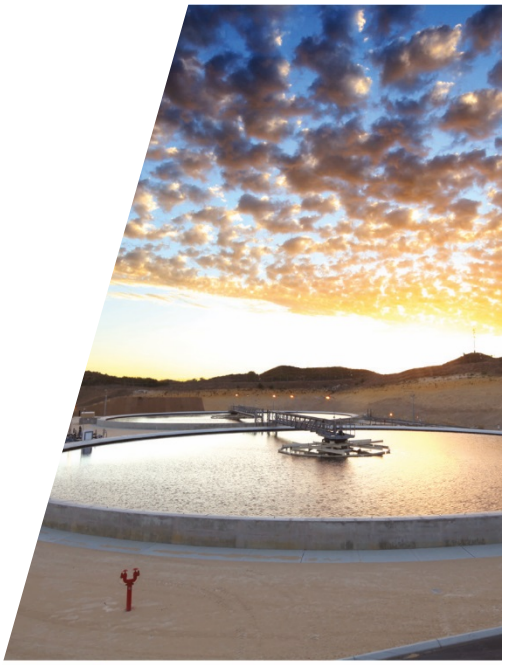
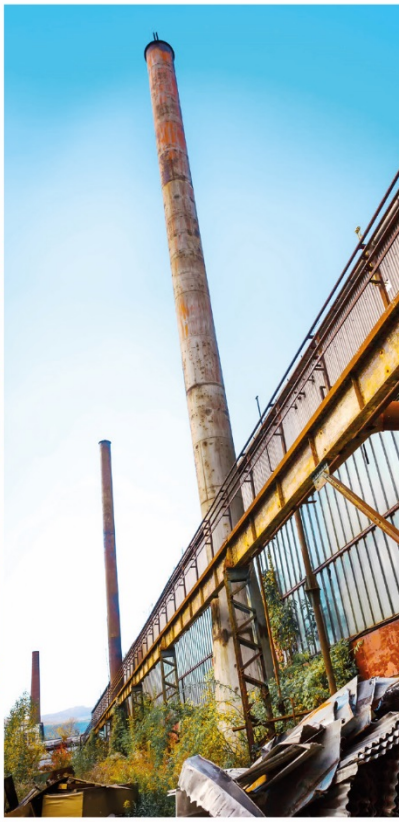


Phase One Environmental Site Assessment Undeveloped Property

8466 Jeanne D'Arc Boulevard
Ottawa, Ontario

9403434 Canada Inc.



1. Executive Summary

GHD (Consultant) was retained by 9403434 Canada Inc. (Client), represented by Mr. Jean-Luc Rivard, to complete a Phase One Environmental Site Assessment (Phase One ESA) in general accordance with the O. Reg. 153/04 Phase One ESA format for the undeveloped property located at 8466 Jeanne d'Arc Boulevard in Ottawa, Ontario (Site or Phase One Property).

The Phase One ESA is being conducted as part of the local municipal planning department requirement associated with the development of the Site. The intended future use of the Site is residential use. The Phase One Property has municipal zoning of Residential Fifth Density Zone and therefore will not require zoning change.

No developed use of the Site was identified in this Phase One ESA. The Property was undeveloped/unoccupied at the time of the Site visit, with the exception of Clients mobile construction trailers and storage bins located on the Site. Overgrown vegetation was observed on the Site at the time of this assessment.

No potentially contaminating activities (PCAs) were identified on the Site. No areas of potential environmental concern (APECs) were identified for the Site from the past or current use of the subject land. No properties with PCAs were identified in the Phase One Study Area as part of this assessment and therefore, no APECs were identified for the Site associated with properties in the Phase One Study Area.

Following the completion of the Phase One ESA for the subject Property, it is our opinion that a Phase Two Environmental Site Assessment is not required for the Site.

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2. Introduction

GHD (Consultant) was retained by 9403434 Canada Inc. (Client), represented by Mr. Jean-Luc Rivard, to complete a Phase One Environmental Site Assessment (Phase One ESA) in general accordance with the O. Reg. 153/04 Phase One ESA format for the undeveloped Residentially Zoned property located at 8466 Jeanne d'Arc Boulevard in Ottawa, Ontario (Site or Phase One Property).

The Phase One Property is located at Civic No. 8466 Jeanne d'Arc Boulevard in Ottawa, Ontario, is approximately 0.7 hectares in area, and is identified as Block 8 by the Client as referenced in the Site Plan Preliminary Drawing provided in Appendix A. The approximate centre of the Site has Latitude and Longitude coordinates of 45° 29' 30" N, 75° 29' 38" W. The municipal zoning for the Site is currently Residential Fifth Density Zone.

The Site is legally described as part of Blocks 2 and 3, Plan 4M1425, Township of Cumberland, now in the City of Ottawa as referenced on attached Draft Plan of Survey provided in Appendix A. The property identification number associated with the Site is 14501-0927.

The subject Property has been undeveloped land since at least 1926 and remains undeveloped. No developed use of the Site was identified in this Phase One ESA.

The Phase One Study area is serviced by municipally treated water and sewer systems and is in a non-potable groundwater area. Electrical and natural gas services are available from private utility companies.

The current owner of the Site is 9403434 Canada Inc. and Mr. Jean-Luc Rivard can be contacted on behalf of the owner of the Site. The client office is located at 98 Rue Lois, Gatineau, Quebec, J8Y 3R7.

3. Scope of Investigation

The scope of GHD's investigation was detailed in GHD proposal dated May 28, 2019 (Ref: 11177877Thibert-1). The project was approved by Mr. Jean-Luc Rivard.

This Phase One ESA was conducted following the guidelines set out in Ontario Regulation 153/04, as amended 2011 (O. Reg. 153/04), Records of Site Condition, Part XV.1 of the Environmental Protection Act.

The general objectives of this Phase One ESA were:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One study area.
- To determine the need for a Phase Two Environmental Site Assessment.
- To provide a basis for carrying out any Phase Two Environmental Site Assessment review.
- Interviews

- Site reconnaissance
- An evaluation of the information gathered from the records review, interviews and site reconnaissance.

4. Record Review

4.1 General

4.1.1 Phase One Study Area Determination

The Site is located within a mixed residential, institutional and commercial area located in the City of Ottawa, Ontario. The Site is immediately surrounded to the north by Jeanne D'Arc Boulevard followed by undeveloped land, to the south by undeveloped land followed by Highway 174, to the east by undeveloped land followed by a residential subdivision, and to the west by Prestige Circle followed by residential developments. The historical records and present operations of properties located within 250 metres (m) of the subject land were considered from an environmental perspective for the purposes of this report. Properties located outside of the Phase One Study Area (250 m radius from property boundaries) are typically not considered to have the potential to have impacted the subject land unless the Qualified Person deems an additional property should be included in the Phase One study area. A plan of survey and a Site concept development plan, showing the boundaries of the Phase One Property and the proposed development, is included in Appendix A; the Site is depicted as part of Blocks 2 and 3, Plan 4M1425 on the plan of survey.

4.1.2 First Developed Use Determination

A land title search indicated that the Site was first owned by individuals (Saltern Gioms) since at least 1865. The land title search indicated several transfers in ownership between individuals from 1865 to 1987. The Site was registered to Marlin Developments Inc. from 1987 to 2004 and to 3475140 Canada Inc. from 2004 to 2010. The Site was transferred and registered to the current owner in March of 2010. Aerial photographs from 1926 through 2014 show the Site to be undeveloped, vegetated, or used for agricultural purposes.

Based on the information reviewed at the time of this Phase One ESA, no developed use of the Site was identified.

4.1.3 Fire Insurance Plans

Fire insurance plans (FIP) assist in the identification of historical land use and commonly indicate building layouts, detached structures, Site improvements, facility operations, names of tenants, the existence and location of boiler rooms, aboveground and underground storage tanks and adjoining property uses. GHD conducted a search for publicly available historical fire insurance plans for the Site and adjacent lands from the National Archives Library in Ottawa, Ontario.

The 1963 City of Ottawa Fire Insurance Plans (FIPs) were reviewed. No FIPs were available for the Site or neighbouring properties. No other fire insurance plans or reports were obtained by GHD or were provided by the Client for review.

4.1.4 Chain of Title

A request for an environmental chain of title search was submitted to Read Abstract Limited on behalf of GHD. The Phase One Property is legally described as part of Blocks 2 and 3, Plan 4M1425; Township of Cumberland, now in the City of Ottawa. The results of the Title search and deviations in ownership of the Site are summarized in the Table below. A summary of the results of the search are included in Appendix B (Read Abstract letter dated May 9, 2017).

Table 4.1 Summary of Chain of Title

Year	Property Ownership
8466 Jeanne d'Arc Boulevard (Entire Site)	
1865	Saltern Gioms
1865 to 1883	Michael O'Toole
1883 to 1910	Ann Jane O'Toole
1910 to 1926	Louis Brisebois
1926 to 1928	Eugene Brisebois
1928 to 1949	Arthur Brisebois
1949 to 1953	Louis Joseph Giroux
1953 to 1963	Arthur Brisebois
1963 to 1977	Joseph Pierre Renaud
1977 to 1987	Roger Sequin
1987 to 2004	Marlin Developments Inc.
2004 to 2010	3475140 Canada Inc.
March 11, 2010	3223701 Canada Inc. (later 9403434 Canada Inc.)

The Phase One Property changed ownership between individuals until 1987 when ownership of the subject Site was registered to Marlin Developments Inc. and then to 3475140 Canada Inc. with name change to 3223701 Canada Inc. as of March 2010 (subsequent name change to 9403434 Canada Inc. after May 2017). There was no evidence suggesting potential environmental concerns with the subject Site identified through the review of the title of Site ownership.

4.1.5 Environmental Reports

The Client supplied GHD with an environmental report entitled "Phase One Environmental Site Assessment, 8465 North Service Road, Ottawa, Ontario" Prepared by SPL Consultants Limited (SPL), dated October 4, 2013 (Ref. 1870-720) hereafter referred to as the SPL Phase One ESA. This report was prepared for a larger parcel of land which included the Phase One Property; the findings of this report are summarized below:

- The SPL Phase One property was developed with two condominium buildings at the time of the 2013 Site visit. The historical research conducted as part of the SPL Phase One ESA indicated that the Site was agricultural or vacant land since at least 1926. SPL suspected that the Site had been used for agricultural purposes since at least 1880, however, no direct evidence of this use was presented.
- Neighbouring properties to the south of Regional Road 174 were noted to have been originally developed for rural residential purposes since at least 1989.

- No evidence of the importation of fill material to the Site was suspected in the SPL Phase One ESA. No environmental concerns were identified for the Site or neighbouring lands based on the historical review and a Site visit.
- Based on the results of the SPL Phase One ESA, additional environmental investigation was not recommended for the Site.

GHD completed a Phase One ESA for a larger parcel of land, which included the Phase One Property, in 2017. The report was entitled "Phase One Environmental Site Assessment Undeveloped Property" and was dated May 19, 2017 (Ref. No. 11140461), hereafter referred to as the GHD Phase One ESA. The findings of this report are summarized below:

- The GHD Phase One property was undeveloped at the time of the 2017 Site visit. The historical research conducted as part of the GHD Phase One ESA indicated that the Site was agricultural or vacant land since at least 1926. GHD suspected that the Site had been used for agricultural purposes since at least 1865, however, no direct evidence of this use was presented.
- No developed use of the Site was identified in this Phase One ESA. The Property was undeveloped/unoccupied at the time of the Site visit. Overgrown vegetation was observed on the Site at the time of this assessment.
- No potentially contaminating activities (PCAs) were identified on the Site. No areas of potential environmental concern (APECs) were identified for the Site from the past or current use of the subject land.
- No properties with PCAs were identified in the Phase One Study Area as part of this assessment and therefore, no APECs were identified for the Site.

No other previous environmental studies for the Property were reported to have been undertaken.

4.2 Environmental Source Information

The following environmental source information was reviewed as part of this Phase One assessment.

National Pollutant Release Inventory

The database titled National Pollutant Release Inventory (NPRI) provides the results and data with respect of releases of pollutants into the natural environment as a result of industrial processes. Data is collected and updated online annually. A search of the NPRI was conducted through a subcontracted (Environmental Risk Information Services (ERIS)) search. The Site is not listed in the NPRI for any of the recorded years (1993-2014) or in the NPRI online database for the years 2015-2017). No properties within 250 m of the Site are listed in the NPRI. A copy of the ERIS Database Summary is included in Appendix C.

National PCB Inventory

The Ontario Inventory of PCB Storage Sites, January 1993, contains information on PCB Storage Sites in the Province of Ontario, which was collected under Ontario Regulation 362/90 by the district and regional offices of the MOE. The document is an inventory of known private and provincially-operated PCB storage sites as of January, 1993. The document does not include

Federal PCB storage sites, which are under Environment Canada jurisdiction. The Site was not listed in the Ontario Inventory of PCB Storage Sites report. No properties within 250 m of the Site were identified in the Ontario Inventory of PCB Storage Sites report. The PCB search was confirmed by the results of the subcontracted ERIS search attached as Appendix C.

Environmental Approvals, Certificates and Instruments

A request was submitted to the Ministry of Environment, Conservation and Parks (MECP), formerly the Ministry of Environment and Climate Change (MOECC), in April 2017 under the Freedom of Information (FOI) and Protection of Privacy Act relating to the Site. The requested information included environmental approvals, certificates and instruments maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response dated April 26, 2017 to the inquiries indicated that no records were located responsive to the request. The MECP FOI search was confirmed by the results of the subcontracted ERIS search. As part of this Phase One ESA, a new FOI request was not submitted to the MECP. A copy of the 2017 MECP response is included in Appendix D.

Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987

The report titled Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987 provides an inventory and preliminary assessment of the potential environmental impacts of 41 known manufactured gas plant waste sites in the Province of Ontario as of April 1987. Industrial facilities that utilized coal carbonization for manufacturing of gas, coke, ammonia and other products were addressed in this study. Finding(s):

- The Site is not listed in the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987.
- There are no former coal gasification plants within 2 km of the Site listed in the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987.

Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988

The report titled Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988 provides the results of an inventory and preliminary assessment of potential environmental impacts of 44 known industrial sites in Ontario which produced or used coal tar and related tars, as of November 1988. This report was prepared to continue the inventory and assessment process started by the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987. Finding(s):

- The Site was not listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.
- There are no former Sites Producing or Using Coal Tar and Related Tars within 2 km of the Site listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.

Ministry Environmental Incident Records

A FOI request was submitted to the MECP (formerly MOECC) relating to the Site in April 2017. The requested information included environmental incidents, orders, offences, spills, discharges of

contaminants or inspections maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response to the inquiries dated April 26, 2017, indicated that no records were located responsive to the request.

The subcontracted ERIS search identified records of the following spill within the Phase One Study Area:

- 1145 Falconcrest Court, located approximately 210 m southwest of the Site, had a record of an unspecified quantity of paint spilled to a catch basin.

The aforementioned record is not considered to represent a PCA or an APEC for the Site given the nature of the release.

Waste Management Records - Ontario Regulation 347 Waste Receivers and Generators

A FOI request was submitted to the MECP (formerly MOECC) relating to the Site in April 2017. The requested information included records of waste generators and receivers under O. Reg. 347 maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response dated April 26, 2017 to the inquiries indicated that no records were located responsive to the request.

