



# **Phase One Environmental Site Assessment Undeveloped Property**

8466 Jeanne D'Arc Boulevard  
Ottawa, Ontario

3223701 Canada Inc.



# **1. Executive Summary**

GHD (Consultant) was retained by 3223701 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. 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.

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 3223701 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 property is located at Civic No. 8466 Jeanne d'Arc Boulevard in Ottawa, Ontario and is approximately 2 hectares in area. 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 Block 2, Plan 4M1425, except Parts 1 – 18 on 4R27825; Part of Lot 33, Concession 1, Township of Cumberland, now in City of Ottawa. 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 3223701 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 April 4, 2017 (Ref: 11103730Rivard-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.

This Phase One ESA included the following components:

- Historical records 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 and east by undeveloped land, to the south by Highway 174 followed by commercial self-storage units and a residential development and to the west by a residential development. The historical records 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 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 B; the Site is depicted as Part of Block 2 on Registered Plan 4M-1425 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 Block 2, Plan 4M-12425, except Parts 1 – 18 on 4R-27825; Township of Cumberland, now in 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.

**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	Authur 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.

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. and then transferred to the current owner, 3223701 Canada Inc. in March of 2010. 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.

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 Ecolog Environmental ERIS search. The Site is not listed in the NPRI for any of the recorded years (1993-2014). No properties within 250 m of the Site are listed in the NPRI. A copy of the Ecolog 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 is 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 Ecolog Environmental ERIS search attached as Appendix C.

### ***Environmental Approvals, Certificates and Instruments***

A request was submitted to the Ministry of Environment and Climate Change (MOECC) 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 MOECC response dated April 26, 2017 to the inquiries indicated that no records were located responsive to the request. The MOECC FOI search was confirmed by the results of the



subcontracted Ecolog Environmental ERIS search. A copy of the MOECC 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 forty-one (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 address 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 forty-four (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 request was submitted to the Ministry of Environment and Climate Change (MOECC) under the Freedom of Information and Protection of Privacy Act relating to the Site. 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 MOECC response dated April 26, 2017 to the inquiries, indicated that no records were located responsive to the request.

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

- 1145 Falconcrest Court, located approximately 190 m west 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 'spill'.



### ***Waste Management Records - Ontario Regulation 347 Waste Receivers and Generators***

A request was submitted to the Ministry of Environment and Climate Change (MOECC) under the Freedom of Information and Protection of Privacy Act relating to the Site. 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 MOECC response dated April 26, 2017 to the inquiries indicated that no records were located responsive to the request.

The subcontracted Ecolog Environmental 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 a waste generator of oil skimmings' and sledges 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 request was submitted to the Ministry of Environment and Climate Change (MOECC) under the Freedom of Information and Protection of Privacy Act relating to the Site. The requested information included environmental reports submitted to the MOE. The MOECC 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 April 20, 2017, indicating that there were no records in their database indicating underground storage tanks are at the Site or immediately adjacent properties. A copy of the TSSA response is included in Appendix D. The subcontracted Ecolog ERIS search confirmed the findings of the TSSA response.

### ***MOECC Notices, Instruments and Records of Site Condition***

The Ministry of the Environment and Climate Change (MOECC) 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 (MNR) Geographical Information System (GIS) mapping software was consulted by GHD to investigate areas of natural significance in the Phase One Study Area. No areas of natural significance were identified at the Site. 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 320 m east of the Site. The Ottawa River is located approximately 500 m north of the Site; however, due to recent precipitation and snow melt and flooding of the nearby wetlands to the north, the shore of the Ottawa River was observed approximately 50 m north of the Site at the time of the Site visit.

#### ***MOECC Waste Disposal Site Inventory, June 1991:***

The *MOECC 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 MOECC 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 MOECC 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 was 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 one hundred seventy seven (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). A response to the HLUI inquiries was received from the City of Ottawa on April 8, 2015. 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 indicated 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 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. A copy of the HLUI response from the City of Ottawa is contained in Appendix D.

### 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 2011 at the National Air Photograph Library located in Ottawa, Ontario or were reviewed in the 2011 Paterson Phase I ESA. 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.
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.





