current	Laurysen Kitchens Ltd.	Vacant	Rural	Aerial photographs from 2011and 2016 are similar to current conditions

* The City Directory Search was not searched for the subject property.

6.2 Potentially Contaminating Activity

No potentially contaminating activities (PCAs) were identified on, in, or under the Phase 1 ESA property:

Potentially contaminating activities (PCAs) in the Phase 1 ESA study area are as follows:

- 2125 Carp Road :
  - Fuel staining observed in the attached garage and storage shed
  - Exterior storage of empty fuel tanks from vehicles
- 2141 Carp Road – TSSA Expired Facility and 3 underground fuel storage tanks (USTs)
- 2145 Carp Road – Historic Fuel Storage Tanks (4 USTs), current gas station (tank listed for 2141 are likely on 2145 Carp Road)

Note: the above listed items are referenced on Figure 6.

Based on their separation distance from the Site and/or their location with respect to the Site, off-site PCAs are not considered to result in APECs at the Site.

6.3 Areas of Potential Environmental Concern (APEC)

No areas of potential environmental concern (APEC) were ideitnfied on the subject property.

6.4 Phase 1 Conceptual Site Model

The Phase 1 Conceptual Site Model is based on information presented in the following Figures:

- Figure 2 – shows onsite structures and those on properties immediately surrounding the Site.
- Figure 3 – shows all other buildings and structures in the Phase 1 ESA study area
- Figure 5 shows drainage features in the local area. There are no significant water bodies in the Phase 1 ESA study area.
- Figure 3 shows the names of all roads in the Phase 1 ESA study area.
- Figure 4 shows land use of properties adjacent to the subject property.
- Figure 6 shows areas where potentially contaminating activities (PCAs) have occurred and areas of potential environmental concern (APEC).

There are no areas of natural significance in the Phase 1 ESA study area.

The potential for underground utilities to affect contaminant distribution and transport is considered to be minimal.

Available topographic, surface drainage and hydrogeological information suggests that the direction of shallow groundwater flow is to the east/northeast.

7.0 CONCLUSIONS

No potentially contaminating activities (PCAs) were identified on, in, or under the Phase 1 ESA property.

Potentially contaminating activities (PCAs) in the Phase 1 ESA study area are as follows:

- 2125 Carp Road
    - Fuel staining observed in the attached garage and storage shed
    - Exterior storage of empty fuel tanks from vehicles
- 2141 Carp Road – TSSA Expired Facility and 3 underground fuel storage tanks (USTs)
- 2145 Carp Road – Historic Fuel Storage Tanks (4 USTs), current gas station (tank listed for 2141 are likely on 2145 Carp Road)
- Carp Road and 417 – Two Ontario Spill Records
    - Gasoline spilled to soil and roadway – environmental impact possible to soil
    - 15 gallon of hydraulic fluid spilled to the ground from a motor vehicle – environmental impact not anticipated

The fuel staining found in the storage shed and garage on the adjacent property do not represent an area of significant environmental concern for the subject property. Due to the separation distance and/or cross-gradient or downgradient location of these PCAs with respect to the Site, they are not considered to represent an environmental concern.

7.1 Is a Phase 2 ESA Required?

A Phase 2 ESA is not required for the subject property.

8.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by, McIntosh Perry Consulting Engineers Ltd. for *"Myers Automotive Group."*. It is intended for the sole, and exclusive use of *All Saints Development Inc.*, any affiliated companies and partners and their respective financial institutions, insurers, agents, employees and advisors (collectively, *'Myers Automotive Group'*). 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 interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., in certain instances, has 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 inspections on April 13, 2017. 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 be afforded the opportunity to 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.

LICENSED PROFESSIONAL ENGINEER
D. J. ARNOTT
100138201
8-MAY-2017
PROVINCE OF ONTARIO

Daniel J. Arnott, P.Eng.
Geo-Environmental Engineer

Meghan Coyle, B.Sc.
Environmental Scientist

H:\01 Project - Proposals\2017 Jobs\CP\OCP-17-0160 Myers_2113-2125 Carp Rd_Ph 1, Geotech\Phase 1 ESA\09 Report\OCP-17-0160 -2113 Carp Rd-Ph 1 ESA.8.May.17.docx

9.0 REFERENCES

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

EcoLog ERIS, 2014. Site 0.25 km Search Report Results.

Neil Levac & Associates Ltd. (Levac, 2001), 'Geotechnical Investigation, Proposed Corporate Centre, Corner of Carp Road & Westbrook Road, Old Township of West Carleton, Newly amalgamated City of Ottawa, Regional Municipality of Ottawa Carleton' February 2001.

Levac Robichaud Leclerc Associates Ltd. (Levac, 2004) 'Phase I – Environmental Site Assessment, 2113 Carp Road, Plan M-300 Block 1, Carp, Ontario 'May 2004

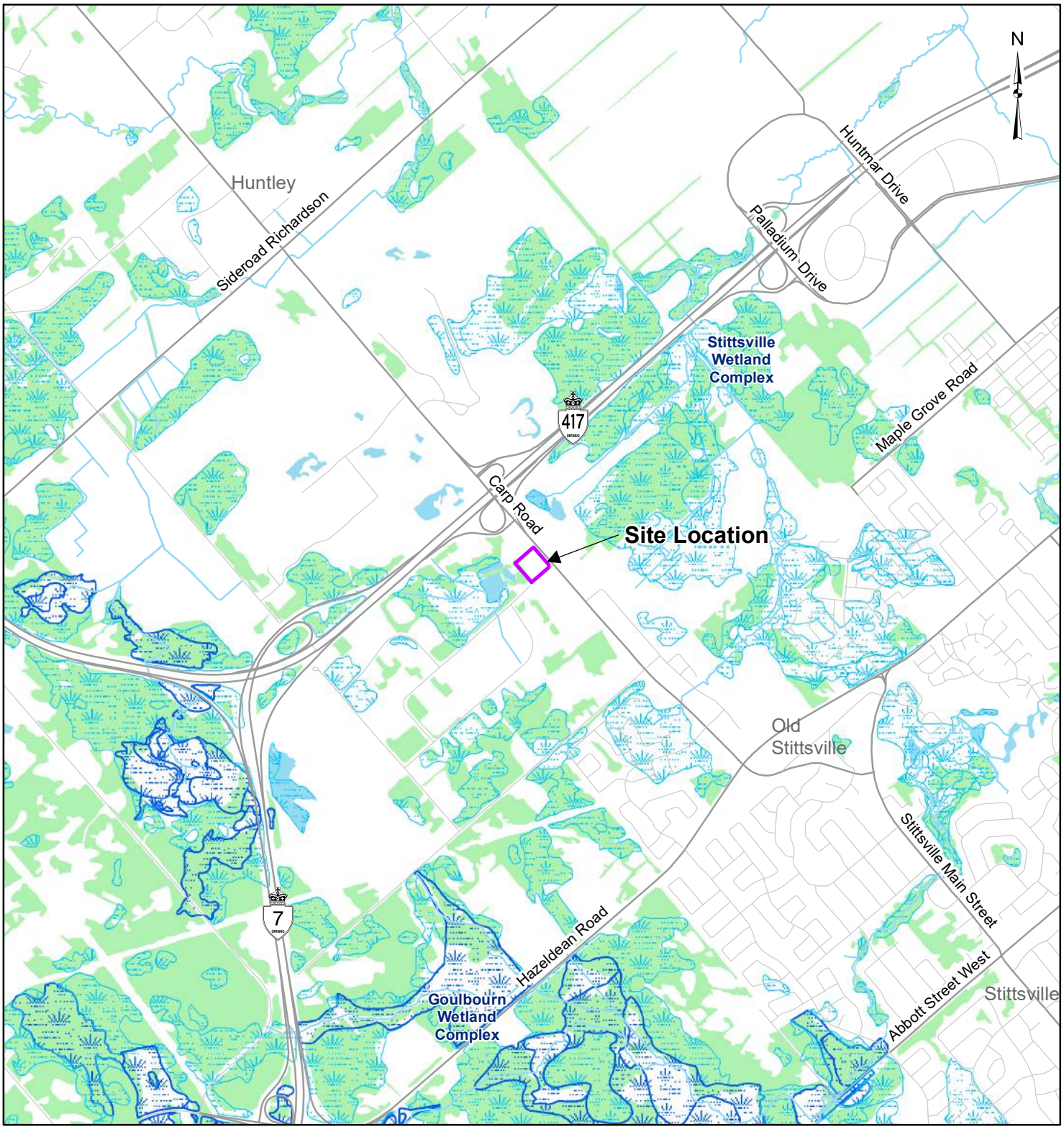
Levac Robichaud Leclerc Associates Ltd. (Levac, 2008) 'Phase I – Environmental Site Assessment, 2125 Carp Road, Stittsville, Ontario' September 2008

Levac Robichaud Leclerc Associated Ltd. (Levac, Dec. 2008) 'Limited Geotechnical Investigation, Proposed Commercial Development, 2125 Carp Road, Stittsville, Ontario' December 17, 2008.

Ontario Ministry of Environment (MOE), 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) – Google Earth™ (website: http://www.mndmf.gov.on.ca/mines/ogs_earth_e.asp).

FIGURES



LEGEND

- Approximate Property Boundary
- Local Road
- Major Road
- Wooded Area
- Watercourse
- Waterbody
- Provincially Significant Wetland
- Unevaluated Wetland

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

TITLE: SITE LOCATION

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

PROJECT NO:CP-17-0160		FIGURE:
Date	May., 04, 2017	1
GIS	JD	
Checked By	MC	

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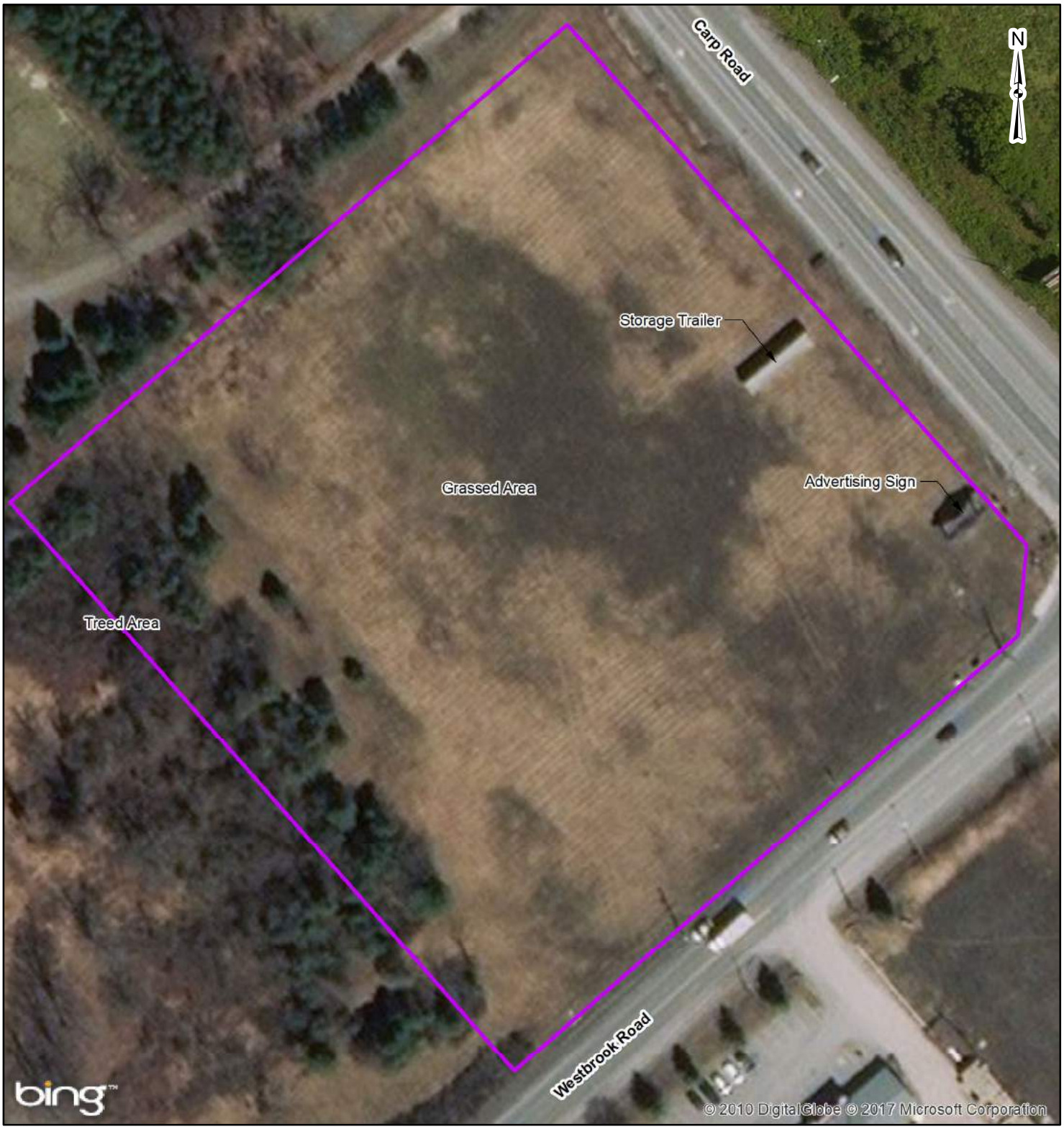


LEGEND

Approximate Property Boundary

40 20 0 40

Scale 1:1,000 Metres

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

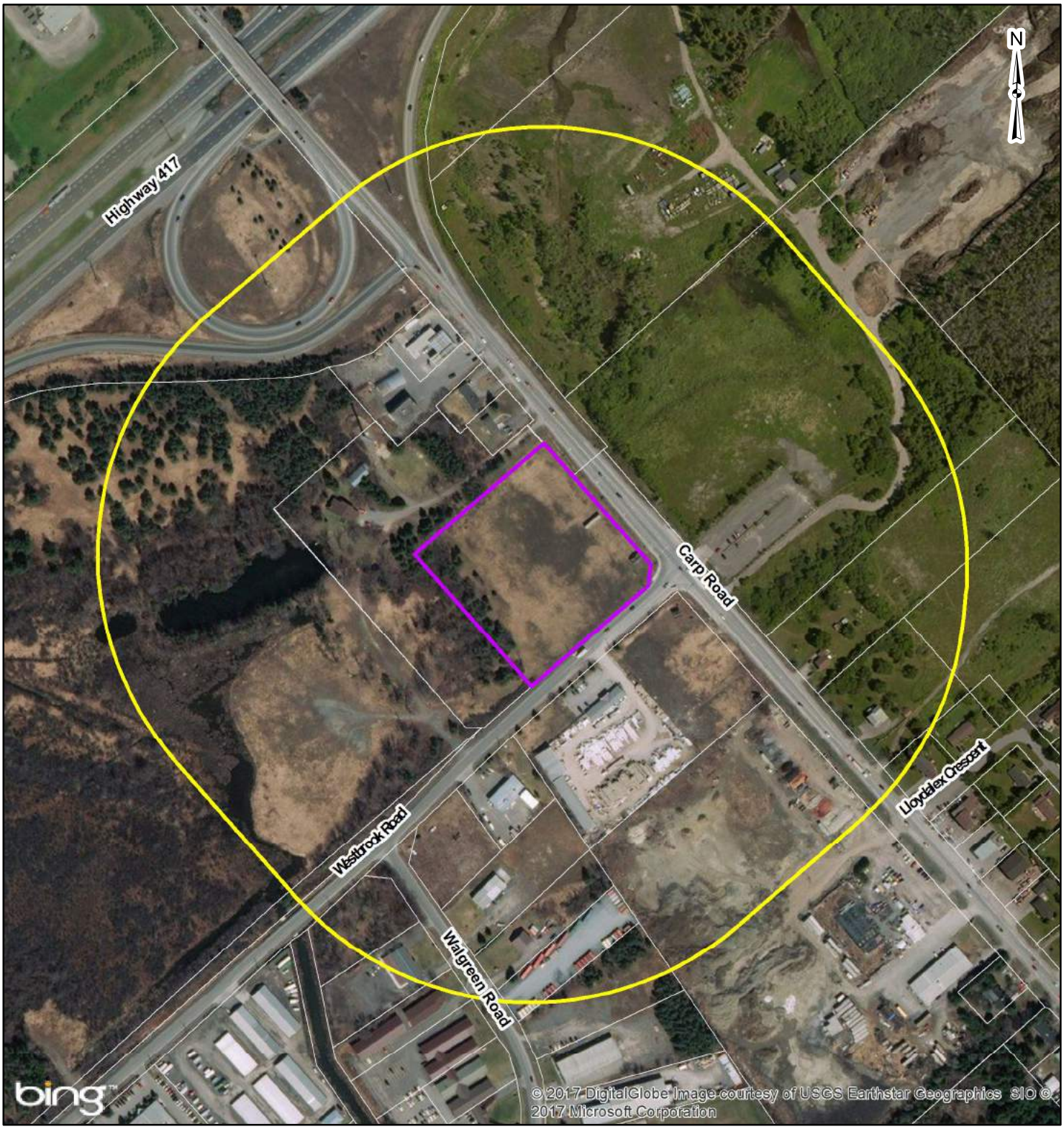
TITLE: SITE LAYOUT

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

PROJECT NO:CP-17-0160	
Date	May., 04, 2017
GIS	JD
Checked By	MC

FIGURE: 2

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0160 Myers_2113-2125 Carp Rd_Ph 1 Geotech\Phase 1 ESA\05 GIS\mxd\0CP170160_02_SiteLayoutMyersCarp.mxd