The subcontracted ERIS search identified records of the following waste generators within the Phase One Study Area:

- Colautti Construction, identified at 8465 North Service Road; shown at the Site was listed as a waste generator of oil skimming's and sludge's, and light fuels from 2010 to 2011.

Given that Colautti Construction never owned or operated the Site and that no on-Site operations in 2010 or 2011 are anticipated to have resulted in waste generated at the Site, the aforementioned waste generator records are not considered to represent PCAs or have resulted in APEC for the Site.

Environmental Reports Submitted to the MOECC

A FOI request was submitted to the MECP (formerly MOECC) relating to the Site in 2017. The requested information included environmental reports submitted to the MECP. The MECP response dated April 26, 2017, to the inquiries indicated that no records were located responsive to the request.

Technical Standards and Safety Authority (TSSA) Database

A request was submitted by GHD to the Technical Standards and Safety Authority (TSSA) to search their databases for any records of storage tanks at the Site. An email response was received from the TSSA on June 14, 2019, indicating that there were no records in their database indicating underground or above ground storage tanks are at the Site or immediately adjacent properties. A copy of the TSSA response is included in Appendix D. The subcontracted ERIS search confirmed the findings of the TSSA response.

MOECC Notices, Instruments and Records of Site Condition

The MECP Brownfields Environmental Site Registry (ESR) was consulted for historical certificates and instrument compliance records and records of site condition (RSCs). The Site was not listed in the Brownfields ESR. No properties within 250 m were listed in the Brownfields ESR.

Areas of Natural and Scientific Interest

The Ministry of Natural Resources and Forestry (MNRF) Geographical Information System (GIS) mapping software was consulted by GHD to investigate areas of natural significance in the Phase One Study Area. GHD observed an area of surface water ponding with water-based plant-life (i.e., reeds) in the northern portion of the Site; however, no areas of natural significance (including wetlands) were identified at the Site based on a review of the MNRF GIS. Wetlands were identified approximately 50 m north and 350 m west of the Site, respectively.

Creeks were identified approximately 30 m east and 130 m west of the Site, respectively. Taylors Creek was identified approximately 300 m east of the Site. The Ottawa River is located approximately 500 m north of the Site.

MECP Waste Disposal Site Inventory, June 1991

The MECP *Waste Disposal Site Inventory June 1991* contains a list, prepared by the MOE, of all known active and closed waste disposal sites in the Province of Ontario as of October 31, 1990. This document is a "working document", subject to continual revisions and updating. The document contains an active site inventory, a closed site inventory, a closed municipal coal gasification plant site inventory, and an inventory of industrial sites producing and using coal tars and related tars in Ontario. Finding(s):

- There are no active waste disposal sites listed within a 2 km radius of the Site listed in the MECP Waste Disposal Site Inventory, June 1991.
- There are no closed waste disposal sites listed within a 2 km radius of the Site listed in the MECP Waste Disposal Site Inventory, June 1991.

City Directories

City directories list occupant(s) at a site address for a specific year, and infer land use with respect to occupant history. GHD consulted National Archives Canada located in Ottawa, Ontario, for any publicly available historical city directories for intermittent years between 1992 and 2010. City directories for the rural areas of the City of Ottawa do not exist prior to 1992.

- According to the information obtained from the reviewed city directories, the subject address, 8466 Jeanne d'Arc Boulevard, was not identified.
- The adjacent neighbouring properties were listed for commercial or residential use and in subsequent directories remained listed for these purposes. None of the listings identified in the City directories were interpreted to be PCAs.

Mapping and Assessment of Former Industrial Sites, City of Ottawa

The report titled Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988 provides the results of an inventory and preliminary assessment of 177 known former industrial sites

in the City of Ottawa, as of July 1988. The Site is not listed in the Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988. No former industrial sites were identified within 250 m of the Site.

Summary of City of Ottawa Historic Land Use Inventory (HLUI)

A request was made to the City of Ottawa to review their Historic Land Use Inventory (HLUI) on June 17, 2019. A response to the HLUI inquiries was not received upon submission of this report from the City of Ottawa; however, a response was previously received from the City of Ottawa on May 11, 2017. The search response indicated that there were no activities (of potential environmental concern) associated with the Subject Property or with properties located within 50 m of the Site. The response did indicate that one former landfill Site was identified within 500 m of the Site, approximately 400 m south of the Site. This property is not suspected to have impacted the Site given the significant separation distance between the Site and this former landfill. Additionally, the HLUI response indicated that data gap analysis had been completed on the City owned portion of this former landfill and that no potential human health risks were identified.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial photographs are reviewed to generally document development of the Site and properties in the vicinity of the Site. They identify potential waste disposal areas, storage activities, land filling, and other potential adverse environmental concerns on Site and in the immediate vicinity of the Site. Aerial photographs of the Site and surrounding area were obtained for intermittent years between 1926 and 2014 at the National Air Photograph Library located in Ottawa, Ontario or were viewed on the City of Ottawa "geoOttawa" website (http://maps.ottawa.ca/geoottawa). Comments for each photograph are presented on the following table.

Table 4.2 Aerial Photographs

Year	Site	Neighbouring Properties
1926	The subject Site is undeveloped and appears to be used for agricultural purposes.	Neighbouring properties appear to be used for agricultural purposes. Regional Road 174 is present to the south of the Site. Creeks are present to the east and west of the Site; Taylors Creek is present further east of the Site, while the Ottawa River is present approximately 500 m north of the Site.
1945	The Site is essentially unchanged from 1926.	Neighbouring properties are essentially unchanged from 1926.
1955	The Site is essentially unchanged from 1945.	Neighbouring properties are essentially unchanged from 1945.
1965	The Site is essentially unchanged from 1955.	Neighbouring properties are essentially unchanged from 1955.

Table 4.2 Aerial Photographs

Year	Site	Neighbouring Properties
1976	The Site is essentially unchanged from 1965.	The adjacent property to the west of the Site has been developed with what appears to be a rural residential building and 12 agricultural buildings (barns and greenhouses). Residential development is apparent to the south of Highway 174, further south of the Site. Increased rural residential development is apparent in the Phase One study area.
1991	The Site appears to be vacant and does not appear to be used for agricultural purposes.	Several of the agricultural buildings to the west of the Site have been removed. Increased residential development is apparent to the south of Highway 174.
1999	The Site is essentially unchanged from 1991.	Increased residential development is apparent to the south of Highway 174 and further west of the Site.
2008	The Site is essentially unchanged from 1999.	A residential development is under construction further east of the Site.
2014	Some soil disturbance is apparent at the Site, which appears to be associated with development of the adjacent properties. A small structure (suspected Site trailer) is present on the north portion of the Site.	The adjacent properties to the west of the Site have been developed with multi-storey residential condominiums. Prestige Circle has been constructed to the west of the Site. Increased residential development is apparent to the east of the Site.

Aerial photographs indicate the subject Site has been undeveloped between 1926 and 2014. The immediate neighbouring properties were developed for rural residential purposes with agricultural uses starting prior to 1926. Significant increases in residential development were observed in the 1990s. No obvious potential waste disposal areas or storage activities on Site or in the immediate vicinity of the Site were noted, although the scale of the aerial photographs did not permit an accurate interpretation of detailed features of the Site or the adjacent properties. Copies of the Aerial Photographs are presented in Appendix E.

4.3.2 Topography, Hydrology, Geology

A Topographic map was reviewed from the MNRF and is provided in Figure 1. The mapping shows the Site to be situated in a primarily residential setting. The mapping shows the topography in the Phase One Study Area sloping towards the north. The nearest surface water bodies indicated on the mapping are two creeks, located approximately 30 m east and 130 m west of the Site. Taylors Creek was identified approximately 300 m east of the Site. The Ottawa River is located approximately 500 m north of the Site. GHD observed an area of shallow surface water ponding with water-based plant-life (i.e., reeds) in the northern portion of the Site; however, no areas of natural significance (including wetlands) were identified at the Site. No areas of potential environmental concern were identified from a review of the topographic map.

According to the information obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa-Hull the natural soil conditions in the region appear

to consist of "Abandoned River Channel Deposits of Silt and silty clay; commonly including lenses of sand and generally underlain at variable depth by stratified, buff, medium grained sand; un-fossiliferous; locally reworked into low dunes." The depths of overburden can vary significantly.

According to records from the water well information system and borehole databases, as presented in the results of the subcontracted ERIS search, the overburden soil in the vicinity of the Site consist of clay type soils. The overburden soil was reportedly underlain by limestone bedrock at approximate depths of 8 m to greater than 20 m below ground surface.

4.3.3 Fill Materials

The Site has surface cover of grass and tree/scrub vegetation. The Site is approximately level with Jeanne D'Arc Boulevard to the north, Highway 174 to the south and the surrounding neighbouring properties to the east. A gravel pad was observed in the southern portion of the property and appeared to be Granular B material imported to the Site. Two piles of fill material were observed at the Site. One pile appeared to be recently stockpiled material and appeared to be stripped topsoil, which was piled at the Site during development of the adjacent properties by the Client. The second pile appeared to be older material and was covered with vegetation. Mr. Jean-Luc Rivard (representing 9403434 Canada Inc., the current Property owner) indicated during an interview that the older stockpiled material was imported sand from 638 Centre Street, Ottawa, Ontario. The environmental quality of the soil at this property (638 Centre) was assessed as part of a 2010 Environmental Assessments and was found to be in compliance with the MECP Table 3 residential standards. Based on the available information, the on-Site fill is not considered a PCA and does represent an APEC for the Site.

4.3.4 Water Bodies and Areas of Natural Significance

The nearest surface water bodies are two creeks, located approximately 30 m east and 130 m west of the Site, respectively. Taylors Creek was identified approximately 300 m east of the Site. The Ottawa River is located approximately 500 m north of the Site. GHD observed an area of shallow surface water ponding with water-based plant-life (i.e., reeds) in the northern portion of the Site; however, no areas of natural significance (including wetlands) were identified at the Site. There are no areas of natural and scientific interest within 250 m of the Site.

4.3.5 Well Records

A search was conducted of the MECP Well Records Database which reported that there was no water supply well on-Site; however, properties in the Phase One Study Area have records of potable water wells. The details of the MECP water well records for the Phase One Study Area are described in the following table.

Table 4.3 Well Record Summary

MECP Well Tag #	Coordinates UTM	Orientation with respect to Site	Distance from Site (m)	Date Installed	Water Use	Depth to Water Table (m)
1513181	Not Specified	South-southwest	186.2 m	August 1964	Domestic	5.2

Table 4.3 Well Record Summary

MECP Well Tag #	Coordinates UTM	Orientation with respect to Site	Distance from Site (m)	Date Installed	Water Use	Depth to Water Table (m)
1519635	18t 461129.8M E 5037522M n	West-Southwest	238.6 m	November 1980	Domestic	7.62

Two domestic water wells were reported in the Phase One Study area; which were installed in 1964 and 1980. These wells were not visually identified at the time of the Site visit. The Phase One Property is located in an area where municipally treated water is now available. It is not suspected that any potable drinking water wells are present in the Phase One Study area.

4.3.6 Site Operating Records

There were no Site operating records available for review following the specific request to the existing owner. Considering that the Site has never been occupied, it was not expected that such information exists.

5. Interviews

Mr. Jean-Luc Rivard (representing 9403434 Canada Inc., the current Property owner) was interviewed at the time of this assessment. At the time of the interview, members of 9403434 Canada Inc. have been familiar with the Phase One Property since 2004 as they are also of the holdings company 3475140 Canada Inc. (later name change to 3223701 Canada Inc. in 2010) that purchased the Site in 2004. Mr. Rivard stated that the Site had never been developed and was unaware of any environmental concerns, such as fuel storage tanks or spills at the Site. Mr. Rivard stated that a Phase I Environmental Site Assessment was completed for the Site by John D. Paterson and Associates in 2003 as part of the due diligence for the purchase of the Site; this report was referenced in the 2013 SPL Phase One ESA which Mr. Rivard provided for GHD to review. Mr. Rivard stated that Colautti Construction completed the sewer servicing for the land in 2010 and 2011, however, stated that there were no fuel storage tanks or petroleum products stored at the Site. Mr. Rivard stated that there were no water wells on the Site. Mr. Rivard stated that the Site would be developed with connections to municipally treated water and the municipal sewer systems. Mr. Rivard stated that the stockpiled fill material identified on-Site during the Site visit is imported sand from 638 Centre Street, Ottawa, Ontario. The environmental quality of the soil at this property (638 Centre) was assessed as part of a 2010 Environmental Assessments and was found to be in compliance with the MECP Table 3 residential standards. Based on the available information, the on-Site fill is not considered a PCA and does represent an APEC for the Site.

No other record of potential environmental concerns was noted at the time of interview with the present property owner.

6. Site Reconnaissance

6.1 General Requirements

GHD conducted a Site visit on June 19, 2019 between 10:00 a.m. and 11:00 a.m. The Site visit was conducted by Ms. Kathleen Schaller, who has over 15 years experience of conducting Phase One ESA inspections.

Weather conditions were sunny with an approximate temperature of 25°C. The Site ground surfaces were overgrown with vegetation or were gravel surfaced at the time of Site visit, which prevented direct observation of the ground surface in some areas.

The Site was undeveloped at the time of Site visit. The overall topography of the Site was sloped downward to the east, towards the adjacent creek. Two stockpiles were found in the approximate center of the Site. The Site was overgrown with grass and shrub vegetation with the exception of a gravel pad in the southern portion of the property. No areas of potential environmental concerns were noted on the Site at the time of Site visit. Site photographs were taken at the time of the Site visit and are presented in Appendix F.

6.2 Specific Observations at Phase One Property

6.2.1 On-Site Structures and Improvements

Above Ground Structures

There were no permanent aboveground structures present on the Site at the time of the Site visit. Two temporary construction trailers and multiple C-can containers occupied the southeast portion of the Site.

Below Ground Structures

There were no below ground structures present on the Site at the time of the Site visit.

Tanks

Above Ground Storage Tanks (ASTs)

The presence of former or current ASTs was not reported by the Site representative and was not observed by GHD at the time of the Site visit.

Underground Ground Storage Tanks (USTs)

No visual evidence (such as filler or vent pipes), suggesting the presence of current or former USTs, was observed by GHD during the Site visit. The presence of former or current USTs was not reported by the Site representative.

Water Sources

Municipal water services are supplied by underground services located on the adjacent municipal right of way, Jeanne D'Arc Boulevard, to the north of the Site. No water or sewer connections were reported to exist for the Site, and none are suspected as the Phase One Property consists of

undeveloped land. No present day or historical water supply wells were observed on-Site during the Site visit.

6.2.2 Utility Corridors

Given that the subject Site is undeveloped and unoccupied, underground services are not expected to exist at the Site.