**Table 4.2 Aerial Photographs**

Year	Site	Neighbouring Properties
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 north and 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 Ontario Ministry of Natural Resources and Forestry, and is provided in Figure 1. The mapping shows the Site to be situated in primarily residential setting. The mapping shows the topography in the Phase One Study Area sloping down to 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, respectively. Taylors Creek was identified approximately 320 m east of the Site. The Ottawa River is located approximately 500 m north of the Site; however, due to recent precipitation and snow melt and flooding of the nearby wetlands to the north, the shore of the Ottawa River was observed approximately 50 m north of the Site at the time of the Site visit. 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 Ecolog Environmental 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 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 properties to the east. A pile of fill material was observed at the Site; however it was suspected that the fill pile was stripped topsoil which was piled at the Site during development of the adjacent properties by the Client. The presence of imported fill material is not suspected on 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 320 m east of the Site. The Ottawa River is located approximately 500 m north of the Site; however, due to recent precipitation and snow melt and flooding of the nearby wetlands to the north, the shore of the Ottawa River was observed approximately 50 m north of the Site at the time of the Site visit. 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 MOECC Well Records Database which reported that there was one water supply well on-Site. Properties in the Phase One Study Area also have records of potable water wells. The details of the MOECC water well records for the Site are described in the following table.

**Table 4.3 Well Record Summary**

MOECC Well Tag #	Coordinates UTM	Orientation with respect to Site	Distance from Site (m)	Date Installed	Water Use	Depth to Water Table (m)
1513181	18T 4612200m E 5034260m N	West	100 m	August 1964	Domestic	5.2
1513168	18T 461520m E 5034260m N	Southeast	120 m	September 1957	Domestic	4.6
A079353	Not Specified	West	190 m	November 1980	Domestic	7.6

Three domestic water wells were reported in the Phase One Study area; which were installed between 1957 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 3223701 Canada Inc., the current Property owner) was interviewed at the time of this assessment. At the time of the interview, members of 3223701 Canada Inc. have been familiar with the Phase One Property since 2004 as they are also of the holdings company 3475140 Canada Inc. 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.

No 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 of the property on May 16, 2017 between 9:30 a.m. and 11:30 a.m. The Site visit was conducted by Mr. Luke Lopers, who has ten years experience of conducting Phase One ESA inspections.

Weather conditions were sunny with an approximate temperature of 24°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 and unoccupied at the time of Site visit. The overall topography of the Site was sloped downward to the east, towards the adjacent creek. The Site was overgrown with grass and shrub vegetation. 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. Photographs 1 through 6 depict the Site and neighbouring properties.

### **6.2 Specific Observations at Phase One Property**

#### **6.2.1 On-Site Structures and Improvements**

##### ***Above Ground Structures***

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



### ***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.

- 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.
- Concrete pad mounted transformers were observed to the west 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 overgrown vegetation and mature trees at the time of the Site visit.

#### *Railway Lines*

There are no railway lines on the subject Site. There are no active or historic railway lines within 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. A pile of fill material was observed at the Site; however it was suspected that the fill pile was stripped topsoil which was piled at the Site during development of the adjacent properties by the Client. The presence of imported fill material is not suspected on the Site.

#### *Potentially Contaminating Activities*

Potentially Contaminating Activities (PCAs) are listed in Ontario Regulation 153/04 Schedule D Table 2. There were no PCAs observed at the Site at the time of the Site visit.



### *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 potentially contaminating activities (PCAs) that may result in areas of potential environmental concern (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 is 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 which was below the level of the Ottawa River.
- East | Creek followed by a residential townhouse and condominium development along Parkrose Private.
- South | Highway 174 followed by residential properties at Civic No. 3535 St. Joseph Boulevard and a commercial property (Self-storage facility) at Civic No. 3545 St. Joseph Boulevard.
- West | Creek, followed by a residential townhouse and condominium development 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. (Agricultural or Other Use)	1926 to 1976 Aerial Photographs shows Site is undeveloped and/or used for agricultural purposes. Ownership registered to individuals. (Aerial Photographs, Title Search)
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	Authur Brisebois		
1963 to 1977	Joseph Pierre Renaud		
1977 to 1987	Roger Sequin	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)
1987 to 2004	Marlin Developments Inc.		
2004 to 2010	3475140 Canada Inc.		
March 11, 2010	3223701 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 of 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) and is approximately 2 hectares in area. 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 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, respectively. Taylors Creek was identified approximately 320 m east of the Site. The Ottawa River is located approximately 500 m north of the Site; however, due to recent precipitation and snow melt and flooding of the nearby wetlands to the north, the shore of the Ottawa River was observed approximately 50 m north of the Site at the time of the Site visit.

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 (m BG) and a water table, if present to be near 1.5 to 2.7 m BGS.

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.