160 80 0 160

Scale 1:4,300 Metres

LEGEND

- Approximate Property Boundary
- 250m Buffer
- Property Parcel

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

TITLE: STUDY AREA AND SURROUNDING PROPERTIES

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

PROJECT NO:	CP-17-0160
Date	May., 04, 2017
GIS	JD
Checked By	MC

FIGURE: 3

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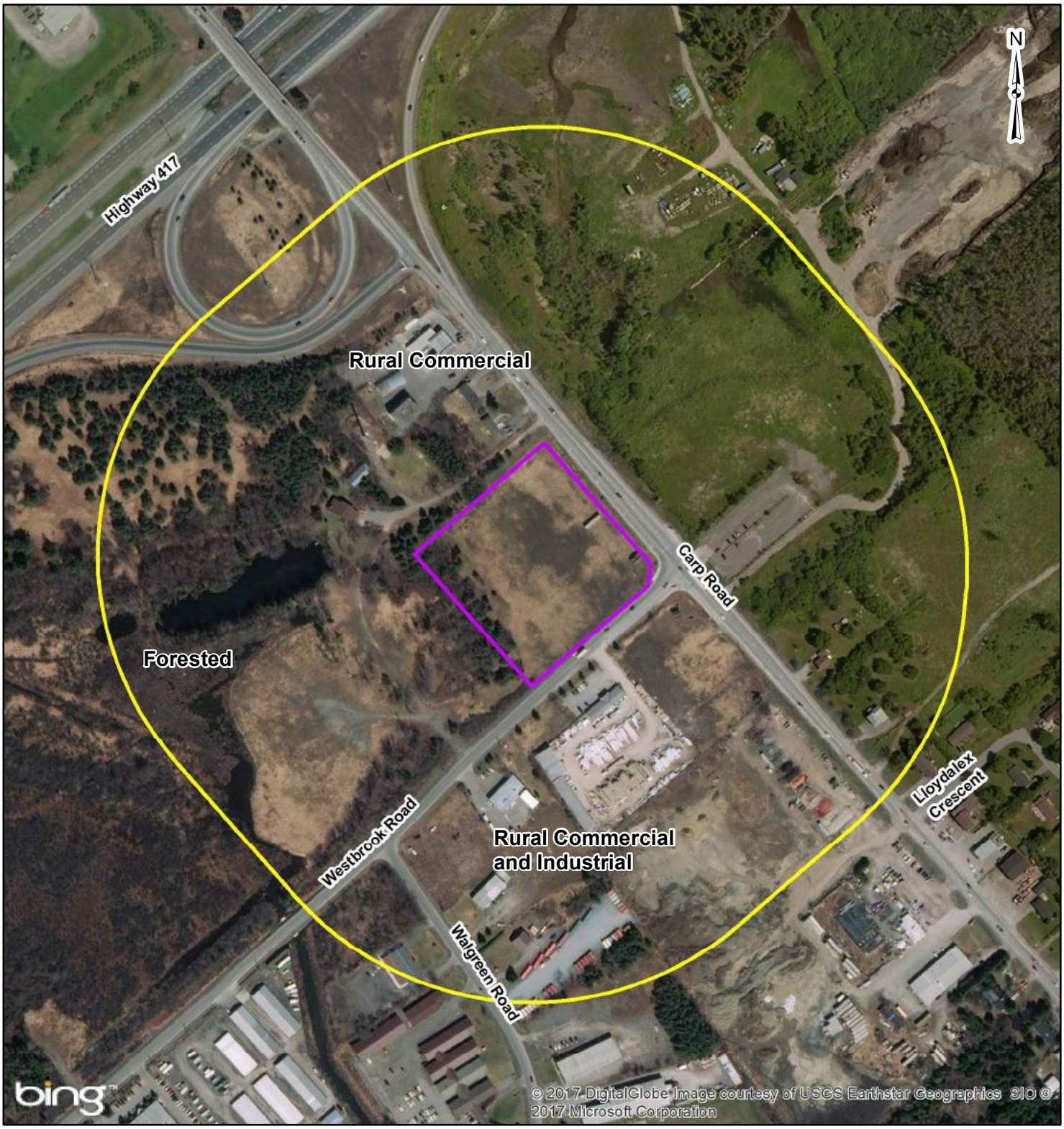

160 80 0 160

Scale 1:4,300 Metres

LEGEND

- Approximate Property Boundary
- 250m Buffer

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

TITLE: 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:CP-17-0160		FIGURE:
Date	May., 04, 2017	4
GIS	JD	
Checked By	MC	

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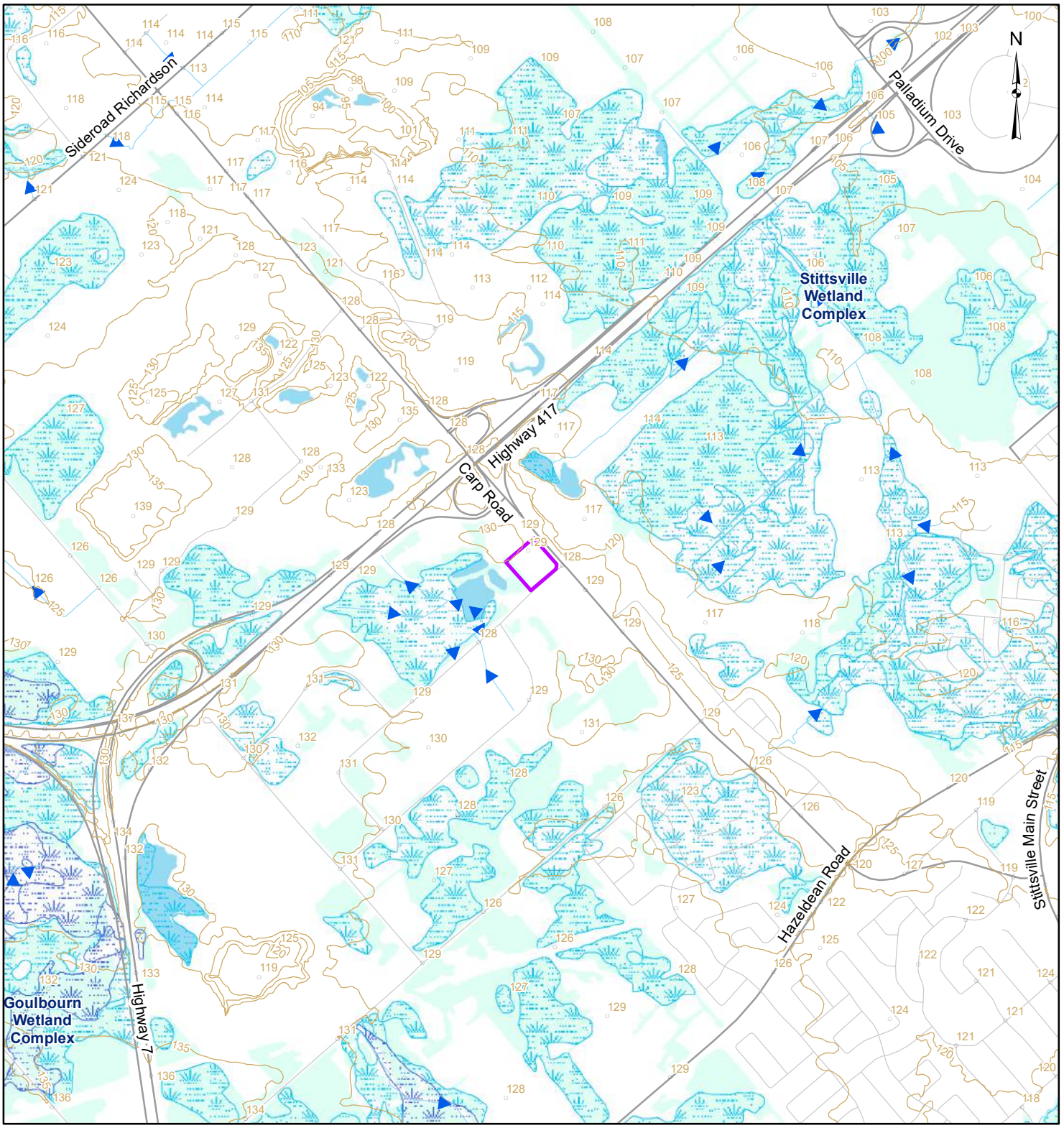

800 400 0 800

Scale 1:20,000 Metres

LEGEND

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

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

TITLE: DRAINAGE AND TOPOGRAPHY

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

PROJECT NO:CP-17-0160		FIGURE:
Date	May., 04, 2017	5
GIS	JD	
Checked By	MC	

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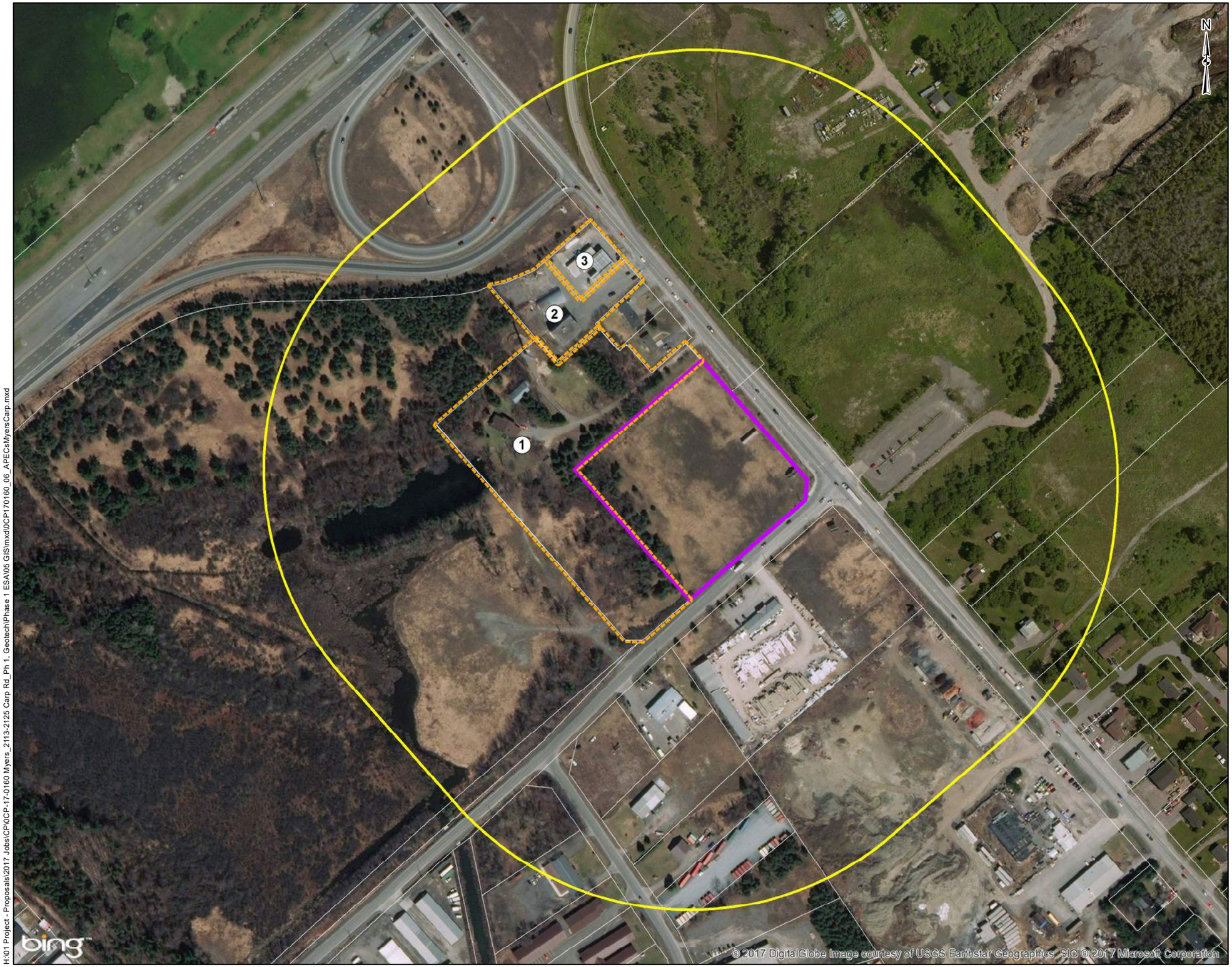


LEGEND

- Potentially Contaminating Activity (PCA)
- Property Boundary
- 250m Buffer
- Property Parcel

1 2125 Carp Road
PCAs
- Fuel staining observed in garage and storage shed
- Storage of old fuel tanks from vehicles

2 2141 Carp Road
PCAs
- TSSA Expired Facility
- Fuel Storage Tanks (3 underground storage tanks)

3 2145 Carp Road
PCA
- Historic Fuel Storage Tanks (4 underground storage tanks)

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2017.

110 55 0 110
Scale 1:3,000 Metres

CLIENT: MYERS AUTOMOTIVE GROUP

PROJECT: PHASE 1 ESA
2113 CARP ROAD

TITLE: PCAs

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

PROJECT NO:	CP-17-0160
Date	May., 04, 2017
GIS	JD
Checked By	MC

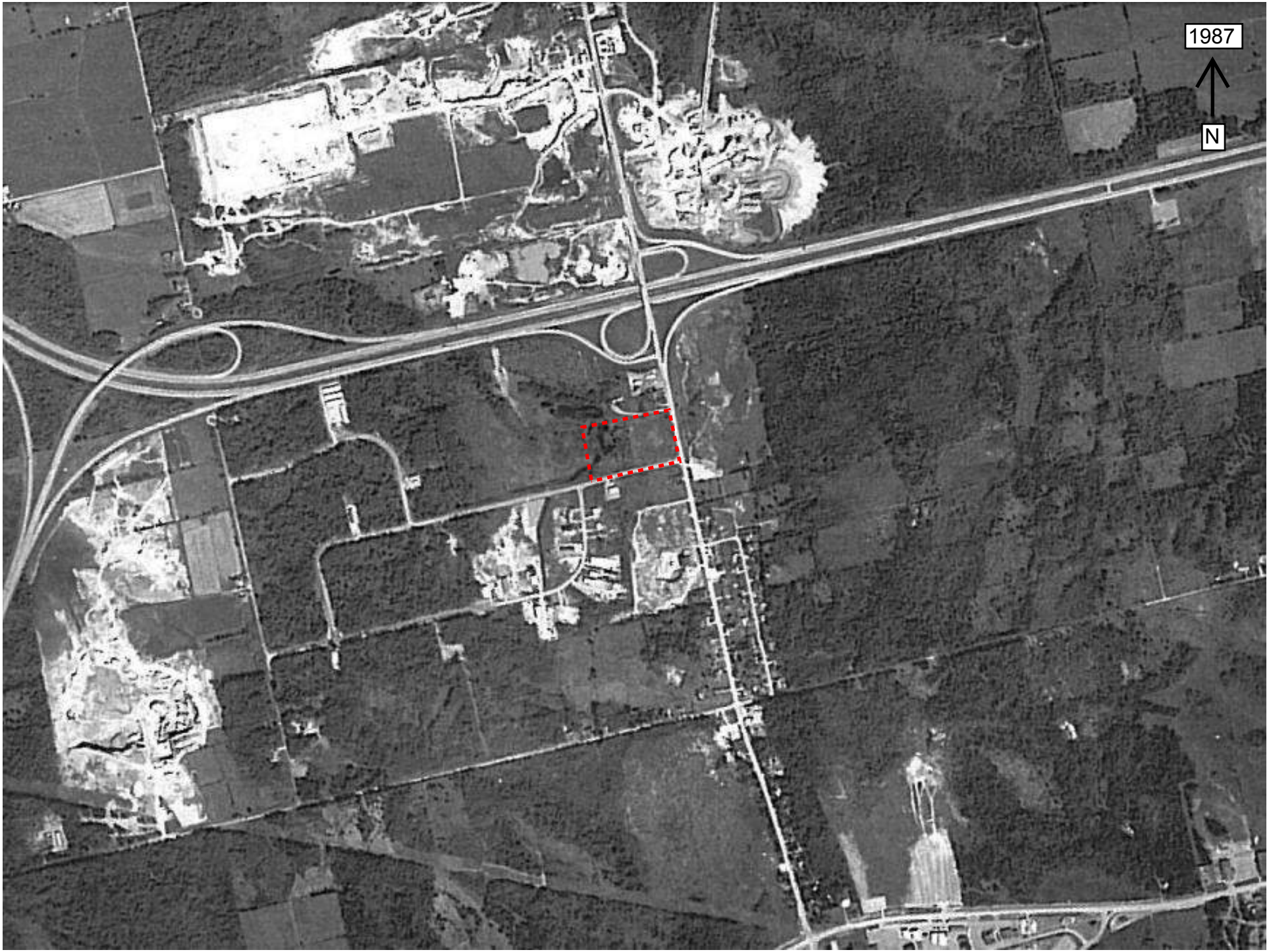
FIGURE: 6

H:\01 Project - Proposals\2017 Jobs\CP\0CP-17-0160 Myers_2113-2125 Carp Rd_Ph 1_ Geotech\Phase 1 ESA\05 GIS\mxd\0CP170160_06_APECsMyersCarp.mxd

APPENDIX A
AERIAL PHOTOGRAPHS


1955
N


1976
N


1987
N


1991
N


1999
N


2008
N


2011
N


2016
N

APPENDIX B
CORRESPONDENCE

April 7, 2017

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

Re: Request for Information
Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6 And

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. Also included is a figure showing a map and location details of the subject site. 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,

M Coyle

Meghan Coyle, B.Sc.
Ext. 2260
m.coyle@mcintoshperry.com

CP-17-0160- Phase I - MOE Freedom of Information Request .doc

Ontario Ministry of the Environment

Freedom of Information Request

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

Requester Data

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

Email address: m.coyle@mcintoshperry.com

Telephone/Fax Nos.
Tel. (613)836-2184 ext.2260
Fax (613)836-3742

Your Project/Reference No.
CP-17-0077

Signature/Print /Name of Requester
/Meghan Coyle

For Ministry Use Only

FOI Request No.

Date Request Received

Fee Paid

☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH

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

Request Parameters

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

Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6

Mr & Mrs. Reed, Oz optics
unknown

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

Unknown

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

Unknown

Search Parameters *Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.*	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	1986-2013
Orders	1986-2013
Spills	1986-2013
Investigations/prosecutions ➤ Owner **AND** tenant information must be provided	1986-2013
Waste Generator number/classes	1986-2013

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*		1986-2013
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986-2013
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986-2013
waste water - *industrial discharges*		1986-2013
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator* sites		1986-2013
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		1986-2013
pesticides - *licenses*		1986-2013

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.

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

April 10, 2017

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02460, Your Reference CP-17-0077

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee), along with your $30.00 deposit.

The search is being conducted on the following: 2113 to 2125 Carp Rd, Ottawa (Odd #s). If there is any discrepancy please contact us immediately.

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

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,

FOI

Janet Dadufalza
FOI Manager

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

April 20, 2017

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02460, Your Reference CP-17-0077

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2113 to 2125 Carp Rd, Ottawa (Odd #s).

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Approvals Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is $30.00 for 1 hour of search time @ $30.00 per hour. **We have applied the $30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kaitlynne Low at kaitlynne.low@ontario.ca.

Yours truly,

Janet Dadufalza
FOI Manager

April 7, 2017

Ministry of the Environment and Climate Change
Ottawa District Office
2430 Don Reid Dr., Unit 103
Ottawa, ON
K1H 1E1

Re: Request for Information
Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6 And

Dear Sir/Madam,

We have been authorized to perform a Phase I Environmental Site Assessment (ESA) for the above-noted property located in Ottawa, 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.

A figure has been attached showing a map and location details of the subject site. 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,

M Coyle

Meghan Coyle, B.Sc.
Ext. 2260
m.coyle@mcintoshperry.com

CP-17-0160 - Phase I - Request to MOE for Orders and Approvals..doc

Meghan Coyle

From: Public Information Services <publicinformationservices@tssa.org>
Sent: April-07-17 12:10 PM
To: Meghan Coyle
Subject: RE: Records for site in Ottawa, Ontario

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.