- Three pole mounted electricity and telephone lines were identified on the Site providing electricity to the Site trailers. Additionally, pole mounted electricity and telephone lines were observed along the east side of Prestige Circle, west of the Site and on the south side of Jeanne D'Arc Boulevard, north of the Site.
- Three electrical transformer boxes were observed on the Site, one off Prestige Circle and two off Jeanne D'Arc Boulevard. Historically, electrical transformers could contain Polychlorinated Biphenyls (PCBs); however, since development of the surrounding properties occurred after 1999, and the use of PCBs has been prohibited in Canada since 1977, the transformers likely do not contain PCBs. Staining was not observed around any of the transformers, therefore, environmental impacts are not suspected.
- An outdoor fiber optic cabinet, empty of cables, was identified off Jeanne D'Arc Boulevard as well as a Bell access hatch off Prestige Circle, in the couth east corner of the site.

6.2.3 Building Features

Exit and Entry Points

The Site is presently undeveloped with no building or paved access.

Heating Systems

The Site is presently undeveloped with no building present. No former building heating systems are suspected to have been present on the Site.

Cooling Systems

The Site is presently undeveloped with no building present. No former building cooling systems are suspected to have been present on the Site.

Drains, Pits, and Sumps

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

Unidentified Substances

There were no visually obvious unidentified substances observed during the Site visit.

Interior Stains or Spills

There was no evidence of spills observed during the Site visit.

6.2.4 Site Features

Wells

No wells were observed to be present at the Site during the Site visit.

Sewage Works

There was no evidence of a septic system present on the property at the time of Site visit. There is no evidence suggesting a building was once present on the Site. The Site representative was not aware of a septic system being present.

Ground Surface

The Site was covered with overgrown vegetation and mature trees at the time of the Site visit. GHD observed an area of shallow surface water ponding with water-based plant-life (i.e., reeds) in the northern portion of the Site.

Miscellaneous debris (rebar, metal, PVC piping, foam insulation, painted black wood, asphalt shingles and concrete debris), three discarded roof supply fans and two empty plastic tanks were observed on the north section of the Site. It is expected and recommended that general housekeeping during development dispose of these materials appropriately.

Railway Lines

There are no railway lines on the subject Site. There are no active or historic railway lines within a 250 m radius of the Phase One Property.

6.2.5 Environmental Site Observations

Staining

At the time of the Site visit, no visually obvious evidence of chemical or petroleum spills or releases associated with historical operations at the Site were observed.

Stressed Vegetation

No distressed vegetation, abnormal odours or visual evidence of contamination, suggesting the presence of chemical or petroleum spills or releases, were noted at the time of the Site visit.

Areas of Fill or Grading

The Site has surface cover of landscape/grass/tree/scrub vegetation. The Site is approximately level with Jeanne D'Arc Boulevard to the north, Highway 174 to the south and the surrounding neighbouring property to the east. Two stockpiles of fill material were observed at the Site. The southern stockpile was suspected to be stripped topsoil, which was piled at the Site during development of the adjacent properties by the Client. The northern stockpile of fill material was identified as sand imported from 638 Center Street, Ottawa, Ontario. The environmental quality of the soil at this property (638 Centre) was assessed as part of a 2010 Environmental Assessments and was found to be in compliance with the MECP Table 3 residential standards. Based on the available information, the on-Site fill is not considered a PCA and does represent an APEC for the Site.

Unidentified Substances

Unidentified substances were not observed on the Site during the Site visit.

6.2.6 Enhanced Investigation Property

According to Ontario Regulation 153/04 Schedule D 32(1)b, the Site is not classified as an 'Enhanced Property' for the purposes of this Phase One study.

6.2.7 Phase One Study Area (properties within 250 m)

At the time of Site visit, the properties adjacent to the Site were visually inspected for evidence of PCAs that may result in APECs for the Site. The inspection was conducted from public rights-of-way without physically accessing adjoining properties. For the purpose of this study, Jeanne D'Arc Boulevard is considered to be the east-west axis. At the time of Site visit the area within 250 m of the Site was occupied by the following facilities or features:

- North | Jeanne D'Arc Boulevard followed by undeveloped (treed) parkland with no municipal address followed by a wetland.
- East | Wooded land area and creek followed by a residential townhomes and condominiums along Parkrose Private.
- South | Undeveloped land followed by Highway 174 and residential properties at Civic No. 3535 St. Joseph Boulevard and a commercial property (Self-storage facility) at Civic No. 3545 St. Joseph Boulevard.
- West | Residential condominiums along Prestige Circle, a creek, followed by a residential townhouses and condominiums along Falconcrest Court and Rossignol Crescent.

The Site and surrounding properties are located in a predominantly residential, institutional, commercial and industrial sector of the City of Ottawa. No PCAs or APECs were identified in the Phase One Study Area at the time of the Site visit.

7. Review and Evaluation of Information

7.1 Current and Past Uses (Site)

Current and past land uses of the Site are summarized in Table 7.1.

Table 7.1 Summary of Current and Past Use

Year	Name of Owner	Description of Property Use	Other Observations from Aerial Photos, Fire Insurance Plans. Etc.
1865	Saltern Gioms	No reported use or occupancy of the Site. Suspected to have been undeveloped and used for agricultural purposes.	1926 to 1976 Aerial Photographs shows Site is undeveloped and/or used for agricultural purposes. Ownership registered to
1865 to 1883	Michael O'Toole		
1883 to 1910	Ann Jane O'Toole		
1910 to 1926	Louis Brisebois		
1926 to 1928	Eugene Brisebois		

Table 7.1 Summary of Current and Past Use

Year	Name of Owner	Description of Property Use	Other Observations from Aerial Photos, Fire Insurance Plans. Etc.
1928 to 1949	Arthur Brisebois	(Agricultural or Other Use)	individuals. (Aerial Photographs, Title Search)
1949 to 1953	Louis Joseph Giroux		
1953 to 1963	Arthur Brisebois		
1963 to 1977	Joseph Pierre Renaud		
1977 to 1987	Roger Sequin		
1987 to 2004	Marlin Developments Inc.	Site appears to be undeveloped and vacant with no developed use. (Agricultural or Other Use)	1991 to 2014 Aerial Photographs and Site visit indicated Site was undeveloped. Ownership registered to corporations. (Site Visit, Aerial Photographs, Title Search)
2004 to 2010	3475140 Canada Inc.		
March 11, 2010 to Present	3223701 Canada Inc. / 9403434 Canada Inc.		

7.2 Potentially Contaminating Activities

7.2.1 Summary of On-Site Potential Contaminating Activities

No potentially contaminating activities (PCAs) were identified at the Site during of this assessment.

7.2.2 Summary of Off-Site Potentially Contaminating Activities (Phase One Study Area)

No potentially contaminating activities (PCAs) were identified at neighbouring properties in the Phase One Study Area during this assessment.

7.3 Areas of Potential Environmental Concern

As previously noted, there were no potentially contaminating activities (PCAs) identified at the Site or on properties in the Phase One Study area and as such, there were no areas of potential environmental concern (APECs) identified for the Site.

7.4 Phase One Conceptual Site Model

Three plans are provided as Figures for this report to depict the conceptual Site model. Figure 1: Site Location Map shows the location of the Site within the City of Ottawa. Figure 2: Site Plan shows the current configuration of the Site and Figure 3: Surrounding Land Use Plan shows the current configuration and uses of the neighbouring properties in the Phase One Study Area. The Site and surrounding properties are located in a predominantly residential, institutional, commercial, and industrial sector of the City of Ottawa.

The property is located at Civic No. 8466 Jeanne D'Arc Boulevard in Ottawa, Ontario (Site or Property), is approximately 0.7 hectares in area, and is identified as Block 8 by the Client. The subject Property has been undeveloped land since at least 1926 and remains undeveloped. No developed use of the Site was identified in this Phase One ESA. The Property was

undeveloped/unoccupied at the time of the Site visit, with the exception of Clients mobile construction trailers and storage bins located on the Site, and overgrown vegetation (grass/shrubs) was observed on the Site.

The nearest surface water bodies are two creeks, located approximately 30 m east and 130 m west of the Site. Taylors Creek was identified approximately 300 m east of the Site. The Ottawa River is located approximately 500 m north of the Site. GHD observed an area of shallow surface water ponding with water-based plant-life (i.e., reeds) in the northern portion of the Site; however, no areas of natural significance (including wetlands) were identified at the Site.

No historic potable water wells were identified at the Site as part of the historical research and none were observed at the time of the Site visit. The topography in the Phase One Study Area is sloping down towards the Ottawa River to the north. A steep downward slope is present further east of the Site, towards the adjacent Creek. The Site is generally level at the property limits with the adjacent properties. The soil conditions are expected to consist of topsoil underlain by silty clay over limestone bedrock at 7 to 25 m below grade (mBG) and a water table, if present to be near 1.5 to 2.7 metres below grade surface (mBGS).

The historical records and use and present operations of properties located within 250 m of the subject land were considered from an environmental perspective for the purposes of this report. Properties located outside of the Phase One Study Area (250 m radius) were not considered to have the potential to have impacted the subject land. No potentially contaminating activities (PCAs) were identified on the Site.

No properties with PCAs were identified in the Phase One Study Area as part of this assessment and therefore, no APECs were identified for the Site associated with properties in the Phase One Study Area.

The Site is located in an area of the City of Ottawa where municipally treated water is supplied and municipal sewer systems are present. Electrical and natural gas services are available from private utility companies. Given that no development was identified on the Site, the presence of underground services is not suspected, nor are they expected to have contributed to contaminant distribution on the subject land.

The absence or uncertainty of any information is not expected to affect the validity of the conceptual site model or the conclusions of this assessment.

8. Conclusions

8.1 Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

No potentially contaminating activities (PCAs) were identified on the Site. No areas of potential environmental concern (APECs) were identified for the Site from the past or current use of the subject land.

No properties with PCAs were identified in the Phase One Study Area as part of this assessment and therefore, no APECs were identified for the Site.

Following the completion of the Phase One ESA for the subject Property, it is our opinion that a Phase Two Environmental Site Assessment is not required for the Site.

8.2 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

The previous land use of the Site is agricultural or other land use. The proposed future use of the Site is residential land use. The proposed land use change will involve changing land use to a less stringent use and will not require a Record of Site Condition under Ontario Regulation 153/04.

8.3 QP Confirmation

The findings and conclusions of the Phase One Environmental Site Assessment are founded on the accuracy and reliability of the information obtained from all parties, unless contradicted by visual Site observations or written documentation.

The conclusions are presented based upon the readily available public information within the time frame of this mandate by trained professionals, following a prescribed and recognised assessment procedure.

This report is not intended to address, or provide comment on the presence, or absence of organic growth organisms commonly referred to as mould, through statements, inferences or omissions.

The report is prepared for the use of the Client and his named representatives in making an informed financial and business decision regarding environmental liabilities that may be associated with the Site. The use of this report for any other purpose is at the Client's own risk.

The Client must understand that changing circumstances in the physical or regulatory environment, the administration and use of the Site, as well as changes in any substances stored, used, or disposed of at the Site, could significantly alter the conclusions and information contained in this report. Therefore, it is important that the Client periodically re-evaluates the Site and reviews developments or operations, which may potentially impact the Site.

The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers has been a Professional Engineer, registered in Ontario since 2012, has been working on environmental site assessments since 2006, and has been a project manager and peer reviewer for many Phase One ESAs and Phase Two ESAs as well as Records of Site Condition filed with the MECP.

9. References

Canadian Standards Authority. Z768-01 (R2006) - Phase I Environmental Site Assessment. 2006.

Ministry of Environment. Environmental Protection Act, Ontario Regulation 153/04, Records of Site Condition, Part XV.I of the Act.

Ministry of Environment and Energy. Ontario Inventory of PCB Storage Sites, January 1993. Queen's Printer for Ontario, 1993.

Ministry of Environment. Waste Disposal Site Inventory, June 1991. Queen's Printer for Ontario, 1994.

Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume 1, April 1987. Queen's Printer for Ontario, 1989.

Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume 11, April 1987. Queen's Printer for Ontario, 1989.

Intera Technologies Ltd. Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume 1, November 1988.

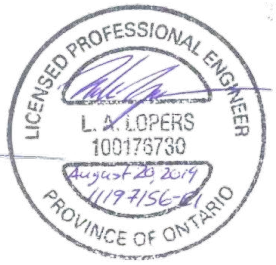
Intera Technologies Ltd. Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988.

"Phase One Environmental Site Assessment, 8465 North Service Road, Ottawa, Ontario" Prepared by SPL Consultants Limited (SPL), dated October 4, 2013

All of Which is Respectfully Submitted,

GHD

Kathleen Schaller, B. Tech., CET



Luke Lopers, P. Eng.

Paper Size ANSI A

0 130 260 390 520

Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 18N

N

GHD

9403434 CANADA INC.
8466 JEANNE D'ARC BOULEVARD (BLOCK 8)
OTTAWA, ONTARIO
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Project No. **11197156**
Revision No. **-**
Date **Jun 25, 2019**

SITE LOCATION MAP

FIGURE 1

O:\GIS\PROJECTS\11197000s\11197156\Layouts\201906_PhaseOneESA\11197156_01.mxd
Print date: 25 Jun 2019 - 09:27

Paper Size ANSI A

0 6.5 13 19.5 26

Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 18N

9403434 CANADA INC.
8466 JEANNE D'ARC BOULEVARD (BLOCK 8)
OTTAWA, ONTARIO
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

SITE PLAN

Project No. **11197156**
Revision No. **-**
Date **Aug 20, 2019**

FIGURE 2

O:\GIS\PROJECTS\11197000s\11197156\Layouts\201906_PhaseOneESA\11197156_02.mxd
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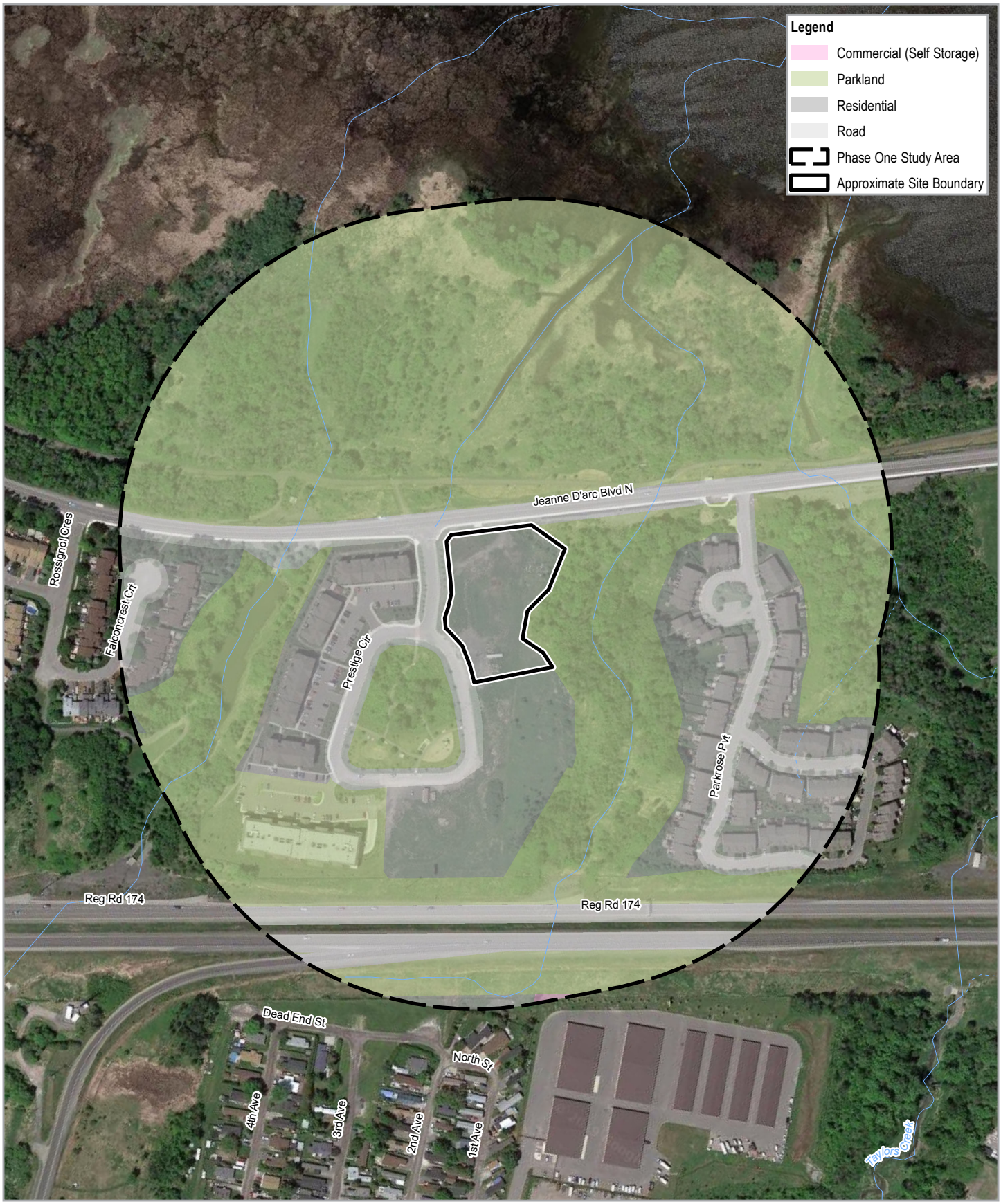
Data source: Image ©2019 Google, Imagery date: 6/1/2018