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 and 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 previously filed RSCs.

## **9. References**

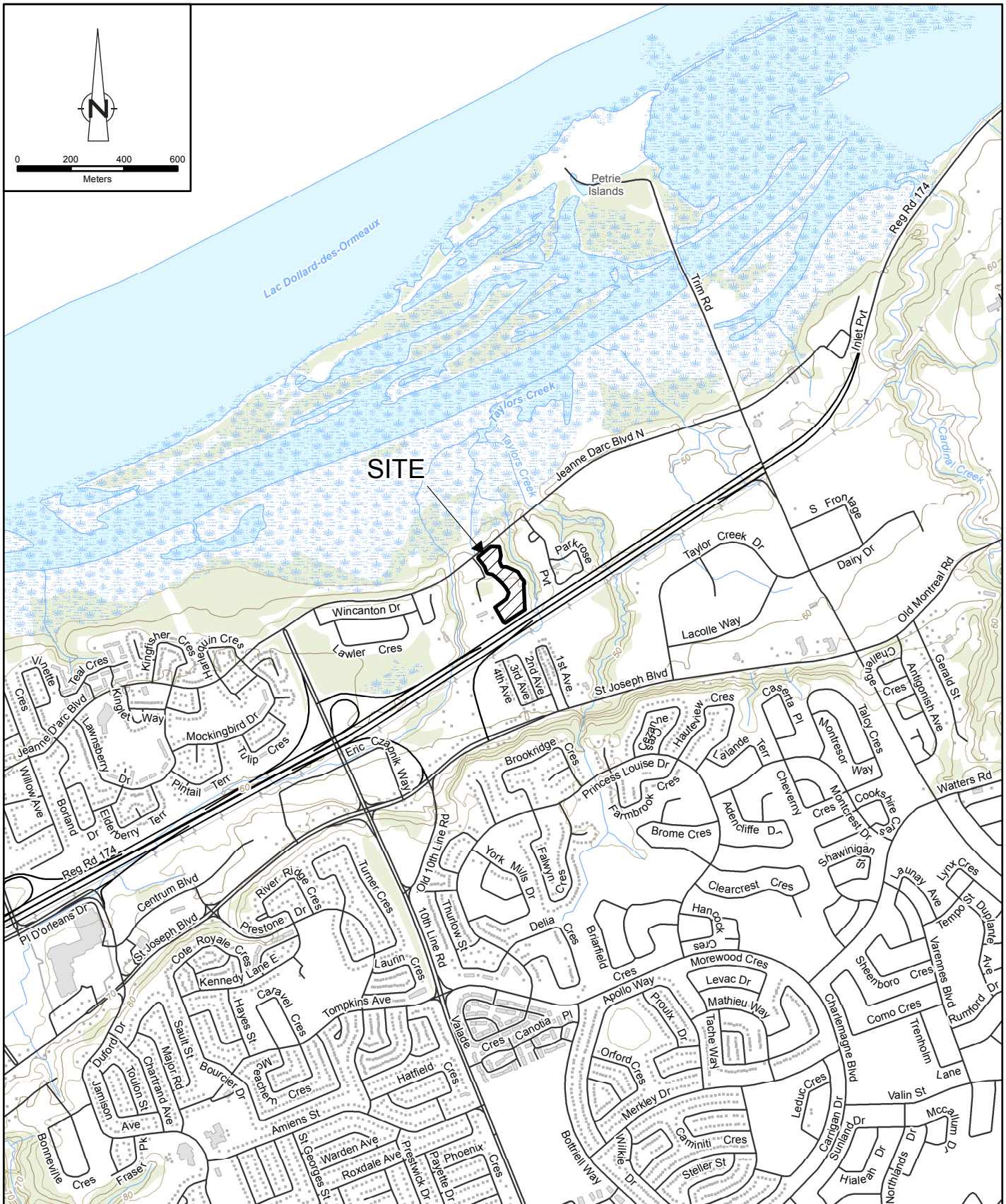
- Canadian Standards Authority. Z768-01 (R2006) - Phase I Environmental Site Assessment. 2006.
- Ministry of Environment. Environmental Protection Act, Ontario Regulation 153/04, Records of Site Condition, Part XV.I of the Act.
- Ministry of Environment and Energy. Ontario Inventory of PCB Storage Sites, 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

Luke Lopers, P. Eng., Q.P.<sup>ESA</sup>

Joseph B. Bennett, P. Eng.