Suman Guram | Coordinator
Records
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6203 | Fax: +1-416-231-6183 | E-Mail: sguram@tssa.org
www.tssa.org

Employeur remarquable du Canada 2016 PARTENARIAT EN ÉDUCATION
Canada's Outstanding Employer 2016 THE LEARNING PARTNERSHIP

From: Meghan Coyle [mailto:m.coyle@mcintoshperry.com]
Sent: Friday, April 07, 2017 10:55 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records for site in Ottawa, Ontario

Dear Sir/Madam

We are preparing a Phase I Environmental Site Assessment (ESA) for a property located in Ottawa, ON

Civic Address: 2113 and 2125 Carp Road, Ottawa, ON

Legal Description: HUNTLEY CON 3 PT LOT 2 AND;PLAN M300 PT BLKS 1 AND 7;AND RP 4R23651 PARTS 1 AND 5, and HUNTLEY CON 3 PT LOT 2 AND;PLAN M300 PT BLK 7 AND RP;4R3392 PT PART 4 RP 4R23651;PARTS 2 AND 6

We trust the above is satisfactory. However, please do not hesitate to contact me if you have any questions

Meghan Coyle, B.Sc.
Environmental Scientist

115 Walgreen Road, R R 3, Carp, ON K0A 1L0
T. 613.836.2184 (2260) | **F.** 613.836.3742 | **C**. 613.868.2551
m.coyle@mcintoshperry.com | www.mcintoshperry.com

April 19, 2017

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), 2113-2125 Carp Road, Ottawa, ON

McIntosh Perry has been retained by Myers Automotive Group to complete a Phase 1 Environmental Site Assessment at the properties addressed as 2113-2125 Carp Road, Ottawa, Ontario.

With this letter, the property owners authorizes 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 1 Environmental Site Assessment at the above-noted property.

Name of Property Owners: J LAURYSEN INVESTMENTS

Property Owners Representatives:
(please print) BILL LAURYSEN

Signature of Property Owner Representative:

Date: APRIL 19 · 2017

115 Walgreen Road, R.R.3. Carp. ON K0A 1L0 | T. 613-836-2184 | F. 613-836-3742
info@mcintoshperry.com | www.mcintoshperry.com

APPENDIX C
ECOLOG ERIS REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase 1 ESA - 2113-2125 Carp Road* *2125 Carp Road* *Ottawa ON*
Project No:	*CP-17-0160*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20170405025*
Requested by:	*McIntosh Perry Consulting Engineers*
Date Completed:	*April 11, 2017*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:		*Phase 1 ESA - 2113-2125 Carp Road* *2125 Carp Road Ottawa ON*
Project No:		*CP-17-0160*
Coordinates:		
	Latitude:	*45.277949*
	Longitude:	*-75.95618*
	UTM Northing:	*5,014,272.47*
	UTM Easting:	*425,003.67*
	UTM Zone:	*UTM Zone 18T*
Elevation:		*426 FT* *129.84 M*

Order Information:

Order No:	*20170405025*
Date Requested:	*April 5, 2017*
Requested by:	*McIntosh Perry Consulting Engineers*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.40 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	16	16
CA	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	8	8
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	11	11
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	3	3
FSTH	Fuel Storage Tank - Historic	Y	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.40 km	Total
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PIPELINE INCIDENTS	National Energy Board Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	5	5
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	24	24
	Total:	0	73	73	

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 2 con 3 ON	NE/61.4	0.40	18
2	BORE		 ON	NNE/101.1	0.86	20
2	WWIS		lot 2 con 3 ON	NNE/101.1	0.86	20
3	EHS		2141 Carp Rd Ottawa ON K0A1L0	NNE/104.3	0.81	23
4	EXP	APOS CONVENIENCE LTD	2141 CARP RD RR 3 CARP ON	NNE/106.4	0.88	23
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE/106.4	0.88	24
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE/106.4	0.88	24
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE/106.4	0.88	24
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE/106.4	0.88	24
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON	NNE/106.4	0.88	25
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON	NNE/106.4	0.88	25
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	25
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	25
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	25
4	EXP	APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	26
4	FST	1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	26
4	FST	1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	26
4	FST	1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE/106.4	0.88	27
5	BORE		 ON	ENE/145.6	-1.89	27
5	WWIS		lot 2 con 3 ON	ENE/145.6	-1.89	27
6	FSTH	APOS CONVENIENCE LTD ANAND BANSAL	2145 CARP RD RR 3 CARP ON K0A 1L0	NNE/153.4	-0.88	29
6	FSTH	APOS CONVENIENCE LTD ANAND BANSAL	2145 CARP RD RR 3 CARP ON K0A 1L0	NNE/153.4	-0.88	30
7	WWIS		lot 1 con 3 ON	NE/156.0	-1.36	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
8	WWIS		lot 2 con 3 ON	NW/156.4	-1.47	32
9	WWIS		lot 2 con 3 ON	N/163.6	-3.36	33
10	WWIS		lot 2 con 3 ON	WSW/173.7	0.07	35
11	WWIS		lot 2 con 3 ON	S/195.4	0.94	36
12	WWIS		lot 2 con 2 ON	NE/195.5	-3.86	37
13	WWIS		lot 2 con 3 ON	SE/197.0	-1.26	39
14	ECA	City of Ottawa	200 Westbrook Road City of Ottawa ON	S/210.8	1.16	42
15	EHS		2125 Carp Road Ottawa ON	W/214.8	-1.75	42
16	WWIS		CARP ON	W/225.9	-0.11	42
16	WWIS		CARP ON	W/225.9	-0.14	44
17	BORE		ON	NE/232.0	-4.19	46
18	EHS		195 Westbrook Rd Ottawa ON K0A1L0	SSE/240.5	-0.11	47
18	SCT	GENTIAN ELECTRONICS LTD	195 WESTBROOK RD WEST CARLTON IND PARK STITTSVILLE ON K2S 1B3	SSE/240.5	-0.11	47
18	SCT	GENTIAN ELECTRONICS LTD	195 WESTBROOK RD WEST CARLTON INDUSTRIAL PARK STITTSVILLE ON K2S	SSE/240.5	-0.11	47
18	SCT	GENTIAN ELECTRONICS LTD.	195 Westbrook Rd West Carlton Ind Park Stittsville ON K2S 1B3	SSE/240.5	-0.11	48
19	WWIS		lot 2 con 3 ON	E/251.3	-3.39	48
20	BORE		ON	N/261.6	-5.83	49
20	WWIS		lot 2 con 3 ON	N/261.6	-5.83	49
21	WWIS		lot 1 con 3 ON	S/262.1	-2.55	51
22	EHS		197 Westbrook Rd Ottawa ON K0A1L0	SSE/268.4	0.59	52
23	EHS		197 Westbrook Rd Ottawa ON K0A1L0	SSE/277.1	0.37	52
24	BORE		ON	NNW/299.6	-5.98	53
25	BORE		ON	WNW/301.1	-5.37	53
26	BORE		ON	ESE/306.1	-1.92	53
27	BORE		ON	N/306.3	-4.79	54
28	EHS		103 Walgreen Rd Ottawa ON K0A1L0	SSE/318.3	-1.21	54

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
28	SCT	NORUPS INC.	103 WALGREEN RD CARP ON K0A 1L0	SSE/318.3	-1.21	54
29	WWIS		ON	SSE/321.4	-1.23	55
30	WWIS		lot 2 con 2 Ottawa ON	NNE/327.1	-14.72	57
31	BORE		ON	NW/332.3	-6.54	59
32	WWIS		lot 2 con 3 ON	ESE/335.1	-1.97	60
33	EHS		Carp Road And Higway 417 Carp ON	N/337.3	-7.42	62
33	WWIS		Ottawa ON	N/337.3	-7.42	62
34	BORE		ON	NNW/340.6	-7.97	64
35	WWIS		lot 2 con 2 CARP ON	NNE/341.2	-13.84	65
36	BORE		ON	NW/344.2	-5.67	67
36	WWIS		lot 2 con 3 ON	NW/344.2	-5.67	67
37	BORE		ON	N/350.1	-7.88	69
38	WWIS		lot 2 con 2 ON	E/354.2	-8.90	70
39	RSC		Southeast of Carp Road and Hwy 417 Interchange West Carleton ON	NNW/354.8	-7.93	72
39	SPL	TRANSPORT TRUCK	TRACTOR TRAILER OVERTURN ON CARP ROAD AT 417 TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	NNW/354.8	-7.93	72
39	SPL	Mulroney Trucking<UNOFFICIAL>	CARP ROAD AT HIGHWAY 417 WESTBOUND<UNOFFICIAL> Ottawa ON	NNW/354.8	-7.93	73
40	BORE		ON	NNW/356.4	-7.86	73
41	WWIS		lot 2 con 3 ON	ESE/359.4	-1.65	74
41	WWIS		lot 2 con 3 ON	ESE/359.4	-1.65	76
42	BORE		ON	NNW/365.0	-7.98	79
43	SCT	Luxcom Technologies Inc.	102 Walgreen Rd Carp ON K0A 1L0	S/367.0	-2.10	79
44	EHS		2110 Carp Road Ottawa ON	E/370.5	-8.67	80
45	BORE		ON	NNW/390.6	-5.60	80
46	BORE		ON	NNW/398.3	-5.92	81

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 16 BORE site(s) within approximately 0.40 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	NNE	101.13	2

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	145.61	5
	ON	NE	232.00	17
	ON	N	261.65	20
	ON	NNW	299.62	24
	ON	WNW	301.12	25
	ON	ESE	306.11	26
	ON	N	306.35	27
	ON	NW	332.30	31
	ON	NNW	340.57	34
	ON	NW	344.24	36
	ON	N	350.11	37
	ON	NNW	356.37	40
	ON	NNW	365.04	42
	ON	NNW	390.58	45
	ON	NNW	398.32	46

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 2017 has found that there are 1 ECA site(s) within approximately 0.40 kilometers of

the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	200 Westbrook Road City of Ottawa ON	S	210.80	14

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 8 EHS site(s) within approximately 0.40 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	2141 Carp Rd Ottawa ON K0A1L0	NNE	104.27	3
	197 Westbrook Rd Ottawa ON K0A1L0	SSE	268.38	22
	197 Westbrook Rd Ottawa ON K0A1L0	SSE	277.07	23

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2125 Carp Road Ottawa ON	W	214.79	15
	195 Westbrook Rd Ottawa ON K0A1L0	SSE	240.52	18
	103 Walgreen Rd Ottawa ON K0A1L0	SSE	318.27	28
	Carp Road And Higway 417 Carp ON	N	337.28	33
	2110 Carp Road Ottawa ON	E	370.52	44

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 11 EXP site(s) within approximately 0.40 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD	2141 CARP RD RR 3 CARP ON	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE	106.38	4
APOS CONVENIENCE LTD ANAND BANSAL	2141 CARP RD RR 3 CARP ON K0A 1L0	NNE	106.38	4

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST site(s) within approximately 0.40 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4
1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4
1287438 ONTARIO LTD	2141 CARP RDRR 3 CARP ON K0A 1L0	NNE	106.38	4

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.40 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
APOS CONVENIENCE LTD ANAND BANSAL	2145 CARP RD RR 3 CARP ON K0A 1L0	NNE	153.39	6
APOS CONVENIENCE LTD ANAND BANSAL	2145 CARP RD RR 3 CARP ON K0A 1L0	NNE	153.39	6

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Dec 2016 has found that there are 1 RSC site(s) within approximately 0.40 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Southeast of Carp Road and Hwy 417 Interchange West Carleton ON	NNW	354.83	39

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 5 SCT site(s) within approximately 0.40 kilometers of

the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
GENTIAN ELECTRONICS LTD.	195 Westbrook Rd West Carlton Ind Park Stittsville ON K2S 1B3	SSE	240.52	18
GENTIAN ELECTRONICS LTD	195 WESTBROOK RD WEST CARLTON IND PARK STITTSVILLE ON K2S 1B3	SSE	240.52	18
GENTIAN ELECTRONICS LTD	195 WESTBROOK RD WEST CARLTON INDUSTRIAL PARK STITTSVILLE ON K2S	SSE	240.52	18
NORUPS INC.	103 WALGREEN RD CARP ON K0A 1L0	SSE	318.27	28
Luxcom Technologies Inc.	102 Walgreen Rd Carp ON K0A 1L0	S	366.99	43

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 2 SPL site(s) within approximately 0.40 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
TRANSPORT TRUCK	TRACTOR TRAILER OVERTURN ON CARP ROAD AT 417 TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	NNW	354.83	39
Mulroney Trucking<UNOFFICIAL>	CARP ROAD AT HIGHWAY 417 WESTBOUND<UNOFFICIAL> Ottawa ON	NNW	354.83	39

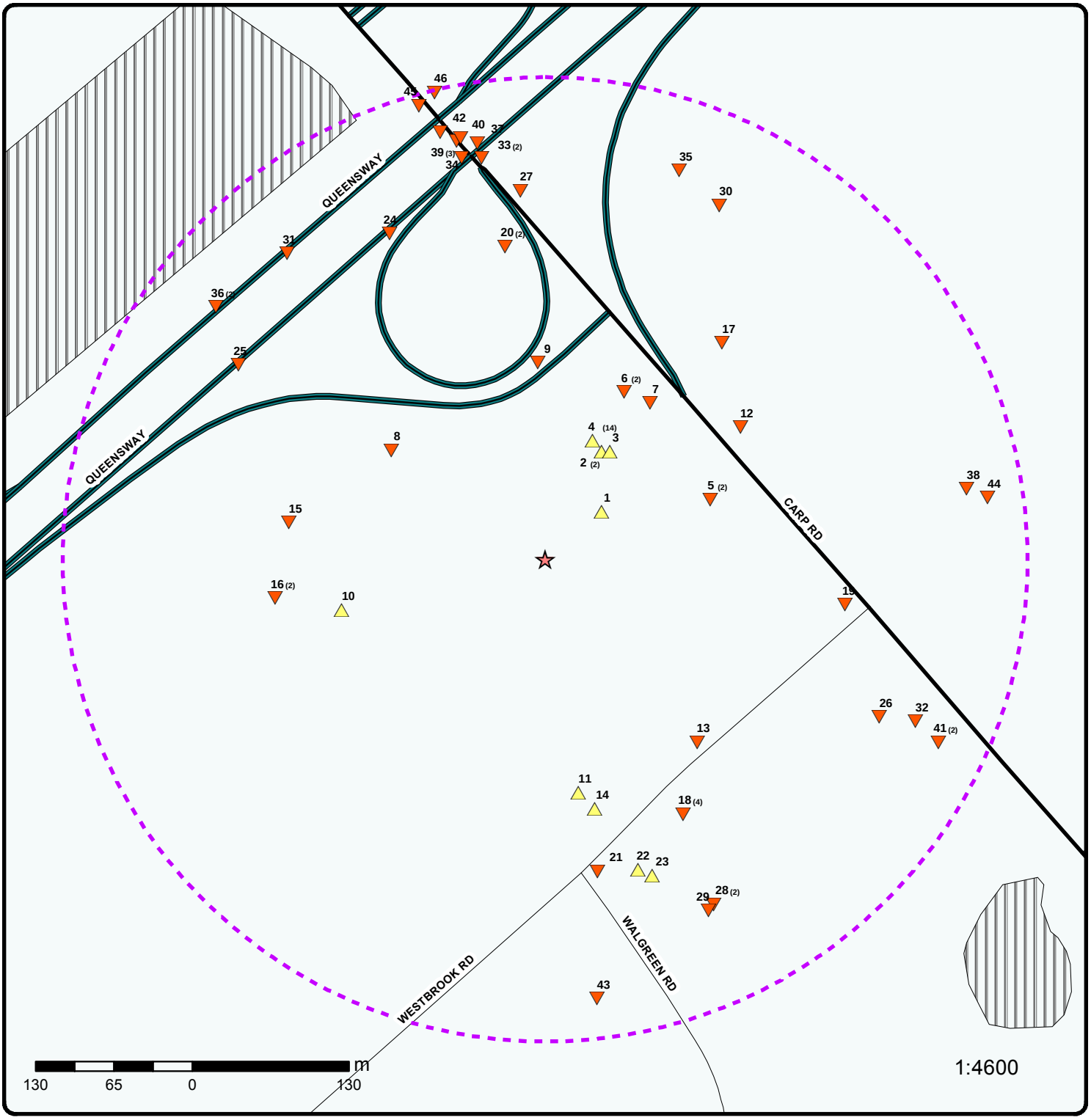
WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 24 WWIS site(s) within approximately 0.40 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 con 3 ON	NE	61.36	1
	lot 2 con 3 ON	NNE	101.13	2
	lot 2 con 3 ON	WSW	173.74	10
	lot 2 con 3 ON	S	195.42	11

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 con 3 ON	ENE	145.61	5
	lot 1 con 3 ON	NE	156.00	7
	lot 2 con 3 ON	NW	156.35	8

lot 2 con 3 ON	N	163.64	9
lot 2 con 2 ON	NE	195.49	12
lot 2 con 3 ON	SE	196.98	13
CARP ON	W	225.95	16
CARP ON	W	225.95	16
lot 2 con 3 ON	E	251.33	19
lot 2 con 3 ON	N	261.65	20
lot 1 con 3 ON	S	262.11	21
ON	SSE	321.35	29
lot 2 con 2 Ottawa ON	NNE	327.10	30
lot 2 con 3 ON	ESE	335.09	32
Ottawa ON	N	337.28	33
lot 2 con 2 CARP ON	NNE	341.20	35
lot 2 con 3 ON	NW	344.24	36
lot 2 con 2 ON	E	354.20	38
lot 2 con 3 ON	ESE	359.40	41
lot 2 con 3 ON	ESE	359.40	41



Map : 0.4 Kilometer Radius

Order No: 20170405025

Address: 2125 Carp Road, Ottawa, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation

- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road

- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line

- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

75°57'W

45°16'30"N

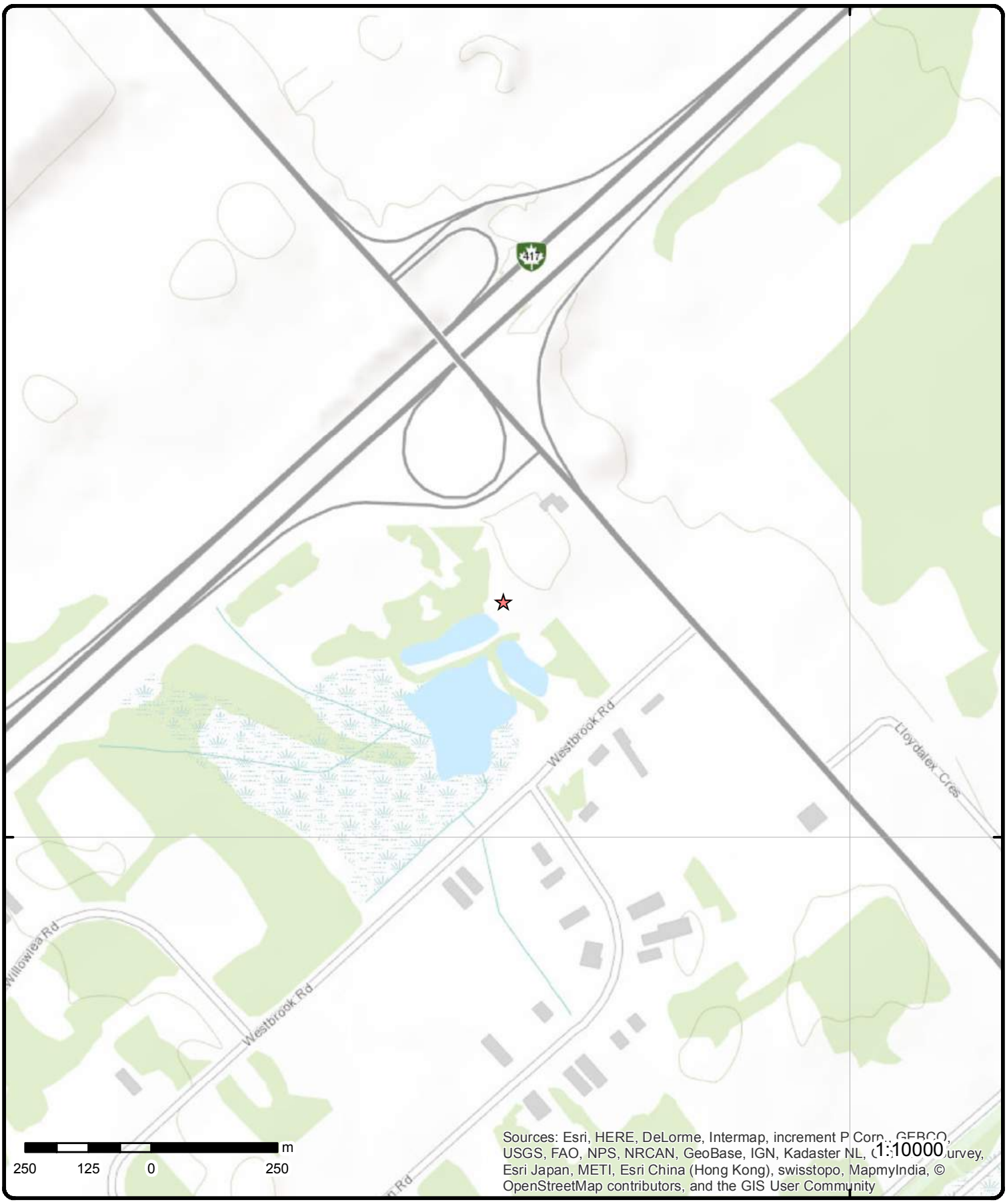
45°16'30"N

Aerial

Order No: 20170405025

Address: 2125 Carp Road, Ottawa, ON

Source: ESRI World Imagery



Topographic Map

Address: 2125 Carp Road, Ottawa, ON

Source: ESRI World Topographic Map

Order No: 20170405025

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	NE/61.4	130.2	lot 2 con 3 ON	WWIS