Paper Size ANSI A

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Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 18N

9403434 CANADA INC.
8466 JEANNE D'ARC BOULEVARD (BLOCK 8)
OTTAWA, ONTARIO
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

Project No. **11197156**
Revision No. **-**
Date **Aug 20, 2019**

SURROUNDING LAND USE PLAN

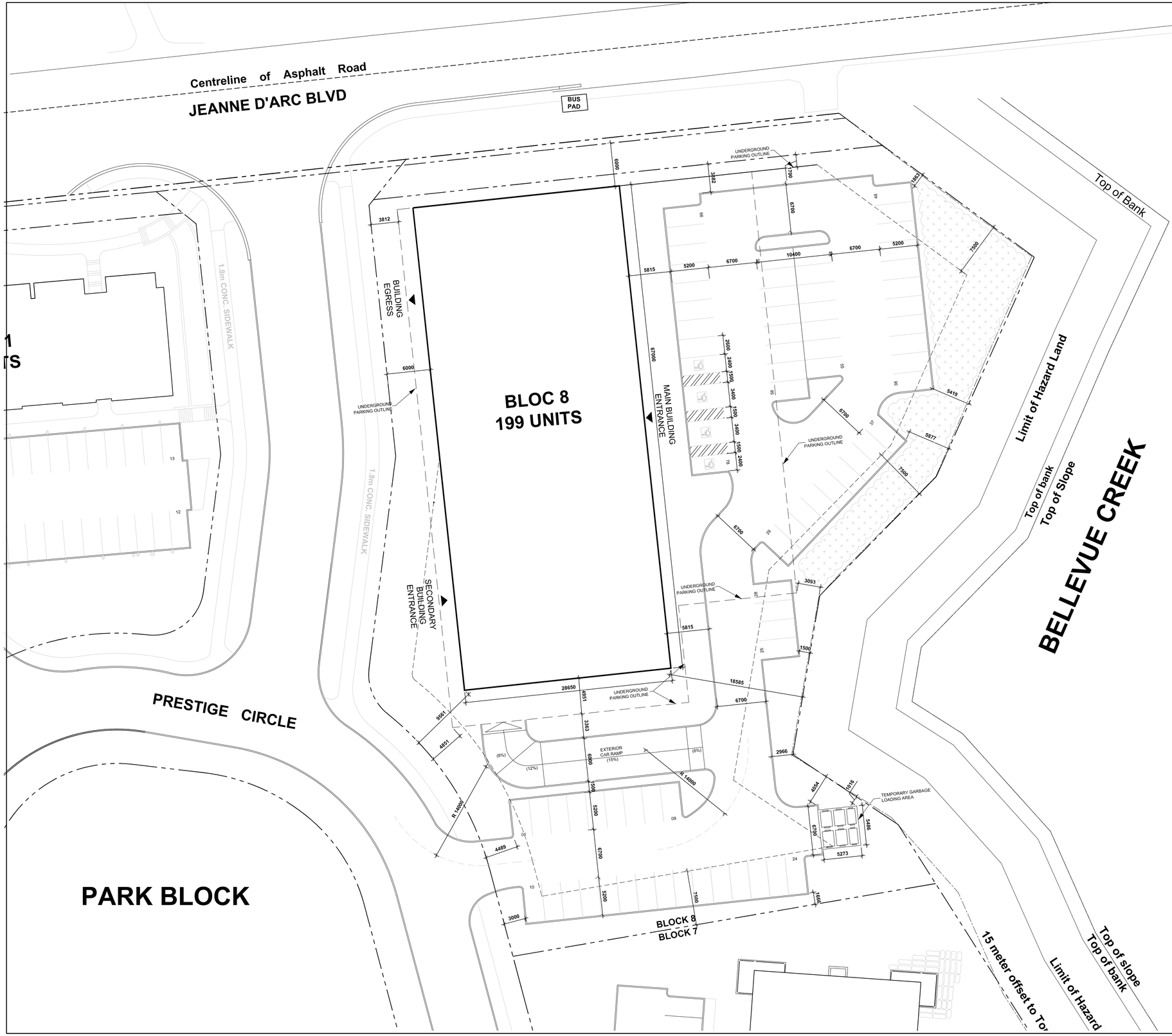
FIGURE 3

O:\GIS\PROJECTS\11197000s\11197156\Layouts\201906_PhaseOneESA\11197156_03.mxd
Print date: 20 Aug 2019 - 11:46

Data source: Image ©2019 Google, Imagery date: 6/1/2018

Appendices

Appendix A
Plan of Survey



GENERAL NOTES / NOTES GÉNÉRALES :
SEE SHEET A-002 / VOIR FEUILLE A-002

KEY PLAN / PLAN CLÉ :

LEGEND

- SNOW DEPOSIT AREA
- ASPHALT AREA
- GRASS AREA
- BUILDING ACCESS

INFOMARTION SUMARY

OUTDOOR PARKING

STANDARD SPACES = 74
DISABLED SPACES = 4

INDOOR PARKING (2 LEVELS)

STANDARD SPACES = 198
DISABLED SPACES = 4

REQUIRED PARKING / UNIT RATIO = 1.40
PROPOSED PARKING / UNIT RATIO = 1.40

PROJECT TEAM / ÉQUIPE DU PROJET :

CLIENT
Name
ADDRESS
ADDRESS
Phone :

SURVEYOR / ARPENTEUR
Name
ADDRESS
ADDRESS
Phone :

URBAN PLANNING / AMÉNAGEMENT URBAIN
Name
ADDRESS
ADDRESS
Phone :

CIVIL ENG. / ING. CIVIL
Name
ADDRESS
ADDRESS
Phone :

STRUCTURAL ENG. / ING. STRUCTURE
Name
ADDRESS
ADDRESS
Phone :

MECHANICAL / ELECTRICAL ENG. / ING. MÉC. / ÉLECT.
Name
ADDRESS
ADDRESS
Phone :

LANDSCAPE / PAYSAGEMENT
Name
ADDRESS
ADDRESS
Phone :

revisions	description	date
01	ISSUED FOR COMMENTS	2019-05-28

ARCHITECT / ARCHITECTE :
ROSSMANN ARCHITECTS AND ASSOCIATES INC. / ARCHITECTES ET ASSOCIÉS INC.
88 BOULEVARD SAINT-JOSEPH,
GATINEAU, QC
Tel ; 819-600-1555
www.raai.ca

NOT FOR CONSTRUCTION / PAS POUR CONSTRUCTION

SEAL / SCEAU :

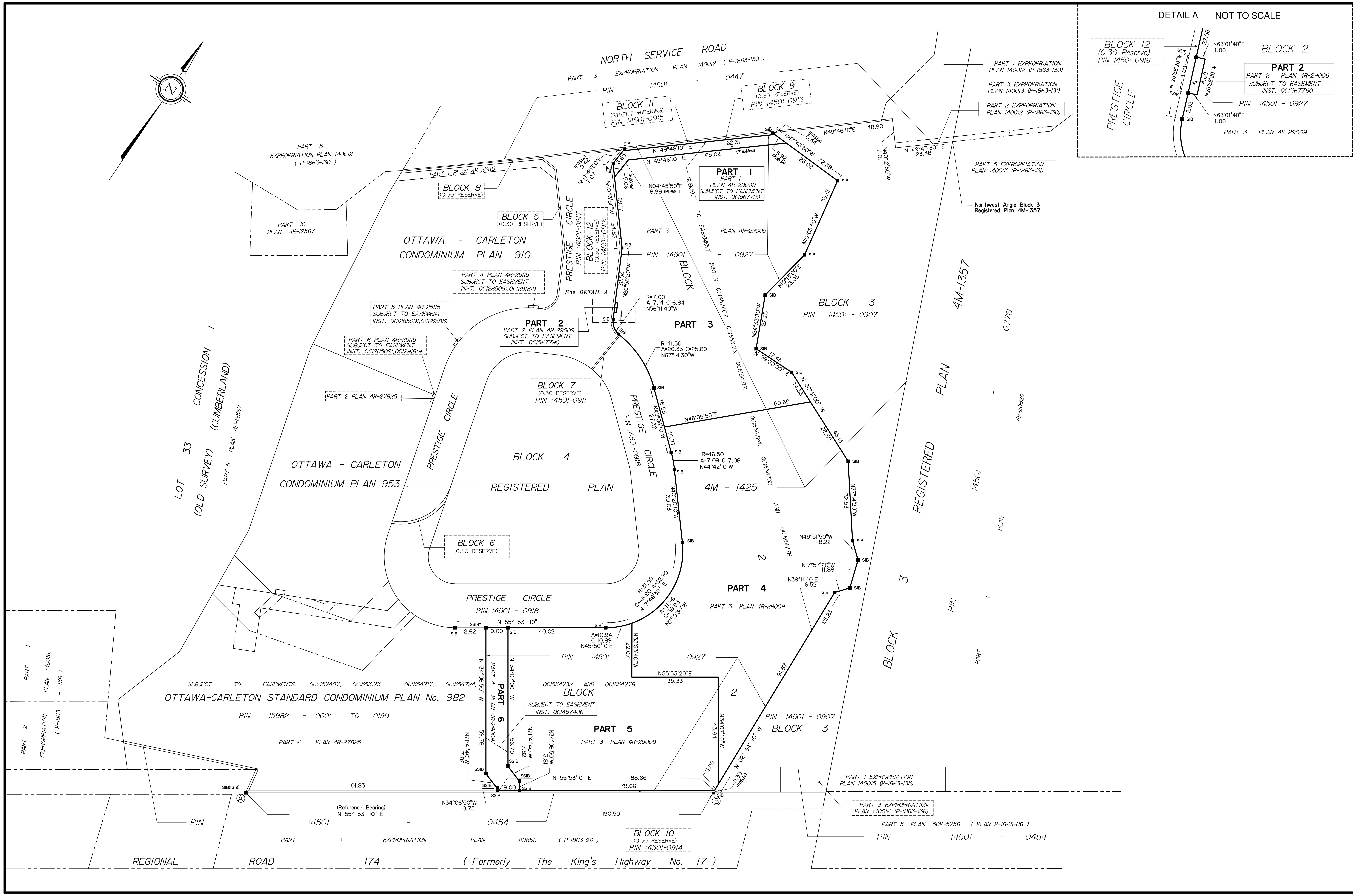
CLIENT :

PROJECT / PROJET :
BRIGIL
PETRIES LANDING
BLOC 8

DRAWING / DESSIN :
SITE PLAN
PRELIMINARY

SCALE / ÉCHELLE : 1:250

DRAWN BY / DESSINÉ PAR : E.S
REVIEWED BY / VÉRIFIÉ PAR : E.S
DATE : SHEET-DATE
DWG NO. / NO. DESSIN : A-001
PROJECT NO. / NO. DE PROJET : XX-XXXX
PROJECT PHASE / PHASE DU PROJET : XXX



I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT. DATE:____________ ________________ RICHARD R. GAUTHIER ONTARIO LAND SURVEYOR		PLAN 4R- RECEIVED AND DEPOSITED DATE:____________ ________________ REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF OTTAWA-CARLETON NO. 4.		

SCHEDULE

AREA (Sq.m.)	PART	BLOCK	PLAN	PIN
7733	1	PART OF 2	4M-1425	ALL OF 14501-0927
	2			
	3			
8076	4			
5609	5			
	6			

Parts 1 and 2: Subject to Easement Inst. OC1567790.
Part 6: Subject to Easement Inst. OC1457406.
Parts 1 to 6 inclusive: Subject to Easement Inst.'s OC1457407, OC1553173, OC1554717, OC1554724, OC1554732 and OC1554778.

DRAFT *PLAN OF SURVEY OF*

PART OF BLOCK 2
REGISTERED PLAN 4M-1425
CITY OF OTTAWA

Surveyed by Annis , O'Sullivan , Vollebekk Ltd.

Scale 1 : 750

30 22.5 15 7.5 0 15 30 Metres

Metric

DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

Surveyor's Certificate

I CERTIFY THAT :

1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Land Titles Act and the regulations made under them.
2. The survey was completed on the __ day of _________, 2017.

____
Date

____
Richard R. Gauthier
Ontario Land Surveyor

NOTES AND LEGEND

—□—	denotes	Survey Monument Planted
—■—	"	Survey Monument Found
SIB	"	Standard Iron Bar
SSIB	"	Short Standard Iron Bar
SSIB*	"	Short Standard Iron Bar 0.3 metres Long
IB	"	Iron Bar
CLF	"	Chain Link Fence
BF	"	Board Fence
(AOG)	"	Annis, O'Sullivan, Vollebekk Ltd.
(P1)	"	Plan 4R-29009

All found survey monuments are (AOG) unless otherwise noted.

All bearing and distances between found survey monuments are (P1)&Meas unless otherwise noted.

Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.999967.

Bearings are grid, derived from Can-Net 3.0 Real Time Network GPS observations on reference points A and B, shown hereon, having a bearing of N55°53'10"E and are referenced to Specified Control Points 01919680184 and 019198434761, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

Coordinates are derived from Can-Net 3.0 Real Time Network GPS observations referenced to Specified Control Points 01919680184 and 019198434761, MTM Zone 9 (76°30' West Longitude) NAD-83 (original).

Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.