Source: MNR/NRVIS, 2014. Produced by GHD under licence from Ontario Ministry of Natural Resources and Forestry, © Queen's Printer 2017  
 Coordinate System: NAD 1983 UTM Zone 18N



3223701 CANADA INC.  
 8466 JEANNE D'ARC BOULEVARD, OTTAWA, ONTARIO  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

11140461-E1  
 May 17, 2017

SITE LOCATION MAP

FIGURE 1





Source: Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation, July 2016  
 Coordinate System: NAD 1983 UTM Zone 18N



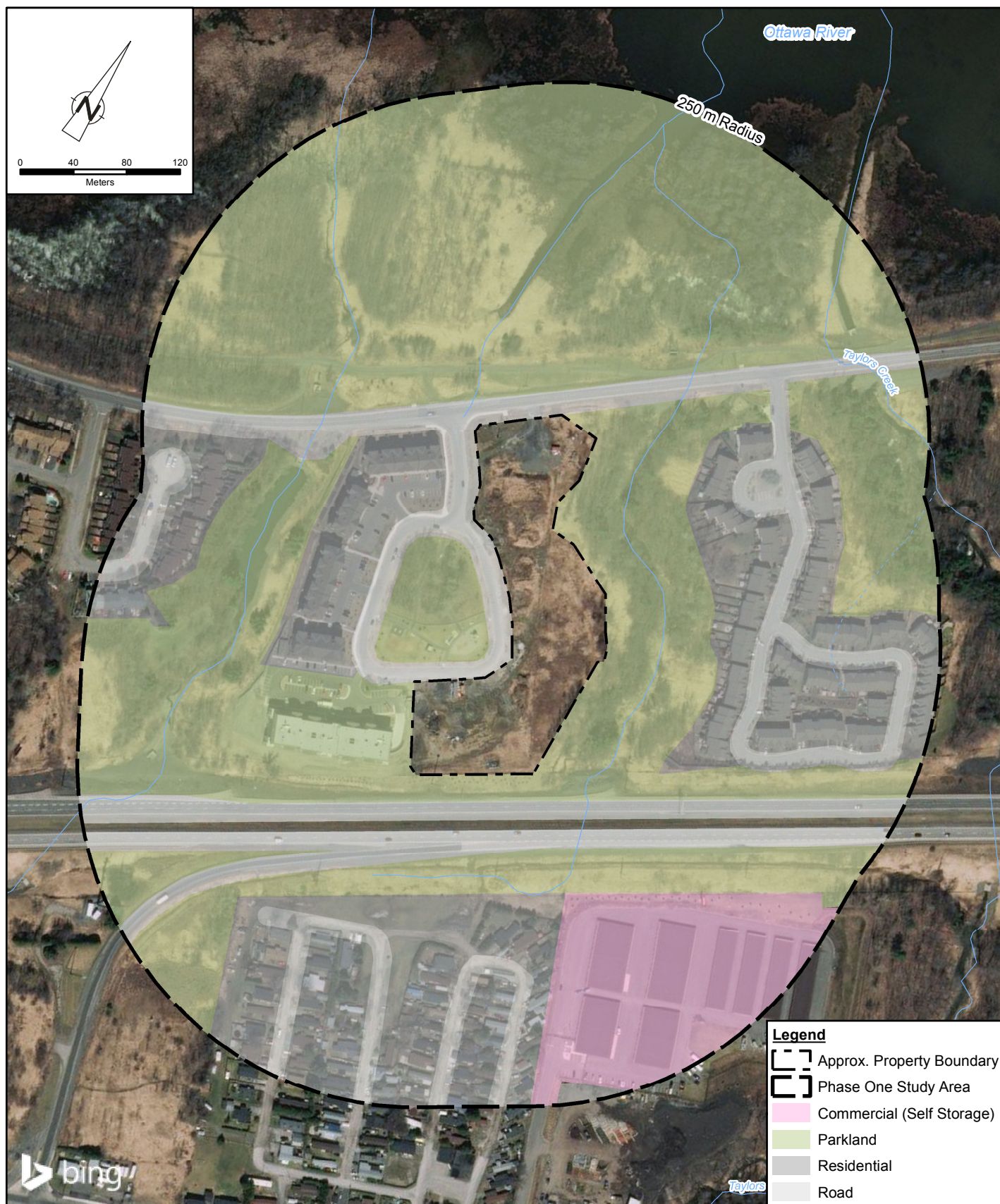
3223701 CANADA INC.  
 8466 JEANNE D'ARC BOULEVARD, OTTAWA, ONTARIO  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