Well ID:	1503109	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::	Domestic	**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10025152
DP2BR:	56
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	26-OCT-62
Remarks:	
Zone:	18
East 83:	425050.6
North 83:	5014312
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	130.79
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	930996030
Layer:	1
General Color:	
Most Common Material:	CLAY
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft
--	--
Formation ID:	930996031
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	QUICKSAND

Other Materials:	
Formation Top Depth:	12
Formation End Depth:	50
Formation End Depth UOM:	ft
--	--
Formation ID:	930996032
Layer:	3
General Color:	
Most Common Material:	QUICKSAND
Other Materials:	
Other Materials:	
Formation Top Depth:	50
Formation End Depth:	56
Formation End Depth UOM:	ft
--	--
Formation ID:	930996033
Layer:	4
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	56
Formation End Depth:	70
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503109
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573722
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930043072
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	56
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043073
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503109
Pump Set At:	
Static Level:	30
Final Level After Pumping:	35

Recommended Pump Depth:	60
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	10
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933455963
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	68
Water Found Depth UOM:	ft
--	--
--	--

2 ***1 of 2*** ***NNE/101.1*** ***130.7*** ***ON*** ***BORE***

Borehole ID:	609600	***Type:***	Borehole
Use:		***Status::***	
Drill Method::		***UTM Zone::***	18
Easting::	425051	***Northing::***	5014362
Location Accuracy::		***Orig. Ground Elev m::***	134
Elev. Reliability Note::		***DEM Ground Elev m::***	129
Total Depth m::	32.9	***Primary Name::***	
Township::		***Concession::***	
Lot::		***Municipality:***	
Completion Date::	AUG-1970	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	218383605	***Top Depth(m):***	0.0
Bottom Depth(m):	9.1	***Stratum Desc:***	SAND. BROWN.
Stratum ID:	218383606	***Top Depth(m):***	9.1
Bottom Depth(m):	12.2	***Stratum Desc:***	SAND. GREY.
Stratum ID:	218383607	***Top Depth(m):***	12.2
Bottom Depth(m):	13.4	***Stratum Desc:***	SAND,BOULDERS. GREY.
Stratum ID:	218383608	***Top Depth(m):***	13.4
Bottom Depth(m):	32.9	***Stratum Desc:***	LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500. BEDROCK. SEISMIC VELOCITY = 170

2 ***2 of 2*** ***NNE/101.1*** ***130.7*** ***lot 2 con 3 ON*** ***WWIS***

Well ID:	1510764	***Lot:***	002
Construction Date::		***Concession:***	03
Primary Water Use::	Domestic	***Concession Name:***	CON
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	

Specific Capacity:: ***Zone::***
Municipality: HUNTLEY TOWNSHIP ***UTM Reliability::***
County: OTTAWA-CARLETON

Bore Hole Information

--	--
Bore Hole ID:	10032781
DP2BR:	44
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	19-AUG-70
Remarks:	
Zone:	18
East 83:	425050.6
North 83:	5014362
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	129.47
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	931015773
Layer:	1
General Color:	BROWN
Most Common Material:	FINE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft
--	--
Formation ID:	931015774
Layer:	2
General Color:	GREY
Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	40
Formation End Depth UOM:	ft
--	--
Formation ID:	931015775
Layer:	3
General Color:	GREY
Most Common Material:	MEDIUM SAND
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	44
Formation End Depth UOM:	ft
--	--
Formation ID:	931015776
Layer:	4
General Color:	GREY

Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	44
Formation End Depth:	108
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961510764
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10581351
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930058122
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930058123
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	108
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991510764
Pump Set At:	
Static Level:	27
Final Level After Pumping:	27
Recommended Pump Depth:	40
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934097346
Pump Test ID:	991510764
Test Type:	Draw Down

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

Test Duration:	15
Test Level:	27
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934380081
Pump Test ID:	991510764
Test Type:	Draw Down
Test Duration:	30
Test Level:	27
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934641657
Pump Test ID:	991510764
Test Type:	Draw Down
Test Duration:	45
Test Level:	27
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934898025
Pump Test ID:	991510764
Test Type:	Draw Down
Test Duration:	60
Test Level:	27
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933465802
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	106
Water Found Depth UOM:	ft
--	--
--	--

---

3 | **1 of 1** | **NNE/104.3** | **130.6** | **2141 Carp Rd**
Ottawa ON K0A1L0 | **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20131003025
Addit. Info Ordered::	Aerial Photos
Report Date:	15-OCT-13
Report Type:	Standard Report
Search Radius (km):	.25

---

4 | **1 of 14** | **NNE/106.4** | **130.7** | **APOS CONVENIENCE LTD**
2141 CARP RD RR 3
CARP ON | **EXP**

Instance No:	9633472
Instance ID:	387525
Instance Type:	FS Facility
Description:	FS Propane Refill Cntr - Cylr Fill
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Expired Date:					

4	2 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON K0A 1L0	EXP

Instance No: 11370184
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/13/2009

4	3 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON K0A 1L0	EXP

Instance No: 11370153
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/13/2009

4	4 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON K0A 1L0	EXP

Instance No: 11370170
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/13/2009

4	5 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON K0A 1L0	EXP

Instance No: 10655409
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 5/13/2009

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	6 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON	EXP

Instance No:	11370205
Instance ID:	80327
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	7 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RD RR 3 CARP ON	EXP

Instance No:	11370220
Instance ID:	80932
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	8 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RDRR 3 CARP ON K0A 1L0	EXP

Instance No:	10655409
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	5/13/2009

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	9 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RDRR 3 CARP ON K0A 1L0	EXP

Instance No:	11370184
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Self Serve
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	FS Liquid Fuel Tank
Expired Date:	5/13/2009

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	10 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RDRR 3	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				CARP ON K0A 1L0	

Instance No: 11370153
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/13/2009

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	11 of 14	NNE/106.4	130.7	APOS CONVENIENCE LTD ANAND BANSAL 2141 CARP RDRR 3 CARP ON K0A 1L0	EXP

Instance No: 11370170
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Self Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 5/13/2009

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	12 of 14	NNE/106.4	130.7	1287438 ONTARIO LTD 2141 CARP RDRR 3 CARP ON K0A 1L0	FST

Instance No: 31824769
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Diesel
Status: Active
Capacity: 25000
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Double Wall UST
Install Year: 2004
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Type: FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	13 of 14	NNE/106.4	130.7	1287438 ONTARIO LTD 2141 CARP RDRR 3 CARP ON K0A 1L0	FST

Instance No: 31824770
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
Status: Active
Capacity: 50000
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Double Wall UST
Install Year: 2004
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Type: FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	14 of 14	NNE/106.4	130.7	1287438 ONTARIO LTD 2141 CARP RDRR 3 CARP ON K0A 1L0	FST

Instance No: 31824768
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
Status: Active
Capacity: 25000
Tank Material: Fiberglass (FRP)
Corrosion Protection: Fiberglass
Tank Type: Double Wall UST
Install Year: 2004
Parent Facility Type: FS Gasoline Station - Self Serve
Facility Type: FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 2	ENE/145.6	127.9	ON	BORE

Borehole ID: 609599
Use:
Drill Method::
Easting:: 425141
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 38.1
Township::
Lot::
Completion Date:: JUN-1963
Primary Water Use::

Type: Borehole
Status::
UTM Zone:: 18
Northing:: 5014322
Orig. Ground Elev m:: 132
DEM Ground Elev m:: 129
Primary Name::
Concession::
Municipality:
Static Water Level:: 105
Sec. Water Use::

--Details--

Stratum ID: 218383603
Bottom Depth(m): 17.1
Top Depth(m): 0.0
Stratum Desc: GRAVEL,BOULDERS.

Stratum ID: 218383604
Bottom Depth(m): 38.1
Top Depth(m): 17.1
Stratum Desc: LIMESTONE. 00115E. 00089FEET.VERY DENSE. BEDROCK. SEISMIC VELOCITY = 11500.

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	2 of 2	ENE/145.6	127.9	lot 2 con 3 ON	WWIS

Well ID: 1503110
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON

Lot: 002
Concession: 03
Concession Name: CON
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 10025153
DP2BR: 56
Code OB: r
Code OB Description: Bedrock
Open Hole:

Date Completed:	04-JUN-63
Remarks:	
Zone:	18
East 83:	425140.6
North 83:	5014322
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	129.23
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	930996034
Layer:	1
General Color:	
Most Common Material:	GRAVEL
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	56
Formation End Depth UOM:	ft
--	--
Formation ID:	930996035
Layer:	2
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	56
Formation End Depth:	125
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503110
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573723
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930043074
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch

Casing Depth UOM:	ft
--	--
Casing ID:	930043075
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503110
Pump Set At:	
Static Level:	26
Final Level After Pumping:	80
Recommended Pump Depth:	105
Pumping Rate:	7
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
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933455964
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	1 of 2	NNE/153.4	129.0	APOS CONVENIENCE LTD ANAND BANSAL 2145 CARP RD RR 3 CARP ON K0A 1L0	FSTH

License Issue Date:	4/1/2002
Tank Status:	Licensed
Tank Status As Of:	August 2007
Operation Type:	Retail Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

--Details--

Status:	Removed
Year of Installation:	1985
Corrosion Protection:	
Capacity:	35000
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

Status:	Removed
Year of Installation:	1985
Corrosion Protection:	
Capacity:	25000
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 35000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Removed
Year of Installation: 1985
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

---

6 | **2 of 2** | **NNE/153.4** | **129.0** | **APOS CONVENIENCE LTD ANAND BANSAL**
2145 CARP RD RR 3
CARP ON K0A 1L0 | **FSTH**

License Issue Date: 4/1/2002
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2004
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2004
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Diesel

Status: Active
Year of Installation: 2004
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

---

7 | **1 of 1** | **NE/156.0** | **128.5** | **lot 1 con 3**
ON | **WWIS**

Well ID: 1503103
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON

Lot: 001
Concession: 03
Concession Name: CON
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 10025146
DP2BR: 48
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 25-APR-67

Remarks:	
Zone:	18
East 83:	425090.6
North 83:	5014402
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	129.03
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	930996014
Layer:	1
General Color:	
Most Common Material:	GRAVEL
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft
--	--
Formation ID:	930996015
Layer:	2
General Color:	
Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	48
Formation End Depth UOM:	ft
--	--
Formation ID:	930996016
Layer:	3
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	48
Formation End Depth:	74
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503103
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573716
Casing Number:	1
Comment:	
Alt Name:	
--	--

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

Construction Record - Casing	
--	--
Casing ID:	930043058
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043059
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	74
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503103
Pump Set At:	
Static Level:	27
Final Level After Pumping:	30
Recommended Pump Depth:	55
Pumping Rate:	10
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
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933455956
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	*1 of 1*	*NW/156.4*	*128.4*	*lot 2 con 3 ON*	*WWIS*

Well ID:	1532971	***Lot:***	002
Construction Date::		***Concession:***	03
Primary Water Use::		***Concession Name:***	CON
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Abandoned-Other	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	HUNTLEY TOWNSHIP	***UTM Reliability::***	
County:	OTTAWA-CARLETON		

Bore Hole Information	
--	--
Bore Hole ID:	10529718

DP2BR:	
Code OB:	_
Code OB Description:	No formation data
Open Hole:	
Date Completed:	20-NOV-01
Remarks:	
Zone:	18
East 83:	424876.2
North 83:	5014363
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	gis
Org CS:	
Elevation:	127.04
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961532971
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11078288
Casing Number:	1
Comment:	
Alt Name:	
--	--

9 | ***1 of 1*** | ***N/163.6*** | ***126.5*** | ***lot 2 con 3 ON*** | ***WWIS***

Well ID:	1515112	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::	Industrial	**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10037074
DP2BR:	20
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	23-DEC-75
Remarks:	
Zone:	18
East 83:	424997.6
North 83:	5014436
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m

Location Method:	p4
Org CS:	
Elevation:	127.25
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931028268
Layer:	1
General Color:	
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft
--	--
Formation ID:	931028269
Layer:	2
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	124
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961515112
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10585644
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930065533
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991515112
Pump Set At:	
Static Level:	20

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

Final Level After Pumping:	42
Recommended Pump Depth:	100
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	20
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:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934099933
Pump Test ID:	991515112
Test Type:	Recovery
Test Duration:	15
Test Level:	20
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934375854
Pump Test ID:	991515112
Test Type:	Recovery
Test Duration:	30
Test Level:	20
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934645737
Pump Test ID:	991515112
Test Type:	Recovery
Test Duration:	45
Test Level:	20
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934894443
Pump Test ID:	991515112
Test Type:	Recovery
Test Duration:	60
Test Level:	20
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933471120
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft
--	--
Water ID:	933471121
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	124
Water Found Depth UOM:	ft
--	--
--	--

10	**1 of 1**	**WSW/173.7**	**129.9**	**lot 2 con 3 ON**	**WWIS**

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

Well ID:	1532968	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::		**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Abandoned-Other	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10529715
DP2BR:	
Code OB:	
Code OB Description:	No formation data
Open Hole:	
Date Completed:	19-NOV-01
Remarks:	
Zone:	18
East 83:	424835.2
North 83:	5014230
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	gis
Org CS:	
Elevation:	128.68
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961532968
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11078285
Casing Number:	1
Comment:	
Alt Name:	
--	--

11	1 of 1	S/195.4	130.8	lot 2 con 3 ON	WWIS

Well ID:	1532970	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::		**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Abandoned-Other	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

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

--	--
Bore Hole ID:	10529717
DP2BR:	
Code OB:	_
Code OB Description:	No formation data
Open Hole:	
Date Completed:	20-NOV-01
Remarks:	
Zone:	18
East 83:	425031.2
North 83:	5014079
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	gis
Org CS:	
Elevation:	127.67
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961532970
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11078287
Casing Number:	1
Comment:	
Alt Name:	
--	--

12	1 of 1	NE/195.5	126.0	lot 2 con 2 ON	WWIS

Well ID:	1503056	Lot:	002
Construction Date::		Concession:	02
Primary Water Use::	Public	Concession Name:	CON
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Water Supply	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	HUNTLEY TOWNSHIP	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information	
--	--
Bore Hole ID:	10025099
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	10-MAY-60
Remarks:	
Zone:	18
East 83:	425165.6
North 83:	5014382

UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	126.59
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	930995886
Layer:	1
General Color:	
Most Common Material:	GRAVEL
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	930995887
Layer:	2
General Color:	RED
Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	26
Formation End Depth UOM:	ft
--	--
Formation ID:	930995888
Layer:	3
General Color:	
Most Common Material:	GRAVEL
Other Materials:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	33
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503056
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573669
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930042977
Layer:	1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	33
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503056
Pump Set At:	
Static Level:	12
Final Level After Pumping:	25
Recommended Pump Depth:	25
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:	0
Pumping Duration MIN:	30
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933455898
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	33
Water Found Depth UOM:	ft
--	--
--	--

13 | **1 of 1** | **SE/197.0** | **128.6** | **lot 2 con 3 ON** | **WWIS**

Well ID:	1517780	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::	Domestic	**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10039652
DP2BR:	29
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	29-SEP-81
Remarks:	
Zone:	18
East 83:	425129.6
North 83:	5014121
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	

Elevation:	129.42
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931036313
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft
--	--
Formation ID:	931036314
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	29
Formation End Depth UOM:	ft
--	--
Formation ID:	931036315
Layer:	3
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	29
Formation End Depth:	60
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961517780
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10588222
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930069318
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	32
Casing Diameter:	6

Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930069319
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991517780
Pump Set At:	
Static Level:	15
Final Level After Pumping:	35
Recommended Pump Depth:	50
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:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934102990
Pump Test ID:	991517780
Test Type:	Draw Down
Test Duration:	15
Test Level:	35
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934376610
Pump Test ID:	991517780
Test Type:	Draw Down
Test Duration:	30
Test Level:	35
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934646446
Pump Test ID:	991517780
Test Type:	Draw Down
Test Duration:	45
Test Level:	35
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934896138
Pump Test ID:	991517780
Test Type:	Draw Down
Test Duration:	60
Test Level:	35
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933474329
Layer:	1

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

Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	1 of 1	S/210.8	131.0	City of Ottawa 200 Westbrook Road City of Ottawa ON	ECA

Approval No:	0820-A4LJ4E
Project Type:	Industrial Sewage Works
Date:	2016-04-28
Status:	Approved
Longitude:	
Latitude:	
Record Type:	
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/6365-9WENLY-14.pdf
Full Address:	200 Westbrook Road City of Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
15	1 of 1	W/214.8	128.1	2125 Carp Road Ottawa ON	EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20090714030
Addit. Info Ordered::	
Report Date:	7/23/2009
Report Type:	Custom Report
Search Radius (km):	0.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
16	1 of 2	W/225.9	129.7	CARP ON	WWIS

Well ID:	7188050	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::	Test Hole	**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Test Hole	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	1004164634
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	27-AUG-12
Remarks:	
Zone:	18
East 83:	424780
North 83:	5014240
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m

Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1004449513
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	DRY
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2.49
Formation End Depth UOM:	m
--	--
Formation ID:	1004449514
Layer:	2
General Color:	BROWN
Most Common Material:	SILT
Other Materials:	HARD
Other Materials:	PACKED
Formation Top Depth:	2.49
Formation End Depth:	6.71
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1004449521
Layer:	1
Plug From:	0
Plug To:	3.35
Plug Depth UOM:	m
--	--
Plug ID:	1004449522
Layer:	2
Plug From:	3.35
Plug To:	6.71
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1004449520
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1004449512
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	

--	--
Casing ID:	1004449517
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.66
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1004449518
Layer:	1
Slot:	10
Screen Top Depth:	3.66
Screen End Depth:	6.71
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82
--	--
Hole Diameter	
--	--
Hole ID:	1004449515
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

16 **2 of 2** **W/225.9** **129.7** **CARP ON** **WWIS**

Well ID:	7188051	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::	Monitoring and Test Hole	**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Test Hole	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information	
--	--
Bore Hole ID:	1004164637
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	27-AUG-12
Remarks:	
Zone:	18
East 83:	424780
North 83:	5014241
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	

Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1004449524
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SOFT
Other Materials:	DRY
Formation Top Depth:	0
Formation End Depth:	2.44
Formation End Depth UOM:	m
--	--
Formation ID:	1004449525
Layer:	2
General Color:	BROWN
Most Common Material:	SILT
Other Materials:	HARD
Other Materials:	PACKED
Formation Top Depth:	2.44
Formation End Depth:	6.71
Formation End Depth UOM:	m
--	--
Formation ID:	1004449526
Layer:	3
General Color:	GREY
Most Common Material:	BOULDERS
Other Materials:	GRAVEL
Other Materials:	SAND
Formation Top Depth:	6.71
Formation End Depth:	9.45
Formation End Depth UOM:	m
--	--
Formation ID:	1004449527
Layer:	4
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	HARD
Other Materials:	FRACTURED
Formation Top Depth:	9.45
Formation End Depth:	13.1
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1004449536
Layer:	1
Plug From:	0
Plug To:	10.06
Plug Depth UOM:	m
--	--
Plug ID:	1004449537
Layer:	2
Plug From:	10.06
Plug To:	13.1
Plug Depth UOM:	m
--	--
Method of Construction & Well	

Use	
--	--
Method Construction ID:	1004449535
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1004449523
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1004449531
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10.06
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1004449532
Layer:	1
Slot:	10
Screen Top Depth:	10.06
Screen End Depth:	13.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82
--	--
Hole Diameter	
--	--
Hole ID:	1004449528
Diameter:	11.43
Depth From:	0
Depth To:	7.93
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
Hole ID:	1004449529
Diameter:	8
Depth From:	7.93
Depth To:	13.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

17 ***1 of 1*** ***NE/232.0*** ***125.6*** ***ON*** ***BORE***

Borehole ID:	609603	***Type:***	Borehole
Use:		***Status::***	
Drill Method::		***UTM Zone::***	18
Easting::	425151	***Northing::***	5014452
Location Accuracy::		***Orig. Ground Elev m::***	128
Elev. Reliability Note::		***DEM Ground Elev m::***	124

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

Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218383614	**Top Depth(m):**	0.0
Bottom Depth(m):	4.6	**Stratum Desc:**	GRAVEL.
Stratum ID:	218383615	**Top Depth(m):**	4.6
Bottom Depth(m):	7.9	**Stratum Desc:**	SAND.
Stratum ID:	218383616	**Top Depth(m):**	7.9
Bottom Depth(m):		**Stratum Desc:**	GRAVEL. 0083ERS. GREY. LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500.

18	1 of 4	SSE/240.5	129.7	**195 Westbrook Rd** **Ottawa ON K0A1L0**	EHS

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20140204016
Addit. Info Ordered::	
Report Date:	10-FEB-14
Report Type:	Custom Report
Search Radius (km):	.25

18	2 of 4	SSE/240.5	129.7	**GENTIAN ELECTRONICS LTD** **195 WESTBROOK RD WEST CARLTON IND PARK** **STITTSVILLE ON K2S 1B3**	SCT

Established:	1977
Plant Size (ft²):	3600
Employment:	5

--Details--

Description:	Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code:	334110
Description:	Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code:	334410

18	3 of 4	SSE/240.5	129.7	**GENTIAN ELECTRONICS LTD** **195 WESTBROOK RD WEST CARLTON INDUSTRIAL PARK** **STITTSVILLE ON K2S**	SCT

Established:	1977
Plant Size (ft²):	3600
Employment:	5

--Details--

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

Description: COMPUTER PERIPHERAL EQUIPMENT, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3577

Description: ELECTRONIC COMPONENTS, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3679

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18 | **4 of 4** | **SSE/240.5** | **129.7** | **GENTIAN ELECTRONICS LTD.**
195 Westbrook Rd West Carlton Ind Park
Stittsville ON K2S 1B3 | **SCT**

Established: 1977
Plant Size (ft²): 3600
Employment: 5

--Details--
Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Description: Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code: 334410

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19 | **1 of 1** | **E/251.3** | **126.5** | **lot 2 con 3**
ON | **WWIS**

Well ID: 1532967
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status:: Abandoned-Other
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON

Lot: 002
Concession: 03
Concession Name: CON
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 10529714
DP2BR:
Code OB: _
Code OB Description: No formation data
Open Hole:
Date Completed: 19-NOV-01
Remarks:
Zone: 18
East 83: 425252.2
North 83: 5014235
UTMRC: 5
UTMRC Description: margin of error : 100 m - 300 m
Location Method: gis
Org CS:
Elevation: 127.99
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
-- --
Method of Construction & Well Use

--	--
Method Construction ID:	961532967
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11078284
Casing Number:	1
Comment:	
Alt Name:	
--	--

---

20 **1 of 2** **N/261.6** **124.0** **ON** **BORE**

Borehole ID:	609606	Type:	Borehole
Use:		Status::	
Drill Method::		UTM Zone::	18
Easting::	424971	Northing::	5014532
Location Accuracy::		Orig. Ground Elev m::	131
Elev. Reliability Note::		DEM Ground Elev m::	125
Total Depth m::	43	Primary Name::	
Township::		Concession::	
Lot::		Municipality:	
Completion Date::	APR-1957	Static Water Level::	-999.9
Primary Water Use::		Sec. Water Use::	

--Details--

Stratum ID:	218383621	Top Depth(m):	0.0
Bottom Depth(m):	15.8	Stratum Desc:	GRAVEL,HARDPAN.
Stratum ID:	218383622	Top Depth(m):	15.8
Bottom Depth(m):	43.0	Stratum Desc:	LIMESTONE. 00135ERS. GREY. LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500.

---

20 **2 of 2** **N/261.6** **124.0** **lot 2 con 3 ON** **WWIS**

Well ID:	1503108	Lot:	002
Construction Date::		Concession:	03
Primary Water Use::	Domestic	Concession Name:	CON
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Water Supply	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	HUNTLEY TOWNSHIP	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10025151
DP2BR:	52
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	10-APR-57
Remarks:	
Zone:	18
East 83:	424970.6
North 83:	5014532

UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	125.6
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	930996028
Layer:	1
General Color:	
Most Common Material:	GRAVEL
Other Materials:	HARDPAN
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	52
Formation End Depth UOM:	ft
--	--
Formation ID:	930996029
Layer:	2
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	52
Formation End Depth:	141
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503108
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573721
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930043069
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043070
Layer:	2
Open Hole or Material:	STEEL

Depth From:	
Depth To:	66
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043071
Layer:	3
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	141
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503108
Pump Set At:	
Static Level:	32
Final Level After Pumping:	60
Recommended Pump Depth:	
Pumping Rate:	5
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:	N
--	--
Water Details	
--	--
Water ID:	933455962
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	135
Water Found Depth UOM:	ft
--	--
--	--

21 ***1 of 1*** ***S/262.1*** ***127.3*** ***lot 1 con 3 ON*** ***WWIS***

Well ID:	1532966	***Lot:***	001
Construction Date::		***Concession:***	03
Primary Water Use::		***Concession Name:***	CON
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Abandoned-Other	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	HUNTLEY TOWNSHIP	***UTM Reliability::***	
County:	OTTAWA-CARLETON		

Bore Hole Information	
--	--
Bore Hole ID:	10529713
DP2BR:	
Code OB:	_
Code OB Description:	No formation data
Open Hole:	
Date Completed:	19-NOV-01

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

Remarks:	
Zone:	18
East 83:	425047.2
North 83:	5014014
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	gis
Org CS:	
Elevation:	128.22
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961532966
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11078283
Casing Number:	1
Comment:	
Alt Name:	
--	--

22	***1 of 1***	***SSE/268.4***	***130.4***	***197 Westbrook Rd Ottawa ON K0A1L0***	***EHS***

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20130712025
Addit. Info Ordered::	City Directory
Report Date:	23-JUL-13
Report Type:	Standard Report
Search Radius (km):	.25

23	***1 of 1***	***SSE/277.1***	***130.2***	***197 Westbrook Rd Ottawa ON K0A1L0***	***EHS***

Postal Code:	K0A1L0
City:	Ottawa
Address2:	
Address1:	197 Westbrook Rd
Provstate:	ON
Order No.:	20160407086
Addit. Info Ordered::	
Report Date:	14-APR-16
Report Type:	Standard Report
Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
24	1 of 1	NNW/299.6	123.9	ON	BORE

Borehole ID:	848666	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	18
Easting::	424875	**Northing::**	5014543
Location Accuracy::		**Orig. Ground Elev m::**	131
Elev. Reliability Note::		**DEM Ground Elev m::**	123
Total Depth m::	11.1	**Primary Name::**	
Township::	HUNTLEY	**Concession::**	
Lot::	LOT 3	**Municipality:**	
Completion Date::	28-APR-1971	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6561819	**Top Depth(m):**	0.0
Bottom Depth(m):	11.1	**Stratum Desc:**	SAND TRACE TO SOME SILT OCC GRAVEL UNIFORMLY GRADED IRREGULARLY STRATIFIED BROWN DENSE TO VERY DENSE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	1 of 1	WNW/301.1	124.5	ON	BORE

Borehole ID:	848667	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	18
Easting::	424750	**Northing::**	5014434
Location Accuracy::		**Orig. Ground Elev m::**	6.6
Elev. Reliability Note::		**DEM Ground Elev m::**	125
Total Depth m::	129	**Primary Name::**	
Township::	HUNTLEY	**Concession::**	
Lot::	LOT 3	**Municipality:**	
Completion Date::	26-APR-1971	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6561820	**Top Depth(m):**	0.0
Bottom Depth(m):	6.6	**Stratum Desc:**	SAND TRACE TO SOME SILT UNIFORMLY GRADED IRREGULARLY STRATIFIED BROWN VERY DENSE ALSO SILTY FINE SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
26	1 of 1	ESE/306.1	127.9	ON	BORE

Borehole ID:	609592	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	425281	**Northing::**	5014142
Location Accuracy::		**Orig. Ground Elev m::**	129
Elev. Reliability Note::		**DEM Ground Elev m::**	129
Total Depth m::	-999	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::		**Static Water Level::**	15.5
Primary Water Use::		**Sec. Water Use::**	

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

--Details--

Stratum ID:	218383587	***Top Depth(m):***	0.0
Bottom Depth(m):	17.1	***Stratum Desc:***	GRAVEL.
Stratum ID:	218383588	***Top Depth(m):***	17.1
Bottom Depth(m):		***Stratum Desc:***	BEDROCK,LIMESTONE. WATER STABLE AT 374.0 FEET.53ITY = 3300. BEDROCK. SEISMIC VELOCITY = 1

---

27 ***1 of 1*** ***N/306.3*** ***125.0*** ***ON*** ***BORE***

Borehole ID:	848665	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Diamond Drill	***UTM Zone::***	18
Easting::	424983	***Northing::***	5014578
Location Accuracy::		***Orig. Ground Elev m::***	130
Elev. Reliability Note::		***DEM Ground Elev m::***	127
Total Depth m::	16.7	***Primary Name::***	
Township::	HUNTLEY	***Concession::***	
Lot::	ROAD	***Municipality:***	
Completion Date::	19-APR-1971	***Static Water Level::***	10
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6561815	***Top Depth(m):***	0.0
Bottom Depth(m):	0.5	***Stratum Desc:***	SAND SOME GRAVEL FILL BROWN DENSE
Stratum ID:	6561816	***Top Depth(m):***	0.5
Bottom Depth(m):	13.3	***Stratum Desc:***	SAND TRACE TO SOME SILT OCC GRAVEL THROUGHOUT BROWN DENSE TO VERY DENSE
Stratum ID:	6561817	***Top Depth(m):***	13.3
Bottom Depth(m):	13.6	***Stratum Desc:***	SILT BROWN VERY DENSE
Stratum ID:	6561818	***Top Depth(m):***	13.6
Bottom Depth(m):	16.7	***Stratum Desc:***	LIMESTONE BEDROCK SEAMS OF SHALE OCC SAND SEAMS UP TO 2 INCHES THICK GREY SOUND

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28 ***1 of 2*** ***SSE/318.3*** ***128.6*** ***103 Walgreen Rd Ottawa ON K0A1L0*** ***EHS***

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20140722087
Addit. Info Ordered::	
Report Date:	28-JUL-14
Report Type:	Custom Report
Search Radius (km):	.25

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28 ***2 of 2*** ***SSE/318.3*** ***128.6*** ***NORUPS INC. 103 WALGREEN RD CARP ON K0A 1L0*** ***SCT***

Established:	1977

Plant Size (ft²): 1000
Employment: 4

--Details--
Description: Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
SIC/NAICS Code: 333413

Description: Small Electrical Appliance Manufacturing
SIC/NAICS Code: 335210

Description: Household Appliance Wholesaler-Distributors
SIC/NAICS Code: 414220

Description: Electrical Wiring and Construction Supplies Wholesaler-Distributors
SIC/NAICS Code: 416110

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: COMPUTER PERIPHERAL EQUIPMENT, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3577

Description: RELAYS AND INDUSTRIAL CONTROLS
SIC/NAICS Code: 3625

Description: ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 3699

Description: COMPUTERS AND COMPUTER PERIPHERAL EQUIPMENT AND SOFTWARE
SIC/NAICS Code: 5045

Description: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIALS
SIC/NAICS Code: 5063

Description: Computer and Peripheral Equipment Manufacturing
SIC/NAICS Code: 334110

Description: Switchgear and Switchboard, and Relay and Industrial Control Apparatus Manufacturing
SIC/NAICS Code: 335315

Description: All Other Electrical Equipment and Component Manufacturing
SIC/NAICS Code: 335990

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29 ***1 of 1*** ***SSE/321.4*** ***128.6*** ***ON*** ***WWIS***

Well ID: 7237332
Construction Date::
Primary Water Use:: Test Hole
Sec. Water Use:: Monitoring
Final Well Status:: Test Hole
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
-- --
Bore Hole ID: 1005306197
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 16-DEC-14

Remarks:	
Zone:	18
East 83:	425139
North 83:	5013981
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1005552919
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.5
Formation End Depth UOM:	m
--	--
Formation ID:	1005552920
Layer:	2
General Color:	BROWN
Most Common Material:	FINE SAND
Other Materials:	SILT
Other Materials:	DENSE
Formation Top Depth:	1.5
Formation End Depth:	2.44
Formation End Depth UOM:	m
--	--
Formation ID:	1005552921
Layer:	3
General Color:	BROWN
Most Common Material:	FINE SAND
Other Materials:	SILT
Other Materials:	DENSE
Formation Top Depth:	2.44
Formation End Depth:	6.1
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005552930
Layer:	1
Plug From:	0
Plug To:	.31
Plug Depth UOM:	m
--	--
Plug ID:	1005552931
Layer:	2
Plug From:	.31
Plug To:	4.27
Plug Depth UOM:	m
--	--

Plug ID:	1005552932
Layer:	3
Plug From:	4.27
Plug To:	6.1
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005552929
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005552918
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005552925
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	4.57
Casing Diameter:	2.54
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005552926
Layer:	1
Slot:	10
Screen Top Depth:	4.57
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	3.34
--	--
Hole Diameter	
--	--
Hole ID:	1005552922
Diameter:	20.32
Depth From:	0
Depth To:	3.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
Hole ID:	1005552923
Diameter:	8.25
Depth From:	3.1
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

30	1 of 1	NNE/327.1	115.1	lot 2 con 2 Ottawa ON	WWIS

Well ID:	7179769	**Lot:**	002
Construction Date::		**Concession:**	02
Primary Water Use::		**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Abandoned-Other	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information	
--	--
Bore Hole ID:	1003712566
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	02-NOV-11
Remarks:	
Zone:	18
East 83:	425148
North 83:	5014566
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1004285273
Layer:	
General Color:	
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1004285279
Layer:	1
Plug From:	0
Plug To:	1.23
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1004285278
Method Construction Code:	
Method Construction:	
Other Method Construction:	
--	--

Pipe Information	
--	--
Pipe ID:	1004285272
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1004285276
Layer:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1004285277
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	
--	--
Hole Diameter	
--	--
Hole ID:	1004285274
Diameter:	15.24
Depth From:	0
Depth To:	1.23
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

31 ***1 of 1*** ***NW/332.3*** ***123.3*** ***ON*** ***BORE***

Borehole ID:	847939	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Hollow stem auger	***UTM Zone::***	18
Easting::	424789	***Northing::***	5014527
Location Accuracy::		***Orig. Ground Elev m::***	130
Elev. Reliability Note::		***DEM Ground Elev m::***	124
Total Depth m::	9.5	***Primary Name::***	
Township::	HUNTLEY	***Concession::***	
Lot::	LOT 3	***Municipality:***	
Completion Date::	26-APR-1971	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6559320	***Top Depth(m):***	0.0
Bottom Depth(m):	9.5	***Stratum Desc:***	SAND, TRACE OF SILT, UNIFORMLY GRADE - IRREGULARLY STRATIFIED, VERY DENSE, SAND AND GRAVEL, SILTY FINE SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
32	1 of 1	ESE/335.1	127.9	lot 2 con 3 ON	WWIS

Well ID: 1514202
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON

Lot: 002
Concession: 03
Concession Name: CON
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--	--
Bore Hole ID:	10036179
DP2BR:	8
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	15-DEC-73
Remarks:	
Zone:	18
East 83:	425310.6
North 83:	5014138
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	129.17
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	931025582
Layer:	1
General Color:	GREY
Most Common Material:	CLAY
Other Materials:	STONES
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft
--	--
Formation ID:	931025583
Layer:	2
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	94
Formation End Depth UOM:	ft
--	--

Method of Construction & Well Use

--	--
Method Construction ID:	961514202

Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10584749
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930063913
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930063914
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	94
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991514202
Pump Set At:	
Static Level:	12
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	8
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:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934099095
Pump Test ID:	991514202
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934381836
Pump Test ID:	991514202
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft
--	--

Pump Test Detail ID:	934642410
Pump Test ID:	991514202
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934900296
Pump Test ID:	991514202
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933470026
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	94
Water Found Depth UOM:	ft
--	--
--	--

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33 **1 of 2** **N/337.3** **122.4** **Carp Road And Higway 417 Carp ON** **EHS**