. 01919680184	Northing	5040610.16	Easting	384736.56
. 019198434761	Northing	5036178.12	Easting	372436.11
. Point A	Northing	5039317.72	Easting	383314.27
. Point B	Northing	5039424.71	Easting	383472.21

Caution: Coordinates cannot, in themselves, be used to re-establish corners or boundaries shown on this plan.

ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com
Ontario Land Surveyors

Job No. 16109-15 Brigil PtBlk 2 4M-1425 R D1 | FL/ig

Appendix B
Environmental Search - Chain of Title

READ Abstracts Limited
331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4
Email: search@readsearch.com
Tel.: 613-236-0664
Fax: 613-236-3677

ENVIRONMENTAL SEARCH

May 9, 2017

GHD
Attn: Luke Lopers

BRIEF DESCRIPTION OF LAND:

8466 Jeanne D'Arc Blvd., Ottawa
Block 2, Plan 4M12425, except Parts 1 – 18 on 4R27825
PIN: 14501-0927

LAST REGISTERED OWNER: 3223701 CANADA INC.

CHAIN OF TITLE:

Deed 6515 registered March 28, 1865
From Saltern Gioms to Michael O'Toole

Deed RR3950 registered July 20, 1883
From Michael O'Toole to Ann Jane O'Toole

Quit Claim RR9067 registered July 25, 1906
From John Kehoe to Ann Jane O'Toole

Deed RR10371 registered November 11, 1910
From Ann Jane O'Toole to Louis Brisebois

Deed RR14697 registered February 5, 1926
From Louis Brisebois to Eugene Brisbois

Deed RR15259 registered July 23, 1928
From Estate of Louis Brisebois to Arthur Brisebois

Deed RR18808 registered July 7 , 1949
From Arthur Brisebois to Louis Joseph Giroux

Deed RR19751 registered May 12, 1953

From Louis Joseph Giroux to Arthur Brisebois

Deed RR5903B registered September 30, 1963
From Arthur Brisebois to Joseph Pierre Renaud

Deed RR108086B registered November 6, 1968
From Felicita Brisebois (widow of Eugene Brisebois) to Joseph Pierre Renaud and Nora Renaud

Deed RR56873 registered September 16, 1977
From Joseph Pierre Renaud and Nora Renaud to Roger Seguin in trust

Deed RR109340 registered July 29, 1987
From estate of Roger Seguin to Marlin Developments Inc.

Deed OC301570 registered February 19, 2004
From Marlin Developments Inc. to 3475140 Canada Inc.

Name Change OC1086086 registered March 11, 2010
From 3475140 Canada Inc. to 3223701 Canada Inc.

Plan 4M1425 registered January 24, 2011
By 3223701 Canada Inc.

Appendix C
ERIS Database Summary

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*8466 Jeanne d'Arc Boulevard North* *8466 Jeanne d'Arc Boulevard North* *Orléans ON K4A 0N8*
Project No:	*11197156*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20190614024*
Requested by:	*GHD Ltd.*
Date Completed:	*June 19, 2019*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*8466 Jeanne d'Arc Boulevard North* *8466 Jeanne d'Arc Boulevard North Orléans ON K4A 0N8*
Project No:	*11197156*

Order Information:

Order No:	*20190614024*
Date Requested:	*June 14, 2019*
Requested by:	*GHD Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical 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	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	1	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	2	2
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
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	5	5
	Total:		1	14	15

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
4	EHS		8466 Jeanne D'arc Blvd N Ottawa ON K4A0N8	S/56.9	3.62	15

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	GEN	colautti construction	8465 north service road orleans ON K1C 1T1	NNW/6.6	-1.30	15
1	GEN	colautti construction	8465 north service road orleans ON K1C 1T1	NNW/6.6	-1.30	15
2	WWIS		CITY OF OTTAWA ON ***Well ID:*** 7268067	NNE/12.9	-6.19	16
3	PINC		30 Prestige Circle, Ottawa ON	SW/45.6	2.27	17
5	BORE		ON	N/122.4	-8.04	18
6	WWIS		lot 32 CITY OF OTTAWA ON ***Well ID:*** 7268068	NE/133.7	-8.19	18
7	WWIS		Orleans ON ***Well ID:*** 7154978	SSW/160.1	3.08	20
8	BORE		ON	ESE/175.6	3.69	22
9	BORE		ON	SSW/186.2	2.76	22
9	WWIS		lot 33 con 1 ON ***Well ID:*** 1513181	SSW/186.2	2.76	23
10	BORE		ON	SE/196.8	3.69	25
11	SPL	City of Ottawa	1145 Falcon Cres Crt, Orleans Ottawa ON	SW/212.6	2.52	25

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	WWIS		lot 33 con 1 ON ***Well ID:*** 1519635	SW/216.5	1.13	26

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	122.4	5
	ON	175.6	8
	ON	186.2	9
	ON	196.8	10

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Apr 30, 2019 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	8466 Jeanne D'arc Blvd N Ottawa ON K4A0N8	56.9	4

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Mar 31, 2019 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
colautti construction	8465 north service road orleans ON K1C 1T1	6.6	1

Site	Address	Distance (m)	Map Key
colautti construction	8465 north service road orleans ON K1C 1T1	6.6	1

PINC - TSSA Pipeline Incidents

A search of the PINC database, dated Feb 28, 2017 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	30 Prestige Circle, Ottawa ON	45.6	3

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

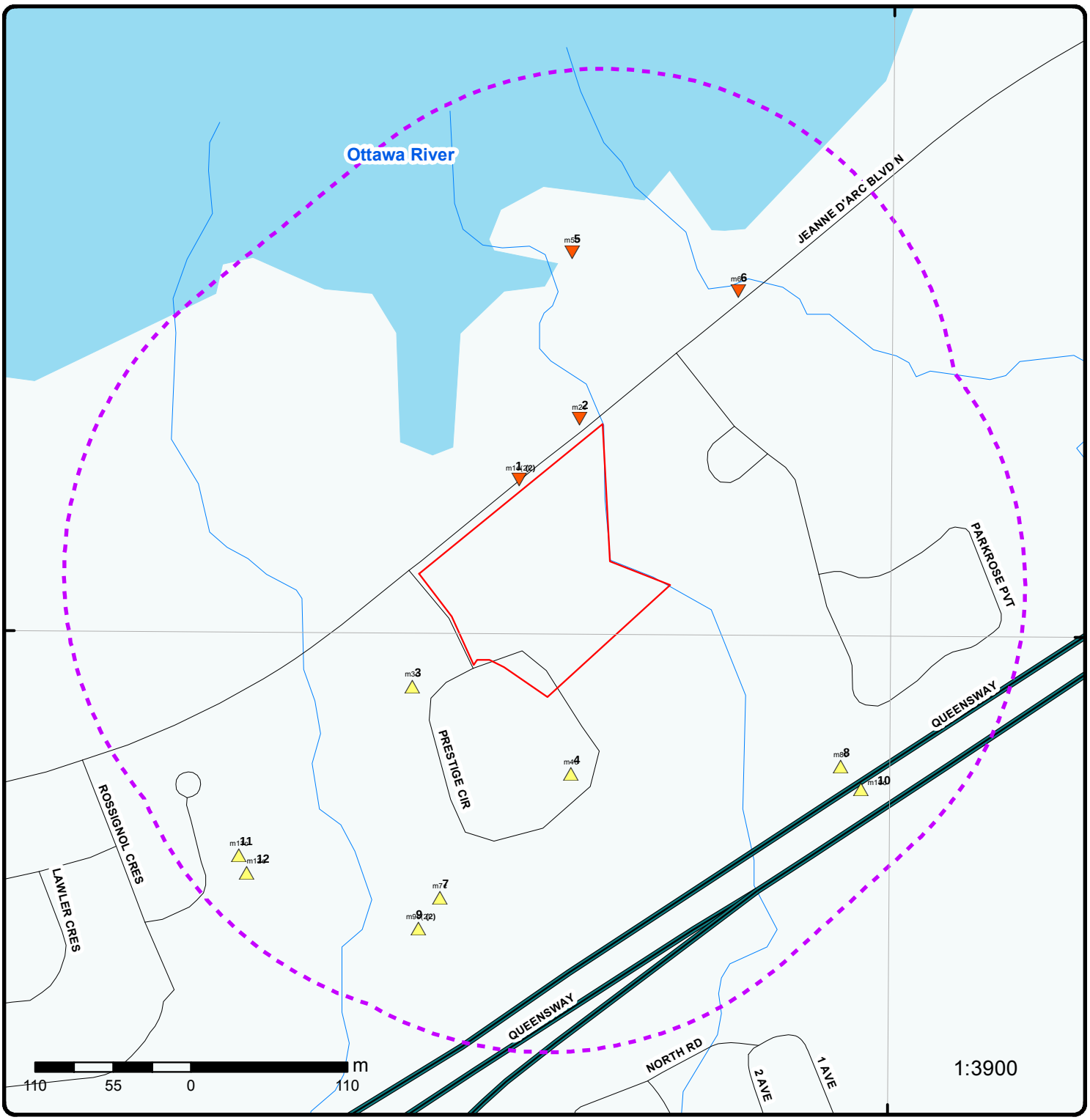
Site	Address	Distance (m)	Map Key
City of Ottawa	1145 Falcon Cres Crt, Orleans Ottawa ON	212.6	11

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	CITY OF OTTAWA ON ***Well ID:*** 7268067	12.9	2
	lot 32 CITY OF OTTAWA ON ***Well ID:*** 7268068	133.7	6
	Orleans ON	160.1	7

Site	Address	Distance (m)	Map Key
	Well ID: 7154978		
	lot 33 con 1 ON	186.2	9
	Well ID: 1513181		
	lot 33 con 1 ON	216.5	12
	Well ID: 1519635		



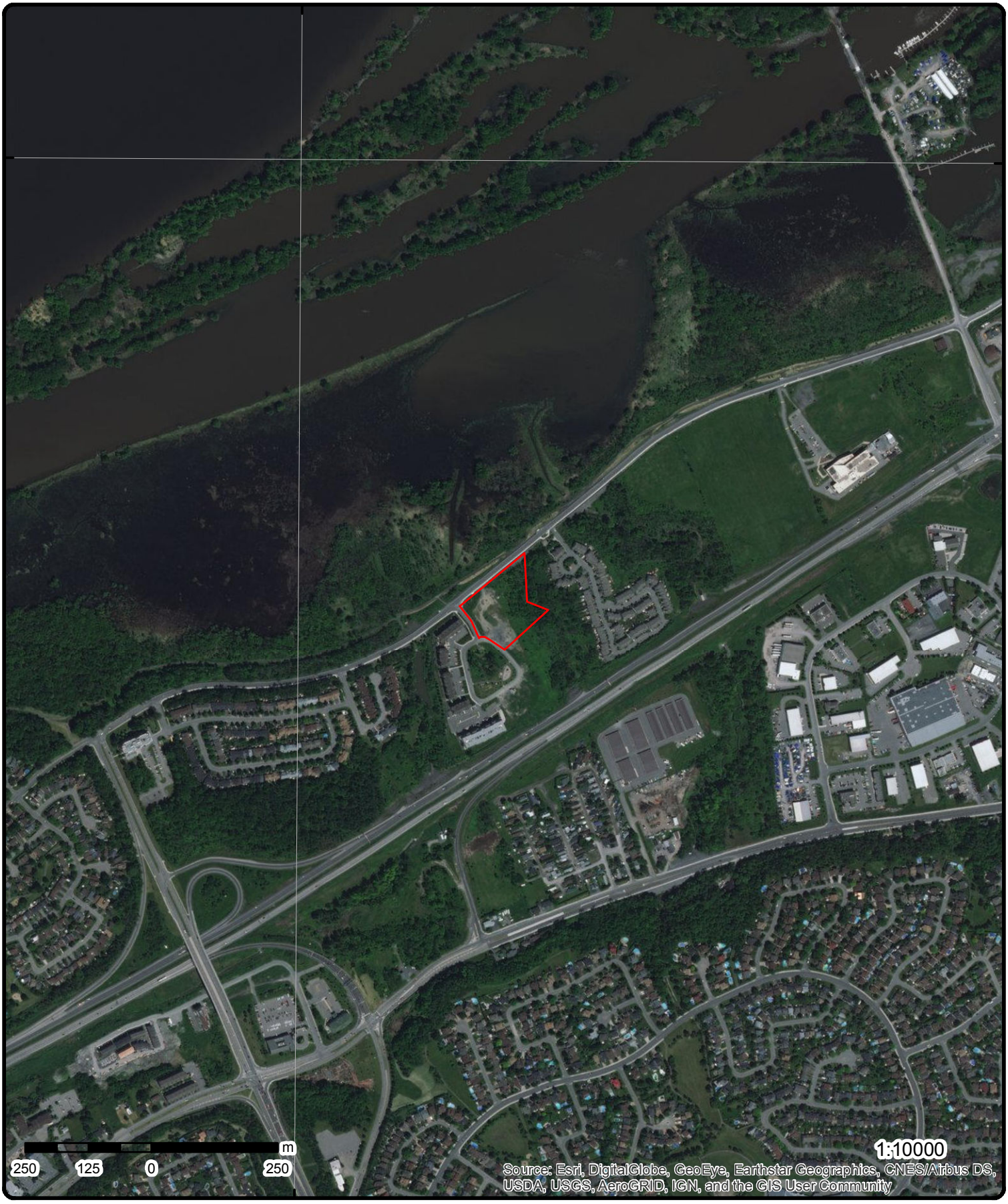
Map : 0.25 Kilometer Radius

Order No: 20190614024

Address: 8466 Jeanne d'Arc Boulevard North, Orléans, ON, K4A 0N8

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



Aerial (2017)

Order No: 20190614024

Address: 8466 Jeanne d'Arc Boulevard North, Orléans, ON, K4A 0N8

ENVIRONMENTAL RISK INFORMATION SERVICES

Source: ESRI World Imagery

Topographic Map

Order No: 20190614024

Address: 8466 Jeanne d'Arc Boulevard North, Orléans, ON, K4A 0N8

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	S/56.9	55.8 / 3.62	8466 Jeanne D'arc Blvd N Ottawa ON K4A0N8	EHS

Order No:	20170412123	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	19-APR-17	**Search Radius (km):**	.25
Date Received:	12-APR-17	**X:**	-75.494523
Previous Site Name:		**Y:**	45.490779
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	NNW/6.6	50.9 / -1.30	colautti construction 8465 north service road orleans ON K1C 1T1	GEN

Generator No:	ON7988243	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	237990		
SIC Description:	Other Heavy and Civil Engineering Construction		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 2	NNW/6.6	50.9 / -1.30	colautti construction 8465 north service road orleans ON K1C 1T1	GEN

Generator No:	ON7988243	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	237990		
SIC Description:	Other Heavy and Civil Engineering Construction		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	NNE/12.9	46.0 / -6.19	CITY OF OTTAWA ON	WWIS

Well ID: 7268067
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z170978
Tag:

Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/2/2016
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7477
Form Version: 7
Owner:
Street Name: JEANNE D'ARC BLVD N (85 W OF PARKROSE. PRVT.)
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006181441
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 7/22/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 45.297172
Elevrc:
Zone: 18
East83: 461364
North83: 5037841
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006189906
Layer: 1
Plug From: 0
Plug To: 0.45
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006189907
Layer: 2
Plug From: 0.45
Plug To: 12
Plug Depth UOM: m