11140461-E1  
 May 18, 2017

SITE PLAN

FIGURE 2





Source: Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation, July 2016  
 Coordinate System: NAD 1983 UTM Zone 18N



3223701 CANADA INC.  
 8466 JEANNE D'ARC BOULEVARD, OTTAWA, ONTARIO  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

11140461-E1  
 May 17, 2017

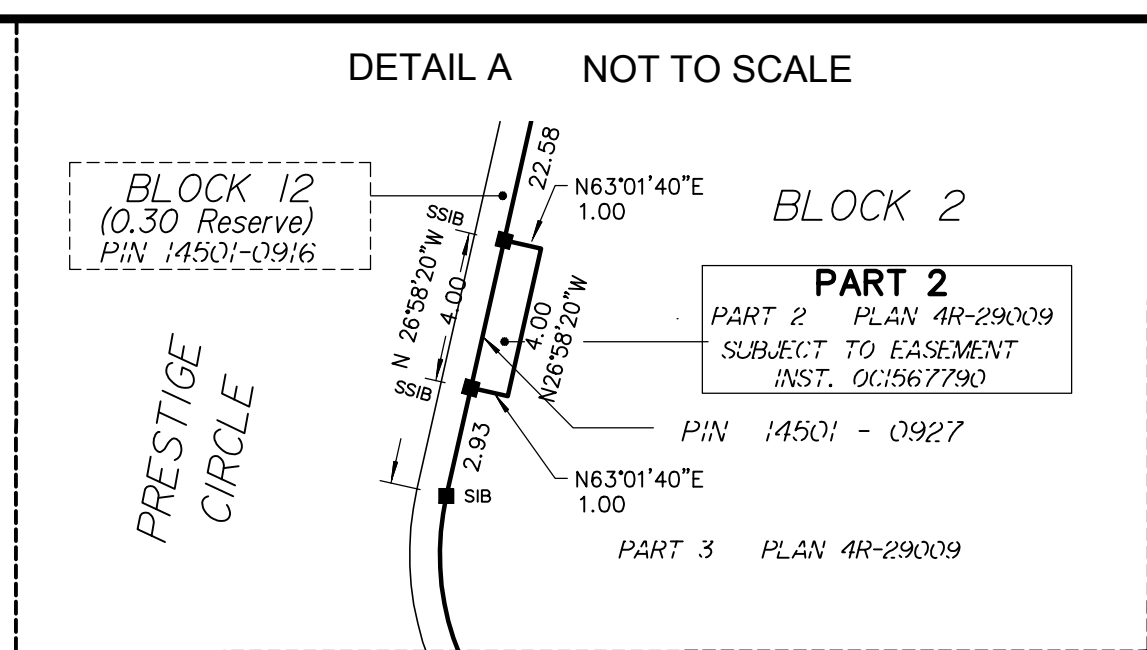
## SURROUNDING LAND USE PLAN

FIGURE 3

# Appendices

# Appendix A Plan of Survey






<div>I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.  DATE:-----   ----- RICHARD R. GAUTHIER ONTARIO LAND SURVEYOR</div>		<div>PLAN 4R- RECEIVED AND DEPOSITED DATE: -----   ----- REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF OTTAWA-CARLETON NO. 4.</div>		
		SCHEDULE		
AREA (Sq.m.)	PART	BLOCK	PLAN	PIN
7733	1	PART OF 2	4M-1425	ALL OF 14501-0927
	2			
8076	3			
5809	4			
	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



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 herein, 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.

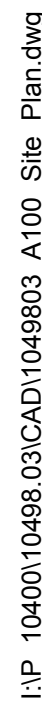






SCALE: 1:5000

2  
A100



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4. Les dimensions sur ces documents sont des mesures lues et non mesurées. / The dimensions on these documents must be read and not measured.

ARCHITECTURE DE PAYSAGE Landscape architect

CIVIL CIVIL

ARCHITECTES Architect

**NEUF architect(e)s**  
630, boul. René-Lévesque O. 32e étage, Montréal QC H3B 1S8  
T 514 847 1117 NEUFarchitectes.com

SCEAU Seal

**DCYSA devient / becomes**

**NEUF**  
ARCHITECT(E)S



OUVRAGE Project

**PETRIES LANDING  
BLOCK 6 & 7**

EMPLACEMENT Location  
ORLEANS, ON

NO PROJET No.  
10498.03

NO	RÉVISION	DATE (aa.mm.jj)
A	CITY VALIDATION	2016-12-15
B	Site plan revision	2017-03-27

**Preliminary  
NEPA STUDY FOR  
CONSTRUCTION**

DESSINÉ PAR Drawn by  
O.C.