Postal Code:	
City:	
Address2:	
Address1:	
Provstate:	
Order No.:	20130411014
Addit. Info Ordered::	City Directory
Report Date:	19-APR-13
Report Type:	Custom Report
Search Radius (km):	.25

---

33 **2 of 2** **N/337.3** **122.4** **Ottawa ON** **WWIS**

Well ID:	7117411	**Lot:**	
Construction Date::		**Concession:**	
Primary Water Use::	Monitoring and Test Hole	**Concession Name:**	
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Monitoring and Test Hole	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:		**UTM Reliability::**	
County:			

Bore Hole Information	
--	--
Bore Hole ID:	1001944996
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	18-DEC-08
Remarks:	
Zone:	
East 83:	

North 83:	
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	1002581940
Layer:	1
General Color:	BLACK
Most Common Material:	PEAT
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m
--	--
Formation ID:	1002581941
Layer:	2
General Color:	BLACK
Most Common Material:	PEAT
Other Materials:	
Other Materials:	SOFT
Formation Top Depth:	1.22
Formation End Depth:	2.13
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1002581943
Layer:	1
Plug From:	0
Plug To:	.61
Plug Depth UOM:	m
--	--
Plug ID:	1002581944
Layer:	2
Plug From:	.61
Plug To:	2.13
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1002581950
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1002581939
Casing Number:	0
Comment:	

Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1002581946
Layer:	
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	.61
Casing Diameter:	.04
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1002581947
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	
--	--
Hole Diameter	
--	--
Hole ID:	1002581942
Diameter:	8.25
Depth From:	
Depth To:	2.13
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

34 ***1 of 1*** ***NNW/340.6*** ***121.9*** ***ON*** ***BORE***

Borehole ID:	847937	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Diamond Drill	***UTM Zone::***	18
Easting::	424934	***Northing::***	5014606
Location Accuracy::		***Orig. Ground Elev m::***	130
Elev. Reliability Note::		***DEM Ground Elev m::***	122
Total Depth m::	17.1	***Primary Name::***	
Township::	HUNTLEY	***Concession::***	
Lot::	LOT 3	***Municipality:***	
Completion Date::	27-APR-1971	***Static Water Level::***	10.4
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6559311	***Top Depth(m):***	0.0
Bottom Depth(m):	0.9	***Stratum Desc:***	SAND, SOME GRAVEL AND SILT (FILL) BROWN, COMPACT
Stratum ID:	6559312	***Top Depth(m):***	0.9
Bottom Depth(m):	7.2	***Stratum Desc:***	BOULDERS UP TO 9in. IN SIZE, SAND, TRACE TO SOME SILT, OCCASIONAL GRAVEL SIZES (UNIFORM-IRREGULARLY STRATIFIED) BROWN, COMPACT TO VERY DENSE

Stratum ID:	6559313	**Top Depth(m):**	7.2
Bottom Depth(m):	14.0	**Stratum Desc:**	HET.MIX. OF SILT, SAND AND GRAVEL, GLACIAL TILL, VERY BOULDERY THROUGHOUT-BOULDERS UP TO 10in. IN SIZE, GREY TO BROWN, VERY DENSE
Stratum ID:	6559314	**Top Depth(m):**	14.0
Bottom Depth(m):	17.1	**Stratum Desc:**	LIMESTONE BEDROCK, NUMEROUS SHALE SEAMS, GREY, SOUND

35 **1 of 1** **NNE/341.2** **116.0** **lot 2 con 2 CARP ON** **WWIS**

Well ID:	7042569	**Lot:**	002
Construction Date::		**Concession:**	02
Primary Water Use::	Not Used	**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Test Hole	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	11765063
DP2BR:	8
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	08-MAR-06
Remarks:	
Zone:	18
East 83:	425115
North 83:	5014595
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	116.66
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	933097286
Layer:	1
General Color:	
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	2.44
Formation End Depth UOM:	m
--	--
Formation ID:	933097287
Layer:	2
General Color:	GREY

Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	2.44
Formation End Depth:	27.43
Formation End Depth UOM:	m
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	933317046
Layer:	1
Plug From:	6.1
Plug To:	0
Plug Depth UOM:	m
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	967042569
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11772753
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930897918
Layer:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	6.71
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
Casing ID:	930897919
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	6.1
Depth To:	27.43
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m
--	--
Well Yield Testing	
--	--
Pump Test ID:	997042569
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	

Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Hole Diameter	
--	--
Hole ID:	11851343
Diameter:	15.23
Depth From:	0
Depth To:	27.43
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

---

36 **1 of 2** **NW/344.2** **124.2** **ON** **BORE**

Borehole ID:	609605	**Type:**	Borehole
Use:		**Status::**	
Drill Method::		**UTM Zone::**	18
Easting::	424731	**Northing::**	5014482
Location Accuracy::		**Orig. Ground Elev m::**	131
Elev. Reliability Note::		**DEM Ground Elev m::**	124
Total Depth m::	35.4	**Primary Name::**	
Township::		**Concession::**	
Lot::		**Municipality:**	
Completion Date::	MAR-1957	**Static Water Level::**	-999.9
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	218383619	**Top Depth(m):**	0.0
Bottom Depth(m):	18.9	**Stratum Desc:**	GRAVEL,HARDPAN.
Stratum ID:	218383620	**Top Depth(m):**	18.9
Bottom Depth(m):	35.4	**Stratum Desc:**	LIMESTONE. 00100ERS. GREY. LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500.

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36 **2 of 2** **NW/344.2** **124.2** **lot 2 con 3** **ON** **WWIS**

Well ID:	1503107	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::	Livestock	**Concession Name:**	CON
Sec. Water Use::	Domestic	**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10025150
DP2BR:	62
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	25-MAR-57
Remarks:	
Zone:	18
East 83:	424730.6

North 83:	5014482
UTMRC:	5
UTMRC Description:	margin of error : 100 m - 300 m
Location Method:	p5
Org CS:	
Elevation:	124.86
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	930996026
Layer:	1
General Color:	
Most Common Material:	GRAVEL
Other Materials:	HARDPAN
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	62
Formation End Depth UOM:	ft
--	--
Formation ID:	930996027
Layer:	2
General Color:	
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	62
Formation End Depth:	116
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961503107
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10573720
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930043066
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	62
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043067
Layer:	2

Open Hole or Material:	STEEL
Depth From:	
Depth To:	74
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930043068
Layer:	3
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	116
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991503107
Pump Set At:	
Static Level:	32
Final Level After Pumping:	48
Recommended Pump Depth:	
Pumping Rate:	5
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:	N
--	--
Water Details	
--	--
Water ID:	933455961
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	100
Water Found Depth UOM:	ft
--	--
--	--

37 ***1 of 1*** ***N/350.1*** ***122.0*** ***ON*** ***BORE***

Borehole ID:	847936	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Diamond Drill	***UTM Zone::***	18
Easting::	424948	***Northing::***	5014618
Location Accuracy::		***Orig. Ground Elev m::***	130
Elev. Reliability Note::		***DEM Ground Elev m::***	122
Total Depth m::	11.2	***Primary Name::***	
Township::	HUNTLEY	***Concession::***	
Lot::	ROAD	***Municipality:***	
Completion Date::	23-APR-1971	***Static Water Level::***	9.8
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6559308	***Top Depth(m):***	0.0
Bottom Depth(m):	0.9	***Stratum Desc:***	SAND, SOME GRAVEL AND SILT (FILL),

COMPACT

Stratum ID: 6559309
Bottom Depth(m): 7.8
Top Depth(m): 0.9
Stratum Desc: SAND, TRACE TO SOME SILT, OCCASIONAL GRAVEL (UNIFORMLY GRADED - IRREGULARLY STRATIFIED), BROWN, DENSE TO VERY DENSE

Stratum ID: 6559310
Bottom Depth(m): 11.2
Top Depth(m): 7.8
Stratum Desc: HET.MIX. OF SILT, SAND AND GRAVEL, GLACIAL TILL, (BOULDERS UP TO 16in. IN SIZE THROUGHOUT) (GREY), VERY DENSE

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38 | **1 of 1** | **E/354.2** | **120.9** | **lot 2 con 2 ON** | **WWIS**

Well ID: 7233118
Construction Date::
Primary Water Use:: Monitoring and Test Hole
Sec. Water Use::
Final Well Status:: Observation Wells
Specific Capacity::
Municipality: HUNTLEY TOWNSHIP
County: OTTAWA-CARLETON
Lot: 002
Concession: 02
Concession Name: CON
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--	--
Bore Hole ID:	1005251324
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	
Date Completed:	18-NOV-14
Remarks:	
Zone:	18
East 83:	425353
North 83:	5014331
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	1005418217
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	SILT
Other Materials:	TOPSOIL
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft
--	--

Formation ID:	1005418218
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	LOOSE
Formation Top Depth:	2
Formation End Depth:	12
Formation End Depth UOM:	ft
--	--
Formation ID:	1005418219
Layer:	3
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	
Other Materials:	LOOSE
Formation Top Depth:	12
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Annular Space/Abandonment Sealing Record	
--	--
Plug ID:	1005418227
Layer:	1
Plug From:	0
Plug To:	9
Plug Depth UOM:	ft
--	--
Plug ID:	1005418228
Layer:	2
Plug From:	9
Plug To:	15
Plug Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	1005418226
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	1005418216
Casing Number:	0
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	1005418222
Layer:	1
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	1005418223
Layer:	1

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

Slot:	.10
Screen Top Depth:	10
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125
--	--
Hole Diameter	
--	--
Hole ID:	1005418220
Diameter:	5
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
39	1 of 3	NNW/354.8	121.9	Southeast of Carp Road and Hwy 417 Interchange West Carleton ON	RSC

Registration No:	
RSC Type:	
Restoration Type:	Generic
Date Submitted:	11/11/99
Date Acknowledg.:	
Certification Date:	
Date Returned:	12/21/99
Soil Type:	Coarse
Criteria:	Ind/comm; nonpotable
Current Property Use:	
Certificate Prop Use No:	
Intended Prop Use:	
Applicable Standards:	
Stratified (Y/N):	N
Consultant:	
District Office:	Ottawa
Property Municipal Address:	
Legal Description:	
Prop. Identification No:	
Entire legal prop. (y/n):	
UTM Coordinates:	
Latitude & Longitude:	
Accuracy Estimate:	
Measurement Method:	
CPU Issued Sect 1686:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
39	2 of 3	NNW/354.8	121.9	TRANSPORT TRUCK TRACTOR TRAILER OVERTURN ON CARP ROAD AT 417 TRANSPORT TRUCK (CARGO) OTTAWA CITY ON	SPL

Ref No:	175822
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	TRUCK/TRAILER OVERTURN
Incident Dt:	12/14/1999
Incident Reason:	UNKNOWN
Incident Summary:	TRANSPORT TRUCK:SPILL OF GASOLINE CONTAMINATED SOIL TO ROADWAY.
MOE Reported Dt:	12/14/1999

Environmental Impact:	POSSIBLE
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	20101

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39 | **3 of 3** | **NNW/354.8** | **121.9** | ***Mulroney Trucking<UNOFFICIAL>*** ***CARP ROAD AT HIGHWAY 417*** ***WESTBOUND<UNOFFICIAL>*** ***Ottawa ON*** | **SPL**

Ref No:	0408-5YPMKL
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Quantity:	68.25 L
Incident Cause:	
Incident Dt:	5/5/2004
Incident Reason:	
Incident Summary:	Mulroney Trucking, 15 gall. hydraulic fluid
MOE Reported Dt:	5/5/2004
Environmental Impact:	Not Anticipated
Nature of Impact:	Soil Contamination
Receiving Medium:	Land
SAC Action Class:	Spill to Land
Sector Source Type:	Other Motor Vehicle
Receiving Environment:	
Incident Event:	
Site Municipality:	Ottawa

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40 | **1 of 1** | **NNW/356.4** | **122.0** | ***ON*** | **BORE**

Borehole ID:	847938	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	18
Easting::	424934	**Northing::**	5014622
Location Accuracy::		**Orig. Ground Elev m::**	130
Elev. Reliability Note::		**DEM Ground Elev m::**	124
Total Depth m::	16.7	**Primary Name::**	
Township::	HUNTLEY	**Concession::**	
Lot::	ROAD	**Municipality:**	
Completion Date::	21-APR-1971	**Static Water Level::**	10
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6559315	**Top Depth(m):**	0.0
Bottom Depth(m):	0.5	**Stratum Desc:**	SAND AND SOME GRAVEL (FILL), BROWN, DENSE
Stratum ID:	6559316	**Top Depth(m):**	0.5
Bottom Depth(m):	13.3	**Stratum Desc:**	SAND, TRACE TO SOME SILT (OCCASIONAL GRAVEL THROUGHOUT), BROWN, DENSE TO VERY DENSE
Stratum ID:	6559317	**Top Depth(m):**	13.3
Bottom Depth(m):	13.6	**Stratum Desc:**	SILT, BROWN, VERY DENSE, GLACIAL TILL, VERY DENSE
Stratum ID:	6559318	**Top Depth(m):**	13.6

Bottom Depth(m):	16.7	**Stratum Desc:**	LIMESTONE BEDROCK, SEAMS OF SHALE, OCC. SAND SEAMS UP TO 2in. THICK, GREY, SOUND

41 **1 of 2** **ESE/359.4** **128.2** **lot 2 con 3 ON** **WWIS**

Well ID:	1519389	**Lot:**	002
Construction Date::		**Concession:**	03
Primary Water Use::	Domestic	**Concession Name:**	CON
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	HUNTLEY TOWNSHIP	**UTM Reliability::**	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	10041259
DP2BR:	45
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	18-OCT-84
Remarks:	
Zone:	18
East 83:	425329.6
North 83:	5014121
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	128.99
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	931041538
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft
--	--
Formation ID:	931041539
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	STONES
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	35
Formation End Depth UOM:	ft

--	--
Formation ID:	931041540
Layer:	3
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	45
Formation End Depth UOM:	ft
--	--
Formation ID:	931041541
Layer:	4
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	45
Formation End Depth:	75
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961519389
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10589829
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930072036
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930072037
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991519389
Pump Set At:	
Static Level:	35
Final Level After Pumping:	40
Recommended Pump Depth:	60
Pumping Rate:	30
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:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934108046
Pump Test ID:	991519389
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934382783
Pump Test ID:	991519389
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934652198
Pump Test ID:	991519389
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934893522
Pump Test ID:	991519389
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933476362
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	70
Water Found Depth UOM:	ft
--	--
--	--

41 ***2 of 2*** ***ESE/359.4*** ***128.2*** ***lot 2 con 3 ON*** ***WWIS***

Well ID:	1519390	***Lot:***	002
Construction Date::		***Concession:***	03
Primary Water Use::	Domestic	***Concession Name:***	CON
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	HUNTLEY TOWNSHIP	***UTM Reliability::***	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--

Bore Hole ID:	10041260
DP2BR:	48
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	17-OCT-84
Remarks:	
Zone:	18
East 83:	425329.6
North 83:	5014121
UTMRC:	4
UTMRC Description:	margin of error : 30 m - 100 m
Location Method:	p4
Org CS:	
Elevation:	128.99
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	931041542
Layer:	1
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	BOULDERS
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft
--	--
Formation ID:	931041543
Layer:	2
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	STONES
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	38
Formation End Depth UOM:	ft
--	--
Formation ID:	931041544
Layer:	3
General Color:	BROWN
Most Common Material:	SAND
Other Materials:	GRAVEL
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	48
Formation End Depth UOM:	ft
--	--
Formation ID:	931041545
Layer:	4
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	48
Formation End Depth:	75
Formation End Depth UOM:	ft

--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	961519390
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	10589830
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930072038
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	48
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Casing ID:	930072039
Layer:	2
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
Well Yield Testing	
--	--
Pump Test ID:	991519390
Pump Set At:	
Static Level:	30
Final Level After Pumping:	40
Recommended Pump Depth:	60
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	6
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:	N
--	--
Draw Down & Recovery	
--	--
Pump Test Detail ID:	934108047
Pump Test ID:	991519390
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934382784
Pump Test ID:	991519390

Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934652199
Pump Test ID:	991519390
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft
--	--
Pump Test Detail ID:	934893523
Pump Test ID:	991519390
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft
--	--
--	--
Water Details	
--	--
Water ID:	933476363
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	70
Water Found Depth UOM:	ft
--	--
--	--

42 | ***1 of 1*** | ***NNW/365.0*** | ***121.9*** | ***ON*** | ***BORE***

Borehole ID:	847940	***Type:***	Borehole
Use:	Geotechnical/Geological Investigation	***Status::***	Decommissioned
Drill Method::	Diamond Drill	***UTM Zone::***	18
Easting::	424917	***Northing::***	5014627
Location Accuracy::		***Orig. Ground Elev m::***	130
Elev. Reliability Note::		***DEM Ground Elev m::***	124
Total Depth m::	7.5	***Primary Name::***	
Township::	HUNTLEY	***Concession::***	
Lot::	LOT 3	***Municipality:***	
Completion Date::	29-APR-1971	***Static Water Level::***	-999.9
Primary Water Use::		***Sec. Water Use::***	

--Details--

Stratum ID:	6559321	***Top Depth(m):***	0.0
Bottom Depth(m):	0.6	***Stratum Desc:***	SAND AND GRAVEL (FILL), COMPACT
Stratum ID:	6559322	***Top Depth(m):***	0.6
Bottom Depth(m):	7.3	***Stratum Desc:***	SAND, TRACE TO SOME SILT, OCC. GRAVEL UNIFORMLY GRADED - IRREGULARLY STRATIFIED BROWN, VERY DENSE
Stratum ID:	6559323	***Top Depth(m):***	7.3
Bottom Depth(m):	7.5	***Stratum Desc:***	HET.MIX. OF SILT, SAND AND GRAVEL, GLACIAL TILL, VERY DENSE

43 | ***1 of 1*** | ***S/367.0*** | ***127.7*** | ***Luxcom Technologies Inc.*** ***102 Walgreen Rd*** | ***SCT***

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				Carp ON K0A 1L0	

Established: 01-JUL-87
Plant Size (ft²): 3000
Employment:

--Details--
Description: Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code: 334410

Description: Semiconductor and Other Electronic Component Manufacturing
SIC/NAICS Code: 334410

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44 | **1 of 1** | **E/370.5** | **121.2** | **2110 Carp Road Ottawa ON** | **EHS**

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20080226041
Addit. Info Ordered::
Report Date: 3/6/2008
Report Type: Complete Report
Search Radius (km): 0.25

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45 | **1 of 1** | **NNW/390.6** | **124.2** | **ON** | **BORE**

Borehole ID: 847935
Use: Geotechnical/Geological Investigation
Drill Method:: Diamond Drill
Easting:: 424899
Location Accuracy::
Elev. Reliability Note::
Total Depth m:: 12.2
Township:: HUNTLEY
Lot:: LOT 3
Completion Date:: 29-APR-1971
Primary Water Use::
Type: Borehole
Status:: Decommissioned
UTM Zone:: 18
Northing:: 5014649
Orig. Ground Elev m:: 130
DEM Ground Elev m:: 127
Primary Name::
Concession::
Municipality:
Static Water Level:: 11
Sec. Water Use::

--Details--
Stratum ID: 6559305
Bottom Depth(m): 0.6
Top Depth(m): 0.0
Stratum Desc: GRAVEL, SAND, TRACE OF SILT (FILL) COMPACT.