Pipe Information

Pipe ID: 1006189898
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006189902
Layer: 1
Material: 7
Open Hole or Material: OTHER
Depth From: 0
Depth To: 12
Casing Diameter: 1.25
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006189903
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006189901
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 4.9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006189900
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

---

3 | ***1 of 1*** | ***SW/45.6*** | ***54.5 / 2.27*** | ***30 Prestige Circle, Ottawa ON*** | ***PINC***

Incident ID:
Incident No: 949216
Type: FS-Pipeline Incident
Status Code: Pipeline Damage Reason Est
Fuel Occurrence Tp:
Fuel Type:
Tank Status: RC Established
Task No: 4185518
Spills Action Centre:
Method Details: E-mail

Health Impact:
Environment Impact:
Property Damage: Yes
Service Interupt:
Enforce Policy: Yes
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:

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

Fuel Category:	Natural Gas	**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regualtor Location:**	
Occurrence Start Date:	2012/11/25		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	30 Prestige Circle, Ottawa - 1" Pipeline Hit		
Reported By:	ryan.noble@enbridge.com		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

---

5 *1 of 1* *N/122.4* *44.1 / -8.04* *ON* **BORE**

Borehole ID:	805826	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	
Drill Method:	Hollow stem auger	**UTM Zone:**	18
Easting:	461358.83	**Northing:**	5037958.19
Location Accuracy:		**Orig. Ground Elev m:**	50.2
Elev. Reliability Note:		**DEM Ground Elev m:**	42.5
Total Depth m:	8.2	**Primary Name:**	BH.95-6
Township:		**Concession:**	
Lot:		**Municipality:**	
Completion Date:	29-MAR-1995	**Static Water Level:**	-999.9
Primary Water Use:		**Sec. Water Use:**	

--Details--

Stratum ID:	218586418	**Top Depth(m):**	0.0
Bottom Depth(m):	0.2	**Stratum Desc:**	Crushed Stone
Stratum ID:	218586419	**Top Depth(m):**	0.2
Bottom Depth(m):	0.4	**Stratum Desc:**	Crushed Stone
Stratum ID:	218586420	**Top Depth(m):**	0.4
Bottom Depth(m):	5.5	**Stratum Desc:**	Grey-Brown Very Stiff to Stiff Weathered Crust Silty Clay Trace: Sa
Stratum ID:	218586421	**Top Depth(m):**	5.5
Bottom Depth(m):	8.2	**Stratum Desc:**	Grey Firm Silty Clay occasional black streaking

---

6 *1 of 1* *NE/133.7* *44.0 / -8.19* *lot 32 CITY OF OTTAWA ON* **WWIS**

Well ID:	7268068	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/2/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7477
Casing Material:		**Form Version:**	7
Audit No:	Z170979	**Owner:**	
Tag:		**Street Name:**	JEANNE D'ARC BLVD. N (60 M E OF PARKROSE PRVT.)
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	032
Well Depth:		**Concession:**	

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

Bore Hole Information

Bore Hole ID:	1006181521	***Elevation:***	42.59637
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461476
Code OB Desc:		***North83:***	5037931
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/22/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006189916
Layer:	1
Plug From:	0
Plug To:	0.45
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006189917
Layer:	2
Plug From:	0.45
Plug To:	11.27
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1006189908
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006189912
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	11.27
Casing Diameter:	0.75
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006189913
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1006189911
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	7.87
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1006189910
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

7 ***1 of 1*** ***SSW/160.1*** ***55.3 / 3.08*** ***Orleans ON*** ***WWIS***

Well ID:	7154978	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Not Used	***Date Received:***	11/24/2010
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7260
Casing Material:		***Form Version:***	7
Audit No:	Z099932	***Owner:***	
Tag:		***Street Name:***	8465 NORTH SERVICE ROAD 8467
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003413289	***Elevation:***	56.683712
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	461266
Code OB Desc:		***North83:***	5037504
Open Hole:		***Org CS:***	UTM83

Cluster Kind:
Date Completed: 8/12/2010
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003556020
Layer: 2
Plug From: 27
Plug To: 64
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003556019
Layer: 1
Plug From: 5
Plug To: 27
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1003556016
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003556022
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003556023
Layer:
Slot:
Screen Top Depth:

Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1003556018
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

8 **1 of 1** **ESE/175.6** **55.9 / 3.69** **ON** **BORE**

Borehole ID: 848180
Use: Geotechnical/Geological Investigation
Drill Method: Hollow stem auger
Easting: 461548
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 6.7
Township: CUMBERLAND
Lot: LOT 32
Completion Date: 29-JUN-1988
Primary Water Use:

Type: Borehole
Status: Decommissioned
UTM Zone: 18
Northing: 5037596
Orig. Ground Elev m: 50.5
DEM Ground Elev m: 56
Primary Name:
Concession: CON 1 FROM THE OTTAWA
Municipality:
Static Water Level: -999.9
Sec. Water Use:

--Details--
Stratum ID: 6560181
Bottom Depth(m): 6.7

Top Depth(m): 0.0
Stratum Desc: CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE)

---

9 **1 of 2** **SSW/186.2** **54.9 / 2.76** **ON** **BORE**

Borehole ID: 616388
Use:
Drill Method:
Easting: 461251
Location Accuracy:
Elev. Reliability Note:
Total Depth m: 18.3
Township:
Lot:
Completion Date: AUG-1964
Primary Water Use:

Type: Borehole
Status:
UTM Zone: 18
Northing: 5037482
Orig. Ground Elev m: 56.4
DEM Ground Elev m: 56.8
Primary Name:
Concession:
Municipality:
Static Water Level: -999.9
Sec. Water Use:

--Details--
Stratum ID: 218403810
Bottom Depth(m): 15.5

Top Depth(m): 0.0
Stratum Desc: CLAY.

Stratum ID: 218403811
Bottom Depth(m): 18.3

Top Depth(m): 15.5
Stratum Desc: LIMESTONE. 00055STONE. GREY. 00120 SEISMIC VELOCITY = 5100. BEDROCK. SEISMIC VELOCITY =

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	2 of 2	SSW/186.2	54.9 / 2.76	lot 33 con 1 ON	WWIS

Well ID: 1513181
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/21/1964
Selected Flag: Yes
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 033
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10035169
DP2BR: 51
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/18/1964
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 56.723712
Elevrc:
Zone: 18
East83: 461250.8
North83: 5037483
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931022623
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 51
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931022622

Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583739
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930062316
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930062315
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991513181
Pump Set At:	
Static Level:	17
Final Level After Pumping:	45
Recommended Pump Depth:	55
Pumping Rate:	20
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

Water Details

Water ID:	933468683
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55
Water Found Depth UOM:	ft

---

10 | ***1 of 1*** | ***SE/196.8*** | ***55.9 / 3.69*** | ***ON*** | ***BORE***

Borehole ID:	848179	**Type:**	Borehole
Use:	Geotechnical/Geological Investigation	**Status:**	Decommissioned
Drill Method:	Hollow stem auger	**UTM Zone:**	18
Easting:	461562	**Northing:**	5037581
Location Accuracy:		**Orig. Ground Elev m:**	57.7
Elev. Reliability Note:		**DEM Ground Elev m:**	57.3
Total Depth m:	12.6	**Primary Name:**	
Township:	CUMBERLAND	**Concession:**	CON 1 FROM THE OTTAWA
Lot:	LOT 32	**Municipality:**	
Completion Date:	04-JUL-1988	**Static Water Level:**	-999.9
Primary Water Use:		**Sec. Water Use:**	

--Details--

Stratum ID:	6560179	**Top Depth(m):**	0.0
Bottom Depth(m):	7.6	**Stratum Desc:**	PROBABLY SAND, PROBABLE CLAY (FILL)
Stratum ID:	6560180	**Top Depth(m):**	7.6
Bottom Depth(m):	12.6	**Stratum Desc:**	CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE)

---

11 | ***1 of 1*** | ***SW/212.6*** | ***54.7 / 2.52*** | ***City of Ottawa***
1145 Falcon Cres Crt, Orleans
Ottawa ON | ***SPL***

Ref No:	2111-8YRTP9	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	04-OCT-12	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Operator/Human error	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	41	**Nearest Watercourse:**	
Contaminant Name:	PAINT AND PIGMENT WASTES	**Site Address:**	1145 Falcon Cres Crt, Orleans
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Surface Water Pollution	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	

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

MOE Reported Dt:	04-OCT-12	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Watercourse Spills
Incident Reason:	Operator/Human Error	**Source Type:**	
Site Name:	1145 Falconcrest Court, in front of<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa: Paint to CB, unknown		
Contaminant Qty:	0 other - see incident description		

12	1 of 1	SW/216.5	53.3 / 1.13	lot 33 con 1 ON	WWIS

Well ID:	1519635	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/20/1981
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	033
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041504	**Elevation:**	54.87453
DP2BR:	162	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	461129.8
Code OB Desc:	Bedrock	**North83:**	5037522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/12/1980	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931042274
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 145
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042276
Layer: 4
Color: 2
General Color: GREY
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 160
Formation End Depth: 162
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042273
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042277
Layer: 5
Color: 3
General Color: BLUE
Mat1: 19
Most Common Material: SLATE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 162
Formation End Depth: 169
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042275
Layer: 3

Color:	2
General Color:	GREY
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	29
Other Materials:	FINE GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	145
Formation End Depth:	160
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10590074
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930072473
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	164
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519635
Pump Set At:	
Static Level:	25
Final Level After Pumping:	100
Recommended Pump Depth:	100
Pumping Rate:	18
Flowing Rate:	
Recommended Pump Rate:	15
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934108564
Test Type:	Recovery

Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894595
Test Type: Recovery
Test Duration: 60
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653835
Test Type: Recovery
Test Duration: 45
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383855
Test Type: Recovery
Test Duration: 30
Test Level: 25
Test Level UOM: ft

Water Details

Water ID: 933476681
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 169
Water Found Depth UOM: ft

Unplottable Summary

Total: 47 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	3475140 Canada Inc.		Ottawa ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher	Ottawa ON	
CA	3475140 Canada Inc.	Ward 1, Part of Block 2, RP 4M	Ottawa ON	
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	3475140 Canada Inc.	Ward 1, Part of Block 2, RP 4M	Ottawa ON	
CA	Regional Municipality of Ottawa-Carleton	JEANNE D'ARC BLVD.	CUMBERLAND TWP. ON	
CA	TENTH LINE DEVELOPMENT INC.	RIVERWALK SUBD/ST.1/N.SERV.RD.	CUMBERLAND TWP. ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CONV	Colautti Construction Ltd		Ottawa ON	
EBR	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1	OTTAWA ON	
EBR	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA	ON	
ECA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	K1T 3V7
GEN	Habitat for Humanity	Jeanne d'Arc Blvd North	ottawa ON	K1C 2R4
PTTW	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA	ON	
SPL	CONSUMERS GAS	HWY 17 NATURAL GAS PIPELINE	CUMBERLAND TWP. ON	

SPL	CONSTRUCTION SITE	MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM (N.O.S.)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	AT THE MR. GAS SERVICE STATION ON HWY. 17 AT TRIM RD. IN ORLEANS MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON
SPL		Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site)<UNOFFICIAL>	Ottawa ON
SPL	ONTARIO HYDRO	HWY 17 EAST OF CUMBERLAND STA. (WEST LANE) MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TWP. ON
SPL	CONTRACTOR	HIGHWAY 17 CONSTRUCTION SITE MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON
SPL	City of Ottawa	Hwy 174 westbound	Ottawa ON
SPL	City of Ottawa	JEAN D'ARC RD., NORTH OF HWY 174<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Jeanne D'arc Blvd, westbound on-ramp	Ottawa ON
SPL	City of Ottawa	Jeanne D'Arc westbound On-ramp to Hwy 174	Ottawa ON
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL		QUEENSWAY EASTBOUND AT METCALFE \	OTTAWA CITY ON
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON
WWIS		lot 32	ON
WWIS		con 1	ON
WWIS		lot 32	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		lot 33	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 1	ON

WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	lot 32 con 1	ON
WWIS	con 1	ON
WWIS	lot 32	ON
WWIS	lot 33	ON
WWIS	con 1	ON

Unplottable Report

Site: ***3475140 Canada Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3011-87JGZJ
Application Year: 2010
Issue Date: 9/3/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Facility Ottawa ON

Database: ***CA***

Certificate #: 2617-7QQKQB
Application Year: 2009
Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Jaw Crusher Ottawa ON

Database: ***CA***

Certificate #: 5388-7QPQL2
Application Year: 2009
Issue Date: 4/30/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***3475140 Canada Inc.***
Ward 1, Part of Block 2, RP 4M Ottawa ON

Database: ***CA***

Certificate #: 8833-84WGMV

Application Year: 2010
Issue Date: 4/30/2010
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Larco Land Corporation***
Part of Lot 32, Concession 1, Ottawa Front Ottawa ON

Database: ***CA***

Certificate #: 6996-5F5HDF
Application Year: 2002
Issue Date: 10/22/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***3475140 Canada Inc.***
Ward 1, Part of Block 2, RP 4M Ottawa ON

Database: ***CA***

Certificate #: 1683-87KNNV
Application Year: 2010
Issue Date: 7/21/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Regional Municipality of Ottawa-Carleton***
JEANNE D'ARC BLVD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1384-92-
Application Year: 92
Issue Date: 10/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***TENTH LINE DEVELOPMENT INC.***
RIVERWALK SUBD/ST.1/N.SERV.RD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 7-0546-95-
Application Year: 95
Issue Date: 6/27/1995
Approval Type: Municipal water
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: ***Colautti Construction Ltd***
Ottawa ON

Database: ***CONV***

File No: 108583
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: The City of Ottawa and its contractor were fined $120,000 for failing to comply with a permit to take water and discharging sediment into Stillwater Creek, a tributary of the Ottawa River. 'Polluters should be aware that the ministry's Investigations and Enforcement Branch will vigorously pursue charges when our environmental laws are broken', said Environment Minister Jim Bradley. In 2010, the city awarded a contract for a water main installation along several streets in Ottawa to Colautti Construction Ltd. ' a local company that specializes in the construction of sewer and water lines. For dewatering required by construction, a permit to take water was issued to the City that required a number of conditions including turbidity testing. Following reports in August 2010 of possible impairments to Stillwater Creek as a result of drilling work, a ministry investigation found the company was responsible for a discharge of sediment into Stillwater Creek. Although there was no evidence of any actual impact to fish in Stillwater Creek as a result of the sediment discharge on that day, sediment discharges can adversely affect fish and benthic organisms. The City was also found to have not been conducting the required turbidity testing. The City of Ottawa and Colautti Construction Ltd. were fined a total of $120,000 plus victim fine surcharges of $30,000 and were given sixty days to pay the fines.