Stratum ID: 6559306
Bottom Depth(m): 8.2
Top Depth(m): 0.6
Stratum Desc: SAND, TRACE TO SOME SILT, OCCASIONAL GRAVEL THROUGHOUT (UNIFORMLY GRADED - IRREGULARLY STRATIFIED) BROWN, DENSE TO V. DENSE

Stratum ID: 6559307
Bottom Depth(m): 12.2
Top Depth(m): 8.2
Stratum Desc: HET.MIX. OF SAND AND GRAVEL, TRACE OF SILT, GLACIAL TILL (OCC. BOULDERS UP TO 7 IN. IN SIZE), GREY V. DENSE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
46	1 of 1	NNW/398.3	123.9	ON	BORE

Borehole ID:	847934	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status::**	Decommissioned
Drill Method::	Diamond Drill	**UTM Zone::**	18
Easting::	424912	**Northing::**	5014660
Location Accuracy::		**Orig. Ground Elev m::**	130
Elev. Reliability Note::		**DEM Ground Elev m::**	126
Total Depth m::	15.1	**Primary Name::**	
Township::	HUNTLEY	**Concession::**	
Lot::	ROAD	**Municipality:**	
Completion Date::	21-APR-1971	**Static Water Level::**	11
Primary Water Use::		**Sec. Water Use::**	

--Details--

Stratum ID:	6559301	**Top Depth(m):**	0.0
Bottom Depth(m):	0.6	**Stratum Desc:**	GRAVEL, SAND TRACE OF ORGANIC MATTER (FILL).
Stratum ID:	6559302	**Top Depth(m):**	0.6
Bottom Depth(m):	10.4	**Stratum Desc:**	COMPACT, BOULDERS UP TO 6in. IN SIZE SAND, TRACE TO SOME SILT, OCCASIONAL GRAVEL (UNIFORMLY GRADED-IRREGULARLY STRATIFIED), BROWN, COMPACT TO V. DENSE.
Stratum ID:	6559303	**Top Depth(m):**	10.4
Bottom Depth(m):	12.8	**Stratum Desc:**	HET.MIX. SAND AND GRAVEL TRACE OF SILT GLACIAL TILL (OCC. BOULDERS UP TO 6in. IN SIZE THROUGHOUT), VERY DENSE
Stratum ID:	6559304	**Top Depth(m):**	12.8
Bottom Depth(m):	15.1	**Stratum Desc:**	LIMESTONE BEDROCK, OCC. SHALY SEAMS (RANDOM SAND SEAMS UP TO 1in. THICK), GREY, SOUND

Unplottable Summary

Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 2 Con 2	West Carleton ON	
AAGR		Lot 1 Con 3	West Carleton ON	
CA	WEST CARLETON SAND & GRAVEL INC.	LOT 1, CONC. 4	WEST CARLETON TWP. ON	
CA	PAVAGE YOUNG ENG.	CARP ROAD, STITTSVILLE	WEST CARLETON TWP. ON	
CA	WEST CARLETON TOWNSHIP	R.R.#5(CARP RD.),S-WATER MGT.	WEST CARLETON TWP. ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CA	WEST CARLETON TOWNSHIP	RR#5 (CARP RD.) S-WATER MGT.	WEST CARLETON TWP. ON	
CA	Riverside Gate Condominiums	Part of Lot 3, Concession 2	Ottawa ON	
EBR	Pavage Young Eng.	Carp Road	Township of West Carleton ON	
EBR	Canadian Waste Services	Hwy.417	Township of West Carleton ON	
ECA	Claridge Homes (Conroy Rd) Inc.	Lot 3	City of Ottawa ON	
ECA	Minto Communities Inc.	Part of Lot 3	City of Ottawa ON	
EHS		Hwy 417	Ottawa ON	
EXP	SUPERIOR PROPANE INC	LOT 2 CON 3	NEPEAN TWP OTTAWA ON	M1E 2N4
GEN	R.W Tomlinson	LRT Central Site Hwy 417 Widening	ottawa ON	
GEN	OTTAWA-CARLTON (OUT OF BUSINESS)	REGIONAL ROAD #5 AT STITTSVILLE VILLAGE	OTTAWA ON	
GEN	CANADIAN WASTE SERVICES INC.	LOT 3, PART OF LOT 4, CONCESSION 3	WEST CARLETON TWP. ON	K0A 1L0
SPL	Tomlinson Environmental	Carp	Ottawa ON	NA

	Services Ltd.		
SPL	Loblaws Company East<UNOFFICIAL>	Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - infront of IKEA)<UNOFFICIAL>	Ottawa ON
SPL		Carp Road (between Hazeldean and Stittsville Main), Stittsville	Ottawa ON
SPL	UNKNOWN	VILLAGE OF CARP CARP ROAD	WEST CARLETON TOWNSHIP ON
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON
SPL	City of Ottawa	Highway 417	Ottawa ON
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	CARP RD. TRANSPORT TRUCK (CARGO)	WEST CARLETON TOWNSHIP ON
WWIS		lot 2 con 3	Ottawa ON

Unplottable Report

Site:
Lot 2 Con 2 West Carleton ON

Database: ***AAGR***

Type:	Pit
Region/County:	Ottawa-Carleton
Township:	West Carleton
Concession::	2
Lot::	2
Size (ha)::	12.5
Landuse::	
Comments::	site used as parking lot, lots of fill brought on site, landowner may sell for development

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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: ***WEST CARLETON SAND & GRAVEL INC.***
LOT 1, CONC. 4 WEST CARLETON TWP. ON

Database: ***CA***

Certificate #:	8-4086-97-
Application Year:	97
Issue Date:	6/16/1997
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	BATCH MIX ASPHALTIC CONCRETE PLANT
Contaminants::	Suspended Particulate Matter, Odour/Fumes, Sound
Emission Control::	Baghouse (Incl Vent Fil.)

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: ***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: ***REG.MUN.OF OTTAWA-CARLETON***
QUEENSWAY N. OTTAWA ON

Database: ***CA***

Certificate #: 3-0468-85-006
Application Year: 85
Issue Date: 6/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: ***WEST CARLETON TOWNSHIP***
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: ***Riverside Gate Condominiums***
Part of Lot 3, Concession 2 Ottawa ON

Database: ***CA***

Certificate #: 4856-52WSMF
Application Year: 01
Issue Date: 9/27/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Urbandale Corporation

Client Address::	2193 Arch Street
Client City::	Ottawa
Client Postal Code::	K1G 2H5
Project Description::	Watermain construction on Nelligan Lane and Old Riverside Drive.
Contaminants::	
Emission Control::	

Site: ***Pavage Young Eng.***
Carp Road Township of West Carleton ON

Database: ***EBR***

EBR Registry No.:	IA6E0393
Year:	1996
Notice Type:	Instrument
Instrument Type:	EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Ministry Ref. No.:	
Proposal Date:	3/8/96
Location:	Township of West Carleton
Proponent Address:	Pavage Young Eng.PO Box 540,Stittsville, Ontario, K2S 1A6
Notice Date:	

Site: ***Canadian Waste Services***
Hwy.417 Township of West Carleton ON

Database: ***EBR***

EBR Registry No.:	IA8E0243
Year:	1998
Notice Type:	Instrument
Instrument Type:	EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Ministry Ref. No.:	
Proposal Date:	2/26/98
Location:	Township of West Carleton
Proponent Address:	Canadian Waste Services,West Carleton Landfill,2301 Carp Road, R.R. #3,Carp, Ontario,K0A 1L0
Notice Date:	

Site: ***Claridge Homes (Conroy Rd) Inc.***
Lot 3 City of Ottawa ON

Database: ***ECA***

Approval No:	7813-AAGP8L
Project Type:	Municipal and Private Sewage Works
Date:	2016-06-02
Status:	Approved
Longitude:	
Latitude:	
Record Type:	
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/7087-AA4KT9-14.pdf
Full Address:	Lot 3, Concession 5 City of Ottawa, Ontario

Site: ***Minto Communities Inc.***
Part of Lot 3 City of Ottawa ON

Database: ***ECA***

Approval No:	8270-A3ZLU2
Project Type:	Municipal and Private Sewage Works
Date:	2015-11-10
Status:	Approved
Longitude:	
Latitude:	
Record Type:	ECA
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/8185-A3PRB5-14.pdf
Full Address:	Part of Lot 3, Concession 11 City of Ottawa, Ontario

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Site:
Hwy 417 Ottawa ON

Database: ***EHS***

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20120509053
Addit. Info Ordered::
Report Date: 5/16/2012
Report Type: Custom Report
Search Radius (km): 0.25

Site: ***SUPERIOR PROPANE INC***
LOT 2 CON 3 NEPEAN TWP OTTAWA ON M1E 2N4

Database: ***EXP***

Instance No: 9558942
Instance ID:
Instance Type: FS Facility
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 8/1/1990

Site: ***R.W Tomlinson***
LRT Central Site Hwy 417 Widening ottawa ON

Database: ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON9834153
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

--Details--
Waste Code: 146
Waste Description: Other specified inorganic sludges, slurries or solids

Waste Code: 252
Waste Description: Waste crankcase oils and lubricants

Waste Code: 212
Waste Description: Aliphatic solvents and residues

Site: ***OTTAWA-CARLTON (OUT OF BUSINESS)***
REGIONAL ROAD #5 AT STITTSVILLE VILLAGE OTTAWA ON

Database: ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON0303102
Approval Yrs:: 98
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

--Details--
Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***CANADIAN WASTE SERVICES INC.***
LOT 3, PART OF LOT 4, CONCESSION 3 WEST CARLETON TWP. ON K0A 1L0

Database: ***GEN***

PO Box Num:
Status:
Country:
Generator #: ON2160030
Approval Yrs:: 97,98,99,00,01
SIC Code: 4999
SIC Description: OTHER UTILITY IND.

--Details--
Waste Code: 149
Waste Description: LANDFILL LEACHATES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: ***Tomlinson Environmental Services Ltd.***
Carp Ottawa ON NA

Database: ***SPL***

Ref No: 5601-9YDPU5
Contaminant Code: 31
Contaminant Name: SMOKE
Contaminant Quantity: 0 other - see incident description
Incident Cause:
Incident Dt: 7/12/2015
Incident Reason: Unknown / N/A
Incident Summary: Minor fire at waste transfer station
MOE Reported Dt: 7/13/2015
Environmental Impact:
Nature of Impact:
Receiving Medium:
SAC Action Class: Air Spills - Fires
Sector Source Type: Unknown / N/A
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

Site: ***Loblaws Company East<UNOFFICIAL>***
Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - infront of IKEA)<UNOFFICIAL>
Ottawa ON

Database: ***SPL***

Ref No: 6833-6H4GWP
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Cause: Pipe Or Hose Leak
Incident Dt: 10/12/2005
Incident Reason: Unknown - Reason not determined
Incident Summary: Loblaws: 10 to 15 L diesel to road/parking lot
MOE Reported Dt: 10/12/2005
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Land
SAC Action Class: Land Spills

Sector Source Type: Other Motor Vehicle
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

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

Ref No: 4602-9PMMJY
Contaminant Code: 15
Contaminant Name: MOTOR OIL
Contaminant Quantity: 0 other - see incident description
Incident Cause: Unknown / N/A
Incident Dt: 2014/10/06
Incident Reason: Unknown / N/A
Incident Summary: Stittsville, motor oil in sewer, city investigating source
MOE Reported Dt: 2014/10/06
Environmental Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type: Sewer (Private or Municipal)
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

Site: ***UNKNOWN*** ***Database:*** ***SPL***
VILLAGE OF CARP CARP ROAD WEST CARLETON TOWNSHIP ON

Ref No: 106528
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: UNKNOWN
Incident Dt: 10/18/1994
Incident Reason: UNKNOWN
Incident Summary: HYDROCARBONS SEEPING FROMGROUND INTO DITCH
MOE Reported Dt: 10/18/1994
Environmental Impact: CONFIRMED
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20613

Site: ***TRANSPORT TRUCK*** ***Database:*** ***SPL***
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Ref No: 191523
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Dt: 12/4/2000
Incident Reason: OTHER
Incident Summary: RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.
MOE Reported Dt: 12/4/2000
Environmental Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:

Incident Event:
Site Municipality: 20107

Site: ***City of Ottawa***
Highway 417 Ottawa ON

Database: ***SPL***

Ref No: 3043-7QMTYH
Contaminant Code:
Contaminant Name: ENGINE OIL
Contaminant Quantity: 10 L
Incident Cause: Pipe Or Hose Leak
Incident Dt:
Incident Reason: Unknown - Reason not determined
Incident Summary: OC Transpo: 10L engine oil to grnd on Hwy 417
MOE Reported Dt: 3/30/2009
Environmental Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium:
SAC Action Class: Primary Assessment of Incident
Sector Source Type: Other
Receiving Environment:
Incident Event:
Site Municipality: Ottawa

Site: ***UNKNOWN***
BLAIR STATION AND QUEENSWAY OTTAWA CITY ON

Database: ***SPL***

Ref No: 239018
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: UNKNOWN
Incident Dt: 9/11/2002
Incident Reason: UNKNOWN
Incident Summary: SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING
MOE Reported Dt: 9/11/2002
Environmental Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND, WATER
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20107

Site: ***TRANSPORT TRUCK***
QUEENSWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database: ***SPL***

Ref No: 224201
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Dt: 4/19/2002
Incident Reason: ERROR
Incident Summary: LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.
MOE Reported Dt: 4/19/2002
Environmental Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 20107

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

Database: ***SPL***

Ref No:	67418
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT
Incident Dt:	2/26/1992
Incident Reason:	EQUIPMENT FAILURE
Incident Summary:	LAIDLAW ENVIRONMENTAL: 315 L ANTIFREEZE TO GRND FROM TRANSPORT TRUCK.
MOE Reported Dt:	2/26/1992
Environmental Impact:	CONFIRMED
Nature of Impact:	Soil Contamination
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	20613

Site:
lot 2 con 3 Ottawa ON

Database: ***WWIS***

Well ID:	7100809	***Lot:***	2
Construction Date::		***Concession:***	03
Primary Water Use::		***Concession Name:***	
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Abandoned-Other	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	OTTAWA CITY	***UTM Reliability::***	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	1000066161
DP2BR:	
Code OB:	
Code OB Description:	
Open Hole:	Y
Date Completed:	13-NOV-07
Remarks:	
Zone:	18
East 83:	438529
North 83:	6004021
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Annular Space/Abandonment Sealing Record

--	--
Plug ID:	1001611208
Layer:	1
Plug From:	0
Plug To:	.2

Plug Depth UOM: m
-- --
Plug ID: 1001611212
Layer: 2
Plug From: 3.5
Plug To: 3.8
Plug Depth UOM: m
-- --
Plug ID: 1001611209
Layer: 2
Plug From: .2
Plug To: 1.5
Plug Depth UOM: m
-- --
Plug ID: 1001611210
Layer: 3
Plug From: 1.5
Plug To: 1.8
Plug Depth UOM: m
-- --
Plug ID: 1001611213
Layer: 3
Plug From: 3.8
Plug To: 4
Plug Depth UOM: m
-- --
Plug ID: 1001611215
Layer: 4
Plug From: 5
Plug To: 5.5
Plug Depth UOM: m
-- --
Plug ID: 1001611214
Layer: 4
Plug From: 4
Plug To: 5
Plug Depth UOM: m
-- --
Plug ID: 1001611211
Layer: 4
Plug From: 1.8
Plug To: 3.5
Plug Depth UOM: m
-- --
Method of Construction & Well Use
-- --
Method Construction ID: 1001611216
Method Construction Code:
Method Construction:
Other Method Construction:
-- --
Pipe Information
-- --
Pipe ID: 1001611203
Casing Number: 0
Comment:
Alt Name:
Well Yield Testing
-- --
Pump Test ID: 1001611204
Pump Set At:
Static Level: 4.88
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:

Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	
--	--
Hole Diameter	
--	--
Hole ID:	1001611205
Diameter:	
Depth From:	0
Depth To:	1.83
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
Hole ID:	1001611206
Diameter:	
Depth From:	1.83
Depth To:	4.01
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
Hole ID:	1001611207
Diameter:	
Depth From:	4.01
Depth To:	5.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm
--	--
--	--

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 2016

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-Nov 2016

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

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: Oct 31, 2016

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Feb 28, 2017

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: Oct 31, 2016

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 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jan 2017

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-Jan 2017

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-Aug 2015

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Mar 2017

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-Jan 2017

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Mar 2017

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-Aug 2016

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

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities: Provincial EXP

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

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.

Government Publication Date: June 2000-Aug 2016

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-Sept 2003

Fuel Storage Tank: Provincial FST

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Feb 28, 2017

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-Sep 2016

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 2014

TSSA Historic Incidents: Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

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*

TSSA Incidents: Provincial INC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2016

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, 2014

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-Aug 2010

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 Wells: Federal NEBW

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-2014

Oil and Gas Wells: Private OGW

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-Jan 2017

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Jan 2017

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Oct 2016

TSSA Pipeline Incidents: Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

National Energy Board Pipeline Incidents: Federal PIPELINE INCIDENTS

Locations of pipeline incidents from 2008 to present, made available by 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 - Dec 2016

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-Jan 2017

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: 1986-2013

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-Dec 2016

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: Oct 31, 2016

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

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.

Government Publication Date: 1988-Dec 2016

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: 1990-2014

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-Jan 2015

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Feb 28, 2017

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: 1970-Mar 2017

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Jun 30, 2016

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX D
ADDITIONAL INFORMATION

Ontario

Ministry of the Environment and Climate Change
Ministère de l'Environnement et de l'Action en matière de changement climatique

ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER 0820-A4LJ4E
Issue Date: April 28, 2016

City of Ottawa
100 Constellation Crescent
Ottawa, Ontario
K2G 6J8

Site Location: Carp Snow Disposal Facility
200 Westbrook Road
City of Ottawa

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act , R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

construction of the wastewater infrastructure Works and establishment of stormwater management Works at 200 Westbrook Road, in the City of Ottawa, for the collection, storage, treatment and disposal of stormwater run-off and snowmelt run-off, to service approximately 24.2 hectares (ha) of proposed Carp Snow Disposal Facility and approximately 40.4 ha of Westbrook Development, to provide Enhanced Level of quality control and erosion protection and to attenuate total run-off discharges from the site to the pre-development levels for all the storm events up to and including the 100-year storm event, consisting of the following:

stormwater management pond (catchment area 64.6 ha, imperviousness - 55 %): - one (1) wet pond with a sediment forebay, located south side of the site, at 200 Westbrook Road, to service proposed site and Westbrook Development, having a permanent pool volume of 11,600 m 3 , an extended detention volume of 21,200 m 3 , and a total storage volume of approximately 73,300 m 3 (including permanent pool volume) at a total depth of approximately 2.9 metre, complete with inlet/outlet control structures, connecting to storm sewers, identified below;

snowmelt pond (catchment area - 2.5 ha): - one (1) snowmelt pond (SMP) with a sediment forebay, located at 200 Westbrook Road (north of a wet pond), having a holding capacity of approximately 143,000 m 3 per year of snow melt, having a permanent storage volume of 5,700 m 3 , an active storage volume of 6,900 m 3 , and a total storage volume of approximately 12,600 m 3 at a depth of 2.2 metre, providing a total retention time of 38 hrs, complete with inlet/outlet control structures, connecting to a storm sewers, identified below;

storm sewers on site, approximately 79 metres long, 300-450 mm diameter, from outlet of a snow melt pond (HW1), allowing controlled discharge to a manhole MH103;

storm sewers on site, approximately 165 metres long, 675-750 mm diameter, from outlet of a wet pond (HW2), allowing controlled discharge to a manhole MH103;

storm sewers on site, approximately 209 metres long, 300-675 mm diameter, from manhole MH 103, receiving discharge from snowmelt pond and wet pond, conveying combined discharge to an existing MTO Highway 417 ditch (at MH 105, north of the site) at a maximum allowable discharge rate of 404

litres/second from the site for the 100-year storm event, discharging to the Feed Mill Creek, ultimately to the Carp River;

including erosion/sedimentation control measures during construction and all other controls and appurtenances essential for the proper operation of the aforementioned Works;

all in accordance with the submitted supporting documents listed in Schedule "A" forming part of this Approval.

For the purpose of this environmental compliance approval, the following definitions apply:

"Approval" means this entire document including the application and any supporting documents listed in any schedules in this Approval;

"Director" means a person appointed by the Minister pursuant to section 5 of the Environmental Protection Act for the purposes of Part II.1 of the Environmental Protection Act;

"District Manager" means the District Manager of the Ottawa office of the Ministry;

"Ministry" means the ministry of the government of Ontario responsible for the Environmental Protection Act and the Ontario Water Resources Act and includes all officials, employees or other persons acting on its behalf;

"Owner" means City of Ottawa and includes their successors and assignees;

"Works" means the sewage works described in the Owner's application(s) and this Approval.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

(1) The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the Conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Except as otherwise provided by these Conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.

(3) Where there is a conflict between a provision of any submitted document referred to in this Approval and the Conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

(4) Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

(5) The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the

application of such Condition to other circumstances and the remainder of this Approval shall not be affected thereby.

(6) The issuance of, and compliance with the Conditions of this Approval does not:

(a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the sewage Works; or

(b) limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

(7) This Approval is for the collection, treatment and disposal of snowmelt water and stormwater run-off from approximately 64.6 ha draining to the stormwater management facility, assuming an average imperviousness of approximately 55%, and a maximum 143,000 m 3 per year of snowmelt storage, for the Carp Road Snow Disposal Facility, in the City of Ottawa. Any changes within the drainage area that might increase the required storage volumes or increase the flows to or from the Carp Road snow disposal facility or any structural/physical changes to the pond including the inlets or outlets will require an amendment to this Approval.

2. EXPIRY OF APPROVAL

(1) This Approval will cease to apply to those parts of the Works which have not been constructed within **five (5) years** of the date of this Approval.

3. CHANGE OF OWNER

(1) The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within **thirty (30) days** of the change occurring:

(a) change of Owner;

(b) change of address of the Owner;

(c) change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act , R.S.O. 1990, c. B17 shall be included in the notification to the District Manager;

(d) change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the Corporations Information Act , R.S.O. 1990, c. C39 shall be included in the notification to the District Manager.

4. OPERATION AND MAINTENANCE

(1) The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the Works do not constitute a safety or health hazard to the general public.

(2) The Owner shall undertake an inspection of the condition of the Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the above noted Works to prevent the excessive build-up of sediment, debris and/or decaying vegetation to avoid reduction of capacity of the Works. The Owner shall also regularly inspect and clean out the inlet to and outlet from the works to ensure that these are not obstructed.

(3) The Owner shall maintain a record of the results of these inspections and any cleaning and maintenance operations undertaken, and shall make the records available for inspection by the Ministry upon request. The record shall include the following:

(a) the name of the Works; and

(b) the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed.

5. EFFLUENT OBJECTIVES

(1) The Owner shall use best efforts to design, construct and operate the Works with the objective that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the Works.

Table 1 - Effluent Objectives - (Manhole MH 105 - before entering to MTO ditch)	
Effluent Parameter	**Concentration Objective** (milligrams per litre unless otherwise indicated)
Total Suspended Solids (TSS)	40
Chloride	1000

(2) As a further effluent objective, the Owner shall use best efforts to maintain the pH of the effluent from the Works within the range of 6.5 to 8.5, inclusive, at all times.

(3) The Owner shall include in all reports submitted in accordance with Conditions 6, a summary of the efforts made and results achieved under this Condition.

6. MONITORING AND REPORTING

The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:

(1) All samples and measurements taken for the purposes of this Approval shall be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

(2) The Owner shall ensure that samples shall be collected at the following locations, at the frequency specified, during seasonal snow melt period from **April 1st to May 31st** or **when there is meltwater being discharged,** by means of the specified sample type, and analysed for each parameter listed and all results recorded:

Table 2 - Effluent snow melt monitoring program **Sample Type -** Grab				
Parameters	**Sampling Location and Frequency**			
	Snow Melt Pond Inlet	**Snow Melt Pond Outlet**	**Manhole MH 105 (prior to entering at MTO Ditch)**	**MTO ditch outlet (at Feed Mill Creek)**
Total Suspended Solids	Weekly	Weekly	Weekly	Annually
Chloride	Weekly	Weekly	Weekly	Weekly
Conductivity	Weekly	Weekly	Weekly	Weekly
Oil & Grease	Monthly	Monthly	Monthly	Annually
Total Dissolved	Bi-weekly	Bi-weekly	Bi-weekly	Annually

Solids (TDS), Biochemical Oxygen Demand (BOD), Phenols				
Cadmium, Zinc, Iron, Copper, Manganese, Mercury, Cyanide			Monthly	Annually
Hardness and Alkalinity			Monthly	Annually
Sodium, Potassium, Magnesium, Calcium			Monthly	Annually

Toxicity - Monitoring and Frequencies
(3) Acute lethality, single concentration toxicity monitoring should be performed for Daphnia magna and Rainbow Trout on a **Monthly** basis for the effluent samples taken from manhole MH 105 (before entering to MTO Highway Drainage Ditch) for first **three (3) years** during discharge from the Snowmelt Pond (SMP).

Pending the reception of the laboratory report results identifying toxicity test failures, the Owner shall forthwith notify the District Manager within 7 days of receipt of such results.

stormwater management pond - Monitoring and Frequencies
(4) The Owner shall monitor the stormwater run-off quality from stormwater management pond. This include obtaining grab samples from **manhole MH 105 (before entering to MTO ditch)** , for at least three (3) rainfall wet events per year (a wet event is defined as a minimum of 15 mm of rain in the previous 24 hours). Two (2) of the events must occur within the May to September time period.

(a) samples shall be tested for Total Suspended Solids (mg/L) and the results recorded.

(5) The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

(a) the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only)", as amended from time to time by more recently published editions;

(b) the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions;

(c) the publication "Standard Methods for the Examination of Water and Wastewater" (21 st edition), as amended from time to time by more recently published editions.

(6) By **March 31** , the Owner shall submit to the District Manager, **every year** , a copy of the test results and quantities as per Condition 6, Subsection (2), (3), and (4), above.

(7) The measurement frequencies specified in Condition 6, Subsection (2), (3), and (4), and reporting frequency specified in Condition 6, Subsection (6), above, with respect to any parameter are minimum requirements, which may be modified by the District Manager in writing after three (3) years of monitoring.

(8) The Owner shall prepare a Performance Report, **every five (5) years** , a Performance Assessment Report, addressing the following:

(a) a description of any operating problems encountered and corrective actions taken during the reporting period and the need for further investigations in the following reporting period for system refinements or ways of improving the performance of the Works;

(b) measurement of the mass of accumulated sediment removed when undertaking maintenance of the Works as per the Operations and Maintenance Conditions, above.

(9) After the 3 years of toxicity monitoring, if toxicity failures (> 50% of tests) are identified, the Owner shall conduct a surface water quality/impact assessment of the Feed Mill Creek.

7. EFFLUENT - VISUAL OBSERVATIONS

(1) Notwithstanding any other Condition in this Certificate, the Owner shall ensure that the effluent from the works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen, foam or discolouration on the receiving waters.

8. SPILL CONTINGENCY AND POLLUTION PREVENTION PLAN

(1) Upon commencement of operation of the Works, the Owner shall implement a Spill Contingency and Pollution Prevention Plan that outlines procedures as to how to mitigate the impacts of a spill within the area serviced by the Works and/or prevent pollution incidents. The said plan shall include as a minimum, but not limited to:

(a) the name, job title and location (address) of the Owner, person in charge, management or control of the Carp Snow Disposal Facility;

(b) the name, job title and 24-hour telephone number of the person(s) responsible for activating the Spill Contingency and Pollution Prevention Plan;

(c) a site plan drawn to scale showing the facility, nearby buildings, streets, catchbasins & manholes, drainage patterns (including direction(s) of flow in storm sewers) and any features which need to be taken into account in terms of potential impacts on access and response (including physical obstructions and location of response and clean-up equipment);

(d) steps to be taken to report, contain, clean up and dispose of contaminants following a spill;

(e) a listing of telephone numbers for: local clean-up companies who may be called upon to assist in responding to spills; local emergency responders including health institution(s); and MOE Spills Action Centre 1-800-268-6060;

(f) Materials Safety Data Sheets (MSDS) for each and every hazardous material which may be transported or stored within the area serviced by the Works;

(g) the means (internal corporate procedures) by which the Spill Contingency and Pollution Prevention Plan is activated;

(h) a description of the spill response and pollution prevention training provided to employees assigned to work in the area serviced by the Works, the date(s) on which the training was

provided and to whom;

(i) an inventory of response and clean-up equipment available to implement the Spill Contingency and Pollution Prevention Plan, location and date of maintenance/replacement if warranted, including testing and calibration of the equipment; and

(j) the date on which the Spill Contingency and Pollution Prevention Plan was prepared and subsequently, amended.

(2) The Spill Contingency and Pollution Prevention Plan shall be kept in a conspicuous place near the reception area on site.

(3) The Spill Contingency and Pollution Prevention Plan will be amended from time to time as needed by changes in the operation of the facility or to reflect updates in the Municipal By-Laws, or improved Best Management Practices by the Owner.

9. TEMPORARY EROSION AND SEDIMENT CONTROL

(1) The Owner shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every **two (2) weeks** and after each significant storm event (a significant storm event is defined as a minimum of 25 mm of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly .

(2) The Owner shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

10. RECORD KEEPING

(1) The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.

Schedule "A"

1 Application for Environmental Compliance Approval , dated April 30, 2015, received on May 07, 2015, submitted by City of Ottawa and all other supporting documents, and drawings prepared by Stantec Consulting Ltd.;

2. Stormwater Management Report - Carp Snow Disposal Facility (April 30, 2015) , for the City of Ottawa, signed by Michael Thivierge (P.Eng.), prepared by Stantec Consulting Ltd;

3. E-mails and tele-conference correspondences between Consultant, District office, Regional Tech Support, and the Ministry;

4. Responses and comments from Stantec Consulting Limited, addressed to the Ministry;

5. Response from Gerry Lalonde, P.Eng. (Stantec), dated February 08, 2016, addressed to the Ministry;

6. Memo received from Bruce Metcalfe, P.Eng. (Tech. Support - Regional office) dated January 06, 2016 and March 01, 2016;

7. Comments received from Ottawa District office and Tech Support - Regional Office, addressed to the Ministry;

8. E-mails received from Gerry Lalonde, P.Eng. (Stantec), dated April 22, 2016, April 21, 2016, and April 08, 2016, addressed to the Ministry.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This Condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.

2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.

3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to approved Works and to ensure that any subsequent Owner of the Works is made aware of the Approval and continue to operate the Works in compliance with it.

4. Condition 4 is included to require that the Works be properly operated and maintained such that the environment is protected.

5. Condition 5 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to strive towards on an ongoing basis. These objectives are to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.

6. Condition 6 is included to enable the Owner to evaluate and demonstrate the performance of the Works on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval and that the Works do not cause any impairment of the receiving watercourse.

7. Conditions 7 is imposed to ensure that the effluent discharged from the Works to the Feed Mill Creek, meets the Ministry's effluent quality requirements, thus minimizing environmental impact on the receiving watercourse.

8. Condition 8 is included to ensure that the Ministry is immediately informed of the occurrence of an emergency or otherwise abnormal situation so that appropriate steps are taken to address the immediate concerns regarding the protection of public health and minimizing environmental damage and to be able to devise an overall abatement strategy to prevent long term degradation and the re-occurrence of the situation.

9. Condition 9 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction, until they are no longer required.

10. Condition 10 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the Works.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*****
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Director appointed for the purposes of Part II.1 of the Environmental Protection Act
Ministry of the Environment and Climate Change
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 28th day of April, 2016

Gregory Zimmer, P.Eng.
Director
appointed for the purposes of Part II.1 of the *Environmental Protection Act*

MS/
c: District Manager, MOECC Ottawa office
Michael Thivierge, Stantec Consulting Ltd

APPENDIX E
INTERVIEW AND INSPECTION REPORTS

April 7, 2017

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

Re: Request for Information
Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6 And

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. Also included is a figure showing a map and location details of the subject site. 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,

M Coyle

Meghan Coyle, B.Sc.
Ext. 2260
m.coyle@mcintoshperry.com

CP-17-0160- Phase I - MOE Freedom of Information Request .doc

Ontario Ministry of the Environment

Freedom of Information Request

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

Requester Data

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

Email address: m.coyle@mcintoshperry.com

Telephone/Fax Nos.
Tel. (613)836-2184 ext.2260
Fax (613)836-3742

Your Project/Reference No.
CP-17-0077

Signature/Print /Name of Requester
/Meghan Coyle

For Ministry Use Only

FOI Request No.

Date Request Received

Fee Paid

☐ ACCT ☐ CHQ ☐ VISA/MC ☐ CASH

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

Request Parameters

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

Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6

Mr & Mrs. Reed, Oz optics
unknown

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

Unknown

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

Unknown

Search Parameters *Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.*	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	1986-2013
Orders	1986-2013
Spills	1986-2013
Investigations/prosecutions ➤ Owner **AND** tenant information must be provided	1986-2013
Waste Generator number/classes	1986-2013

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*		1986-2013
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		1986-2013
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		1986-2013
waste water - *industrial discharges*		1986-2013
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator* sites		1986-2013
waste systems - *PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste*		1986-2013
pesticides - *licenses*		1986-2013

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.

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

April 10, 2017

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02460, Your Reference CP-17-0077

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee), along with your $30.00 deposit.

The search is being conducted on the following: 2113 to 2125 Carp Rd, Ottawa (Odd #s). If there is any discrepancy please contact us immediately.

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

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,

FOI

Janet Dadufalza
FOI Manager

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

April 20, 2017

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02460, Your Reference CP-17-0077

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2113 to 2125 Carp Rd, Ottawa (Odd #s).

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Approvals Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is $30.00 for 1 hour of search time @ $30.00 per hour. **We have applied the $30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kaitlynne Low at kaitlynne.low@ontario.ca.

Yours truly,

Janet Dadufalza
FOI Manager

April 7, 2017

Ministry of the Environment and Climate Change
Ottawa District Office
2430 Don Reid Dr., Unit 103
Ottawa, ON
K1H 1E1

Re: Request for Information
Civic Address: 2113-2125 Carp Road, Ottawa, ON
Legal Description: Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blks 1 And 7;And Rp 4r23651 Parts 1 And 5 And Huntley Con 3 Pt Lot 2 and; Plan M300 Pt Blk 7 And Rp;4r3392 Pt Part 4 Rp 4r23651;Parts 2 And 6 And

Dear Sir/Madam,

We have been authorized to perform a Phase I Environmental Site Assessment (ESA) for the above-noted property located in Ottawa, 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.

A figure has been attached showing a map and location details of the subject site. 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,

M Coyle

Meghan Coyle, B.Sc.
Ext. 2260
m.coyle@mcintoshperry.com

CP-17-0160 - Phase I - Request to MOE for Orders and Approvals..doc

Meghan Coyle

From: Public Information Services <publicinformationservices@tssa.org>
Sent: April-07-17 12:10 PM
To: Meghan Coyle
Subject: RE: Records for site in Ottawa, Ontario

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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.

Suman Guram | Coordinator
Records
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6203 | Fax: +1-416-231-6183 | E-Mail: sguram@tssa.org
www.tssa.org

Employeur remarquable du Canada 2016 PARTENARIAT EN ÉDUCATION
Canada's Outstanding Employer 2016 THE LEARNING PARTNERSHIP

From: Meghan Coyle [mailto:m.coyle@mcintoshperry.com]
Sent: Friday, April 07, 2017 10:55 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records for site in Ottawa, Ontario

Dear Sir/Madam

We are preparing a Phase I Environmental Site Assessment (ESA) for a property located in Ottawa, ON

Civic Address: 2113 and 2125 Carp Road, Ottawa, ON

Legal Description: HUNTLEY CON 3 PT LOT 2 AND;PLAN M300 PT BLKS 1 AND 7;AND RP 4R23651 PARTS 1 AND 5, and HUNTLEY CON 3 PT LOT 2 AND;PLAN M300 PT BLK 7 AND RP;4R3392 PT PART 4 RP 4R23651;PARTS 2 AND 6

We trust the above is satisfactory. However, please do not hesitate to contact me if you have any questions

Meghan Coyle, B.Sc.
Environmental Scientist

115 Walgreen Road, R R 3, Carp, ON K0A 1L0
T. 613.836.2184 (2260) | **F.** 613.836.3742 | **C**. 613.868.2551
m.coyle@mcintoshperry.com | www.mcintoshperry.com

April 19, 2017

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), 2113-2125 Carp Road, Ottawa, ON

McIntosh Perry has been retained by Myers Automotive Group to complete a Phase 1 Environmental Site Assessment at the properties addressed as 2113-2125 Carp Road, Ottawa, Ontario.

With this letter, the property owners authorizes 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 1 Environmental Site Assessment at the above-noted property.

Name of Property Owners: J LAURYSEN INVESTMENTS

Property Owners Representatives:
(please print) BILL LAURYSEN

Signature of Property Owner Representative:

Date: APRIL 19 · 2017

115 Walgreen Road, R.R.3. Carp. ON K0A 1L0 | T. 613-836-2184 | F. 613-836-3742
info@mcintoshperry.com | www.mcintoshperry.com

APPENDIX F
SITE PHOTOGRAPHS

Photograph 1. **View, looking west, of a pond located partially on the subject property.**

Photograph 2. **View looking north of 2113 Carp Road (vacant field with grass, shrubs and forested areas)**

Photograph 3. **View, looking north, of the northeast corner of 2113 Carp Road (advertising sign, Bell and transformer boxes)**

Photograph 4. **View, looking north east, of 2113 Carp Road (vacant field, storage trailer)**

Photograph 5. **View, looking north of the adjacent residential property at 2125 Carp Road**

Photograph 6. **View, looking northwest, of the adjacent property to the west of the site**

Photograph 7. **View, looking northeast, along Westbrook Road (adjacent to the site to east)**

Photograph 8. **View, looking northwest, of properties to the north of the site (retail fuel outlet)**