Background:
URL:

Additional Details

Publication Date:
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date Of Offence:
Date Of Conviction:
Date Charged: May 31, 2013
Charge Disposition: fine, victim fine surcharge
Fine: $120,000
Synopsis:

Additional Details

Publication Date:
Count:
Act: Pesticides Act
Regulation:
Section:
Act/Regulation/Section: Pesticides Act
Date Of Offence:
Date Of Conviction:
Date Charged: March 10, 2014
Charge Disposition: fine, victim fine surcharge
Fine: $5,000
Synopsis:

Site: ***3223701 Canada Inc.***
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-0496
Ministry Ref. No: 2600-9DMNQJ
Notice Type: Instrument Proposal
Company Name:
Proponent Name:
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Instrument Type: (OWRA s. 34) - Permit to take water
Location Other:
URL:
Proposal Date: November 22, 2013
Notice Pub Date:
Year: 2013

Location:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No: 012-5817
Ministry Ref. No: 7932-A22HN3
Notice Type: Instrument Decision
Company Name: Enviro-Grind Ltd. operating as Colautti Construction Ltd.
Proponent Name:
Proponent Address: 2562 Delzotto avenue Ottawa Ontario Canada K2J 6K7
Instrument Type: Environmental Compliance Approval (project type: air) - EPA Part II.1-air
Location Other:
URL:
Proposal Date: January 31, 2018
Notice Pub Date: June 01, 2018
Year: 2018

Location:

Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA

Site: ***Enviro-Grind Ltd. operating as Colautti Construction Ltd.***
Mobile Facility Ottawa ON K1T 3V7

Database: ***ECA***

Approval No:	2617-7QQKQB	***MOE District:***	
Approval Date:	2009-04-30	***City:***	Ottawa
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4433-7AXS7Q-14.pdf		

Site: ***Habitat for Humanity***
Jeanne d'Arc Blvd North ottawa ON K1C 2R4

Database: ***GEN***

Generator No:	ON6838717	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	james r smith
MHSW Facility:	No	***Phone No Admin:***	6137452444 Ext.241
SIC Code:	624220		
SIC Description:	624220		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Site: ***3223701 Canada Inc.***
Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No:	012-0496	***Proposal Date:***	November 22, 2013
Ministry Ref. No:	2600-9DMNQJ	***Notice Date:***	June 10, 2014
Notice Type:	Instrument Decision	***Year:***	2013
Company Name:	3223701 Canada Inc.		
Proponent Name:			
Proponent Address:	98 Lois Street, Gatineau Quebec, Canada J8Y 3R7		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Location Other:			
URL:			

Location:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: ***CONSUMERS GAS***
HWY 17 NATURAL GAS PIPELINE CUMBERLAND TWP. ON

Database: ***SPL***

Ref No:	39641	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/23/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	

Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20601
Nature of Impact:	Human health	***Site Lot:***	
Receiving Medium:	AIR	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/23/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	DAMAGE BY MOVING EQUIPMENT	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CONSUMERS GAS-PIPELINE RUPTURE.		
Contaminant Qty:			

Site: ***CONSTRUCTION SITE***
MISSISSIPPI BRIDGE CONST. SITE, 300 M WEST OF HWY 17, 3.5 KM N OF ANTRIM (N.O.S.) OTTAWA CITY ON

Database: ***SPL***

Ref No:	192858	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	1/3/2001	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	20107
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	1/3/2001	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	DUFFERIN CONSTRUCTION- 40-60 L SILTY WATER OVER-FLOWED SILT FENCE,CONT'D.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
AT THE MR. GAS SERVICE STATION ON HWY. 17 AT TRIM RD. IN ORLEANS MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	166790	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/20/1999	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20601
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	

Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/20/1999	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MULTI MARQUES - 200 L OF DIESEL FUEL TO GROUND & SEWER FROM TRUCK.		
Contaminant Qty:			

Site: ***Database:*** ***SPL***

Hwy 17 where crosses South Indian Creek (Limoges Casselman Construction Site)<UNOFFICIAL> Ottawa ON

Ref No:	6723-75LPCT	***Discharger Report:***	
Site No:		***Material Group:***	Oil
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	15	***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Ottawa
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/30/2007	***Site Map Datum:***	
Dt Document Closed:	8/30/2007	***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:	Hwy 17 where crosses South Indian Creek		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Dufferin Construction: 0.5 L hyd. oil to South Indian Creek		
Contaminant Qty:	0.5 L		

Site: ***Database:*** ***SPL***

ONTARIO HYDRO
HWY 17 EAST OF CUMBERLAND STA. (WEST LANE) MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TWP. ON

Ref No:	39231	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	8/14/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20601
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/14/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OVERSTRESS/OVERPRESSURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ONTARIO HYDRO - 25 L HYDRAULIC OIL TO GROUND; BROKEN HOSE ON VEHICLE.
Contaminant Qty:

Site: ***CONTRACTOR*** ***Database:*** ***SPL***
HIGHWAY 17 CONSTRUCTION SITE MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

Ref No:	91870	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/30/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20601
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MTO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/30/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	EQUIPMENT FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: CONTRACTOR: 45 L HYDRAULIC OIL TO GROUND FROM PAVER
Contaminant Qty:

Site: ***City of Ottawa*** ***Database:*** ***SPL***
Hwy 174 westbound Ottawa ON

Ref No:	1861-72DJ2M	***Discharger Report:***	
Site No:		***Material Group:***	Chemicals
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT (N.O.S.)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/18/2007	***Site Map Datum:***	
Dt Document Closed:	5/3/2007	***SAC Action Class:***	
Incident Reason:	Spill	***Source Type:***	
Site Name:	OC Transpo vehicle, Hwy 174 westbound<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: OC Transpo: 15-20 L antifreeze to roadway
Contaminant Qty: 20 L

Site: ***City of Ottawa*** ***Database:*** ***SPL***
JEAN D'ARC RD., NORTH OF HWY 174<UNOFFICIAL> Ottawa ON

Ref No:	0881-6VWMXM	***Discharger Report:***	
Site No:		***Material Group:***	Chemicals
Incident Dt:	11/26/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Discharges	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT (N.O.S.)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/26/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo, 40 L coolant to rd,clnd up by City		
Contaminant Qty:	40 L		

Site: ***City of Ottawa***
Jeanne D'arc Blvd, westbound on-ramp Ottawa ON

Database: ***SPL***

Ref No:	7273-7DQGC7	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Other Motor Vehicle
Incident Event:		***Agency Involved:***	
Contaminant Code:	24	***Nearest Watercourse:***	
Contaminant Name:	ETHYLENE GLYCOL (ANTIFREEZE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/15/2008	***Site Map Datum:***	
Dt Document Closed:	4/18/2008	***SAC Action Class:***	Watercourse Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	OC Transpo Bus spill<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC-Transpo -10L glycol to road/sewer		
Contaminant Qty:	10 L		

Site: ***City of Ottawa***
Jeanne D'Arc westbound On-ramp to Hwy 174 Ottawa ON

Database: ***SPL***

Ref No:	6805-A82M9Z	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2016/03/14	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Communal
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT N.O.S.	***Site Address:***	Jeanne D'Arc westbound On-ramp to Hwy 174

Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2016/03/14	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	

Site Name: Jeanne D'Arc westbound On-ramp to Hwy 174<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 60 L engine coolant to cb
Contaminant Qty: 60 L

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

Database: ***SPL***

Ref No:	224201	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/19/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	OPP-KANATA; MTO
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/19/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.
Contaminant Qty:

Site:
QUEENSWAY EASTBOUND AT METCALFE \ OTTAWA CITY ON

Database: ***SPL***

Ref No:	162583	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/2/1998	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	

Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/2/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

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

Database: ***SPL***

Ref No:	239018	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/11/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND, WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/11/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING		
Contaminant Qty:			

Site:
lot 32 ON

Database: ***WWIS***

Well ID:	1536399	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/19/2006
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	6964
Casing Material:		***Form Version:***	3
Audit No:	Z34812	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	15000
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID: 11550465
DP2BR:
Spatial Status:
Code OB: x
Code OB Desc: Unknown type in the lower layers(s)
Open Hole:
Cluster Kind:
Date Completed: 5/6/2006
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 933057970
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Other Materials: SILTY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 0.77
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933057971
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.77
Formation End Depth: 4.87
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293797
Layer: 2
Plug From: 0.5
Plug To: 4.87
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293796
Layer: 1
Plug From: 0

Plug To: 0.5
Plug Depth UOM: m

Pipe Information

Pipe ID: 11560072
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1522679
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 13183
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/19/1988
Selected Flag: Yes
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044489
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 9/27/1988
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931052255
Layer: 2
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29

Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052254
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 29
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10593059
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077802
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522679
Pump Set At:
Static Level: 13
Final Level After Pumping: 36
Recommended Pump Depth: 40
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
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: 934386853
Test Type: Draw Down
Test Duration: 30
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656229
Test Type: Draw Down
Test Duration: 45
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905046
Test Type: Draw Down
Test Duration: 60
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111009
Test Type: Draw Down
Test Duration: 15
Test Level: 27
Test Level UOM: ft

Water Details

Water ID: 933480652
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43
Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1531568
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Dewatering
Water Type:
Casing Material:
Audit No: 224542
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src: 1
Date Received: 11/17/2000
Selected Flag: Yes
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10053102	***Elevation:***	
DP2BR:	16	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/6/2000	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931078873
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931078875
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	34
Other Materials:	TILL
Formation Top Depth:	12
Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931078874
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Other Materials:	GRAVEL

Mat3: 28
Other Materials: SAND
Formation Top Depth: 3
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078876
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 16
Formation End Depth: 23
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116739
Layer: 1
Plug From: 0
Plug To: 15
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601672
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093000
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 10
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093001
Layer: 3
Material:

Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092999
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531568
Pump Set At:
Static Level: 10
Final Level After Pumping: 10
Recommended Pump Depth: 20
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
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

Draw Down & Recovery

Pump Test Detail ID: 934113985
Test Type: Recovery
Test Duration: 15
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397184
Test Type: Recovery
Test Duration: 30
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915010
Test Type: Recovery
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658119
Test Type: Recovery
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933492078
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 22
Water Found Depth UOM: ft

Water Details

Water ID: 933492077
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 17
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1523138
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 17787
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/9/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044944
DP2BR: 25
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/7/1988
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931053680
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 245
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053679
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 25
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110113
Layer: 1
Plug From: 0
Plug To: 27
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593514
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078623
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078624
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 245
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523138
Pump Set At:
Static Level: 35
Final Level After Pumping: 245
Recommended Pump Depth: 225
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
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

Draw Down & Recovery

Pump Test Detail ID: 934649111
Test Type: Recovery
Test Duration: 45
Test Level: 64
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388548
Test Type: Recovery
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112712
Test Type: Recovery
Test Duration: 15
Test Level: 185
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906732

Test Type: Recovery
Test Duration: 60
Test Level: 37
Test Level UOM: ft

Water Details

Water ID: 933481296
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 245
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1524650
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 67166
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/10/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046398
DP2BR: 33
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/26/1990
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931058642
Layer: 3
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 33
Formation End Depth: 127
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058643
Layer: 4
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 127
Formation End Depth: 133
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058641
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 16
Formation End Depth: 33
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931058640
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 16
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933110869
Layer: 1
Plug From: 4
Plug To: 44

Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10594968
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081236
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524650
Pump Set At:
Static Level: 70
Final Level After Pumping: 105
Recommended Pump Depth: 120
Pumping Rate: 40
Flowing Rate:
Recommended Pump Rate: 10
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: 20
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934654617
Test Type: Draw Down
Test Duration: 45
Test Level: 105
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384838
Test Type: Draw Down
Test Duration: 30
Test Level: 105
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934109425
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902998
Test Type:	Draw Down
Test Duration:	60
Test Level:	105
Test Level UOM:	ft

Water Details

Water ID:	933483333
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	131
Water Found Depth UOM:	ft

Site:
lot 33 ON

Database:
WWIS

Well ID:	1531882	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/4/2001
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	1
Audit No:	223383	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	033
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10053416	***Elevation:***	
DP2BR:	23	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	4/5/2001	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931079803
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079806
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 165
Formation End Depth: 185
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079805
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 165
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079804
Layer: 2
Color: 2
General Color: GREY
Mat1: 29
Most Common Material: FINE GRAVEL
Mat2: 13
Other Materials: BOULDERS
Mat3: 77

Other Materials: LOOSE
Formation Top Depth: 10
Formation End Depth: 23
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933117017
Layer: 1
Plug From: 0
Plug To: 40
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10601986
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093614
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093613
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531882
Pump Set At:
Static Level: 12
Final Level After Pumping: 40
Recommended Pump Depth: 165
Pumping Rate: 20
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114656
Test Type: Recovery
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934398828
Test Type: Recovery
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659209
Test Type: Recovery
Test Duration: 45
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915542
Test Type: Recovery
Test Duration: 60
Test Level: 12
Test Level UOM: ft

Water Details

Water ID: 933492491
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 168
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1529125
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116755
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:

Data Entry Status:
Data Src: 1
Date Received: 9/11/1996
Selected Flag: Yes
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050661
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/29/1996
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931071857
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 190
Formation End Depth: 234
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931071855
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Other Materials: GRAVEL
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931071856

Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 190
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114106
Layer: 1
Plug From: 0
Plug To: 41
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10599231
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088514
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 41
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991529125
Pump Set At:
Static Level: 100
Final Level After Pumping: 210
Recommended Pump Depth: 225
Pumping Rate: 5
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

Draw Down & Recovery

Pump Test Detail ID: 934907681
Test Type: Draw Down
Test Duration: 60
Test Level: 210
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389981
Test Type: Draw Down
Test Duration: 30
Test Level: 180
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659709
Test Type: Draw Down
Test Duration: 45
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934115017
Test Type: Draw Down
Test Duration: 15
Test Level: 160
Test Level UOM: ft

Water Details

Water ID: 933489064
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 230
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1525216
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91532
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src: 1
Date Received: 12/10/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10046957	***Elevation:***	
DP2BR:	42	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/19/1990	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931060479
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	130
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931060477
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931060478
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL

Mat2: 77
Other Materials: LOOSE
Mat3:
Other Materials:
Formation Top Depth: 40
Formation End Depth: 42
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933111129
Layer: 1
Plug From: 6
Plug To: 44
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595527
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082225
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525216
Pump Set At:
Static Level: 28
Final Level After Pumping: 68
Recommended Pump Depth: 120
Pumping Rate: 6
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934656396
Test Type: Draw Down
Test Duration: 45
Test Level: 68
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111636
Test Type: Draw Down
Test Duration: 15
Test Level: 49
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387041
Test Type: Draw Down
Test Duration: 30
Test Level: 58
Test Level UOM: ft

Water Details

Water ID: 933484122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84
Water Found Depth UOM: ft

Water Details

Water ID: 933484123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1523137
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 17791
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/9/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10044943	***Elevation:***	
DP2BR:	54	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/18/1988	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931053675
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931053677
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	29
Other Materials:	FINE GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	44
Formation End Depth:	54
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931053678
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 54
Formation End Depth: 67
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931053676
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 44
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593513
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078622
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 67
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078621
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523137
Pump Set At:

Static Level: 17
Final Level After Pumping: 57
Recommended Pump Depth: 57
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 20
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: 934649110
Test Type: Recovery
Test Duration: 45
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906731
Test Type: Recovery
Test Duration: 60
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388547
Test Type: Recovery
Test Duration: 30
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112711
Test Type: Recovery
Test Duration: 15
Test Level: 17
Test Level UOM: ft

Water Details

Water ID: 933481295
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 64
Water Found Depth UOM: ft

Water Details

Water ID: 933481293
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Water Details

Water ID:	933481294
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1521838	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/22/1987
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1504
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10043651	***Elevation:***	
DP2BR:	44	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/15/1987	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931049327
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42

Formation End Depth: 44
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049325
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049328
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 70
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931049326
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 42
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10592221

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076270
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930076269
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521838
Pump Set At:
Static Level: 33
Final Level After Pumping: 70
Recommended Pump Depth: 55
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934108132
Test Type: Recovery
Test Duration: 15
Test Level: 33
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934910606
Test Type: Recovery
Test Duration: 60
Test Level: 33
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391256
Test Type: Recovery
Test Duration: 30
Test Level: 33
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653375
Test Type: Recovery
Test Duration: 45
Test Level: 33
Test Level UOM: ft

Water Details

Water ID: 933479545
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1521098
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/2/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OS
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042935
DP2BR: 0
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 11/13/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931046821
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 15
Other Materials: LIMESTONE
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 0
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046822
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 13
Formation End Depth: 305
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591505
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074940
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 305
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074939

Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521098
Pump Set At:
Static Level: 20
Final Level After Pumping: 305
Recommended Pump Depth: 290
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934650638
Test Type: Recovery
Test Duration: 45
Test Level: 176
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389625
Test Type: Recovery
Test Duration: 30
Test Level: 221
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105387
Test Type: Recovery
Test Duration: 15
Test Level: 264
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908285
Test Type: Recovery
Test Duration: 60
Test Level: 137
Test Level UOM: ft

Water Details

Water ID: 933478551
Layer: 1

Kind Code: 1
Kind: FRESH
Water Found Depth: 305
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1515223
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/3/1976
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10037182
DP2BR: 12
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/24/1975
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931028587
Layer: 3
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 115
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931028585
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931028588
Layer: 4
Color: 2
General Color: GREY
Mat1: 19
Most Common Material: SLATE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 125
Formation End Depth: 140
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931028586
Layer: 2
Color: 2
General Color: GREY
Mat1: 19
Most Common Material: SLATE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 115
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10585752
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065662
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515223
Pump Set At:
Static Level: 15
Final Level After Pumping: 50
Recommended Pump Depth: 90
Pumping Rate: 6
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: 15
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934646262
Test Type: Recovery
Test Duration: 45
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100039
Test Type: Recovery
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934375961
Test Type: Recovery
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894968
Test Type: Recovery
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Water Details

Water ID:	933471248
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1519590	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/15/1985
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041460	***Elevation:***	
DP2BR:	6	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	4/25/1985	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931042147
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931042148
Layer: 2
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 87
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10590030
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072399
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519590
Pump Set At:
Static Level: 20
Final Level After Pumping: 35
Recommended Pump Depth: 75
Pumping Rate: 23
Flowing Rate:
Recommended Pump Rate: 12
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: 934653793
Test Type: Draw Down
Test Duration: 45
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894136
Test Type: Draw Down
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934383814
Test Type: Draw Down
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109223
Test Type: Draw Down
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Water Details

Water ID: 933476630
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1521092
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/2/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OS
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042929
DP2BR: 289
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/27/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931046803
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 289
Formation End Depth: 296
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046799
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046800
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 274

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046802
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 287
Formation End Depth: 289
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931046801
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 274
Formation End Depth: 287
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10591499
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074929
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 296
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074928
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 291
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521092
Pump Set At:
Static Level: 15
Final Level After Pumping:
Recommended Pump Depth: 30
Pumping Rate: 150
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934389619
Test Type: Recovery
Test Duration: 30
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908279
Test Type: Recovery
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650632
Test Type: Recovery
Test Duration: 45
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105381
Test Type: Recovery
Test Duration: 15
Test Level: 21
Test Level UOM: ft

Water Details

Water ID:	933478542
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	296
Water Found Depth UOM:	ft

Site:
lot 32 con 1 ON

Database:
WWIS

Well ID:	1526107	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/21/1992
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1504
Casing Material:		***Form Version:***	1
Audit No:	110663	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	032
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10047840	***Elevation:***	
DP2BR:	92	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	3/24/1992	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931063237
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	31
Other Materials:	COARSE GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	88
Formation End Depth:	92
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931063235
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 24
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063236
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 24
Formation End Depth: 88
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931063238
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:
Other Materials:
Formation Top Depth: 92
Formation End Depth: 110
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10596410
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083735
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 94
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083736
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526107
Pump Set At:
Static Level: 20
Final Level After Pumping: 108
Recommended Pump Depth: 50
Pumping Rate: 60
Flowing Rate:
Recommended Pump Rate: 30
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: 934908055
Test Type:
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106283
Test Type:
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389914
Test Type:

Test Duration:	30
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934650857
Test Type:	
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

Water Details

Water ID:	933485318
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1516886	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/22/1979
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10038776	***Elevation:***	
DP2BR:	263	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/12/1978	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931033459
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Other Materials: STICKY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 155
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033463
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 263
Formation End Depth: 275
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033460
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 155
Formation End Depth: 165
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931033461
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Other Materials: STICKY
Mat3:
Other Materials:
Formation Top Depth: 165
Formation End Depth: 230
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931033462
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	230
Formation End Depth:	263
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10587346
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930068050
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	263
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930068051
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	275
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516886
Pump Set At:	
Static Level:	15
Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	15

Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934382027
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934643116
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102445
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933473265
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 273
Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1526662
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116388
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 11/13/1992
Selected Flag: Yes
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048353
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 9/21/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931064795
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 9
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064797
Layer: 3
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 61
Formation End Depth: 64
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931064796
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 9
Formation End Depth: 61
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10596923
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930084652
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991526662
Pump Set At:
Static Level: 26
Final Level After Pumping: 49
Recommended Pump Depth: 59
Pumping Rate: 21
Flowing Rate:
Recommended Pump Rate: 8
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: 10
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934652560
Test Type: Draw Down
Test Duration: 45
Test Level: 49
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909755

Test Type: Draw Down
Test Duration: 60
Test Level: 49
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108413
Test Type: Draw Down
Test Duration: 15
Test Level: 38
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392047
Test Type: Draw Down
Test Duration: 30
Test Level: 41
Test Level UOM: ft

Water Details

Water ID: 933486040
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 64
Water Found Depth UOM: ft

Site:
lot 33 ON

Database:
WWIS

Well ID: 1528759
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 163056
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/26/1995
Selected Flag: Yes
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 033
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050295
DP2BR: 167
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/25/1995
Remarks:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931070712
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070713
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 6
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070715
Layer: 4
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Other Materials: SAND
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 145
Formation End Depth: 167
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070714
Layer: 3
Color: 8
General Color: BLACK

Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 55
Formation End Depth: 145
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931070716
Layer: 5
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 167
Formation End Depth: 170
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933113712
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10598865
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087892
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 167
Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087893
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 170
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528759
Pump Set At:
Static Level: 45
Final Level After Pumping: 50
Recommended Pump Depth: 125
Pumping Rate: 25
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: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934649389
Test Type:
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906571
Test Type:
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388872
Test Type:
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105246
Test Type:
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Water Details

Water ID:	933488586
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	167
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	1520007	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/16/1985
Sec. Water Use:	Livestock	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2351
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041857	***Elevation:***	
DP2BR:	21	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	8/1/1985	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931043443
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	21
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931043442
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043441
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10590427
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073080
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520007
Pump Set At:

Static Level: 7
Final Level After Pumping: 10
Recommended Pump Depth:
Pumping Rate: 40
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934904392
Test Type: Draw Down
Test Duration: 60
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654444
Test Type: Draw Down
Test Duration: 45
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110289
Test Type: Draw Down
Test Duration: 15
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376254
Test Type: Draw Down
Test Duration: 30
Test Level: 10
Test Level UOM: ft

Water Details

Water ID: 933477129
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 23
Water Found Depth UOM: ft

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 2018

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jan 31, 2019

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*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 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: 1999-Jan 31, 2019

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Mar 2019

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-Mar 2019

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Apr 30, 2019

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Oct 2018

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-Apr 30, 2019

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-Apr 30, 2019

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-Apr 30, 2019

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-Apr 30, 2019

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of TSSA Expired Facilities: Provincial EXP

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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: Jun 2000-May 2019

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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-Mar 31, 2019

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2019

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, 2017

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the 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 31, 2018

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2019

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-May 2018

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-Apr 30, 2019

Canadian Pulp and Paper: Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2019

TSSA Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Apr 30, 2019

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2019

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jan 31, 2019

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-Feb 2019

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Aug 2018

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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: Oct 2011-Apr 30, 2019

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: Feb 28, 2019

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
Environmental Regulatory Correspondence

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

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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 26, 2017

Luke Lopers
GHD
179 Colonnade Drive, Suite 400
Ottawa, ON K2E 7J4

Dear Luke Lopers:

RE: ***Freedom of Information and Protection of Privacy Act*** **Request**
Our File # A-2017-02582, Your Reference 11140461-E1

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 8466 Jeanne d'Arc Blvd, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement 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.**

To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form-credit-card-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

When remitting payment please quote our file number or attach a copy of this letter.

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 Michael Kolaric at 416-327-3036.

Yours truly,

FOR.

Janet Dadufalza
FOI Manager

Zoe Jeaurond

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Friday, June 14, 2019 1:44 PM
To: Zoe Jeaurond
Subject: Re: Environmental Assessment - TSSA Records Search Request (No Record)

CompleteRepository: 11197156
Description: Brigil, Jeanne D'Arc Blvd, Ottawa
JobNo: 11197156
OperatingCentre: 6625
RepoEmail: 11197156@ghd.com
RepoType: Project

Hello,

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 complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to 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.

Thank you and have a great day,

Roxana

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Zoe.Jeaurond@ghd.com <Zoe.Jeaurond@ghd.com>
Sent: June 14, 2019 8:44 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Environmental Assessment - TSSA Records Search Request

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the **City of Ottawa (formerly Gloucester)**, ON:

- 8426, 8466, 8468 Jeanne d'Arc Boulevard
- 3545 St. Joseph Boulevard

· 10, 60, 121 Prestige Circle

Thank you for your time,

Zoé Jeaurond
Environmental Assistant

GHD
T: 613 288 1708 | M: 613 292 2650 | E: zoe.jeaurond@ghd.com
179 Colonnade Road South Suite 400 Ottawa ON K2E 7J4 Canada | www.ghd.com

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

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

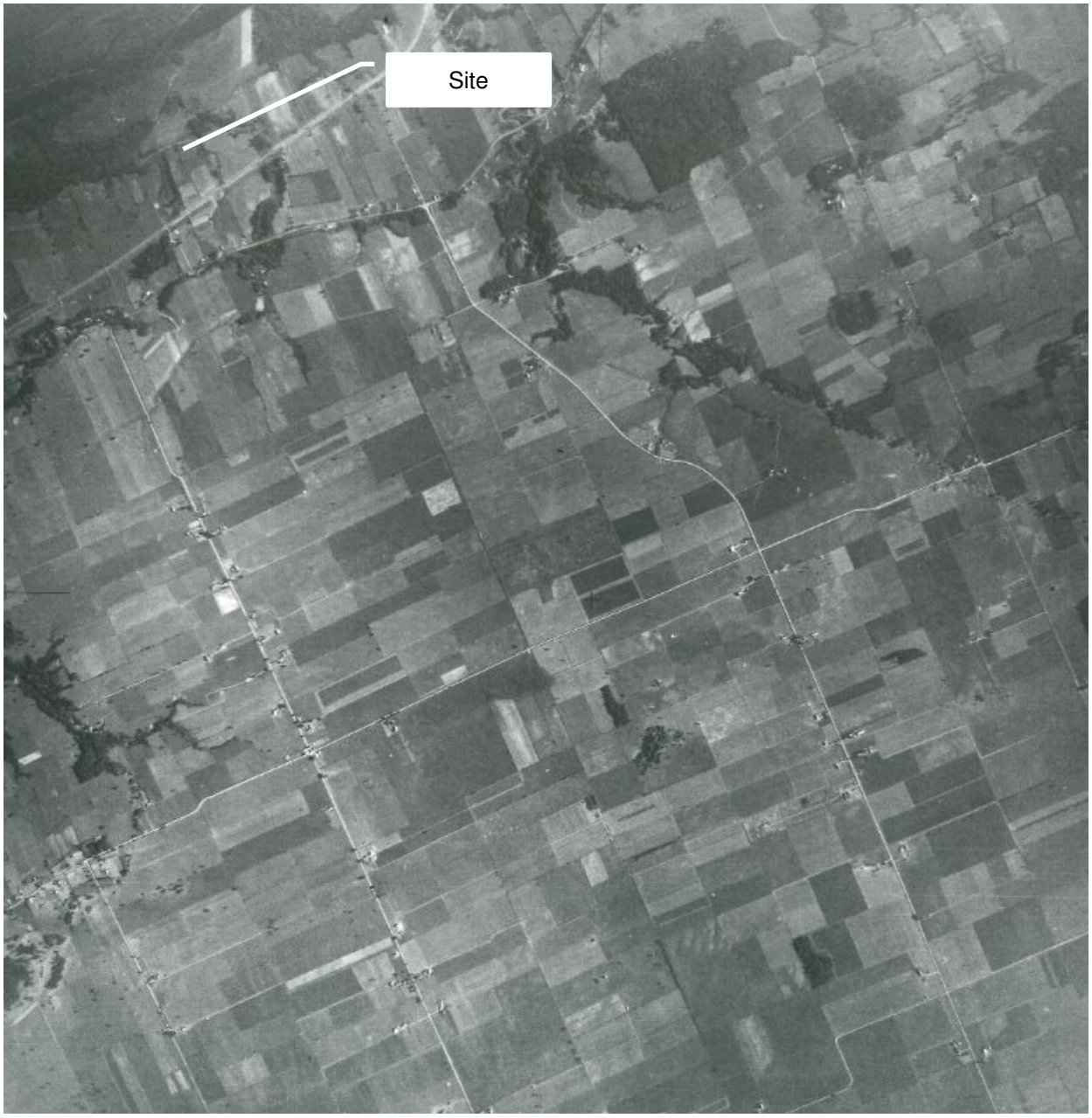
_____
This e-mail has been scanned for viruses

Appendix E
Aerial Photographs

Year 1926

Aerial Photographs

Year 1945



Year 1955

Aerial Photographs

Year 1965

Aerial Photographs

Year 1976

Aerial Photographs

Year 1991

Aerial Photographs

Year 1999

Aerial Photographs

Year 2014

Aerial Photographs

Appendix F
Site Photographs

Photo 1 – View of the site trailers, C cans and gravel pad; view is facing northeast.

Photo 2 – View of two stockpiled fill materials (topsoil and sand); view is facing east.

Site Photographs

Photo 3 – View of Bell access hatch on southwest portion of Site; view is facing south.

Photo 4 - View of asphalt shingle debris on northeast portion of Property.

Photo 5 – View of ponding surface water area on Site; view is facing northeast.

Photo 6 – View of generator in northwest corner of Property; view is facing southeast.

Photo 7 - View of miscellaneous debris on east side of the Site; view is facing north.

Photo 8 – View of two discarded roof supply fans on east side of Property; view is facing southeast.

Photo 9 – View of two plastic tanks on east side of Property; view is facing east.

Photo 10 – View of southeast portion of the Property; view is facing southeast.

about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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