VÉRIFIÉ PAR Checked by  
ANT. C.  
ÉCHELLE Scale  
INDIQUÉE

TITRE DU DESSIN Drawing Title

## Site Plan

REVISION Revisor

NO. DESSIN Dwg Number

**E**

## A100



## Appendix B

# Environmental Search - Chain of Title



## READ Abstracts Limited

---

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: [search@readsearch.com](mailto: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 Brisebois

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

## Ecolog ERIS Database Summary



# DATABASE REPORT

**Project Property:** *Phase One ESA  
8466 Jeanne D'arc Blvd N  
Ottawa ON K4A0N8  
11140461-E1*

**Project No:** *11140461-E1*

**Report Type:** *Standard Report*

**Order No:** *20170412123*

**Requested by:** *GHD Ltd.*

**Date Completed:** *April 19, 2017*

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)

**[www.erisinfo.com](http://www.erisinfo.com)**

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# Executive Summary

## Property Information:

**Project Property:** *Phase One ESA  
8466 Jeanne D'arc Blvd N Ottawa ON K4A0N8*

**Project No:** *11140461-E1*

## **Coordinates:**

**Latitude:** *45.490779*  
**Longitude:** *-75.494523*  
**UTM Northing:** *5,037,590.96*  
**UTM Easting:** *461,358.22*  
**UTM Zone:** *UTM Zone 18T*

**Elevation:** *181 FT  
55.31 M*

## Order Information:

**Order No:** *20170412123*  
**Date Requested:** *April 12, 2017*  
**Requested by:** *GHD Ltd.*  
**Report Type:** *Standard Report*

## Historical/Products:

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
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
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	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	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
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	1	1
PIPELINE INCIDENTS PRT	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	4	4
<b>Total:</b>			0	12	12

## Executive Summary: Site Report Summary - Project Property

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

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

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	WWIS		Orleans ON	SW/126.8	0.40	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	PINC		30 Prestige Circle, Ottawa ON	WNW/127.9	-1.90	<a href="#"><u>14</u></a>
<a href="#"><u>3</u></a>	BORE		ON	SW/152.6	0.37	<a href="#"><u>15</u></a>
<a href="#"><u>3</u></a>	WWIS		lot 33 con 1 ON	SW/152.6	0.35	<a href="#"><u>15</u></a>
<a href="#"><u>4</u></a>	BORE		ON	E/189.9	0.95	<a href="#"><u>17</u></a>
<a href="#"><u>5</u></a>	BORE		ON	E/204.3	1.62	<a href="#"><u>18</u></a>
<a href="#"><u>6</u></a>	GEN	colautti construction	8465 north service road orleans ON K1C 1T1	N/205.7	-4.87	<a href="#"><u>18</u></a>
<a href="#"><u>6</u></a>	GEN	colautti construction	8465 north service road orleans ON K1C 1T1	N/205.7	-4.87	<a href="#"><u>18</u></a>
<a href="#"><u>7</u></a>	BORE		ON	ESE/220.9	0.92	<a href="#"><u>19</u></a>
<a href="#"><u>7</u></a>	WWIS		lot 32 con 1 ON	ESE/220.9	0.94	<a href="#"><u>19</u></a>
<a href="#"><u>8</u></a>	WWIS		lot 33 con 1 ON	WSW/238.6	-0.78	<a href="#"><u>21</u></a>
<a href="#"><u>9</u></a>	SPL	City of Ottawa	1145 Falcon Cres Crt, Orleans Ottawa ON	WSW/240.5	-0.42	<a href="#"><u>24</u></a>

# 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.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SW	152.58	<a href="#"><u>3</u></a>
	ON	E	189.89	<a href="#"><u>4</u></a>
	ON	E	204.29	<a href="#"><u>5</u></a>
	ON	ESE	220.94	<a href="#"><u>7</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Sep 2016 has found that there are 2 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
colautti construction	8465 north service road orleans ON K1C 1T1	N	205.67	<a href="#"><u>6</u></a>
colautti construction	8465 north service road orleans ON K1C 1T1	N	205.67	<a href="#"><u>6</u></a>

## **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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	30 Prestige Circle, Ottawa ON	WNW	127.86	<a href="#"><u>2</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Dec 2016 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

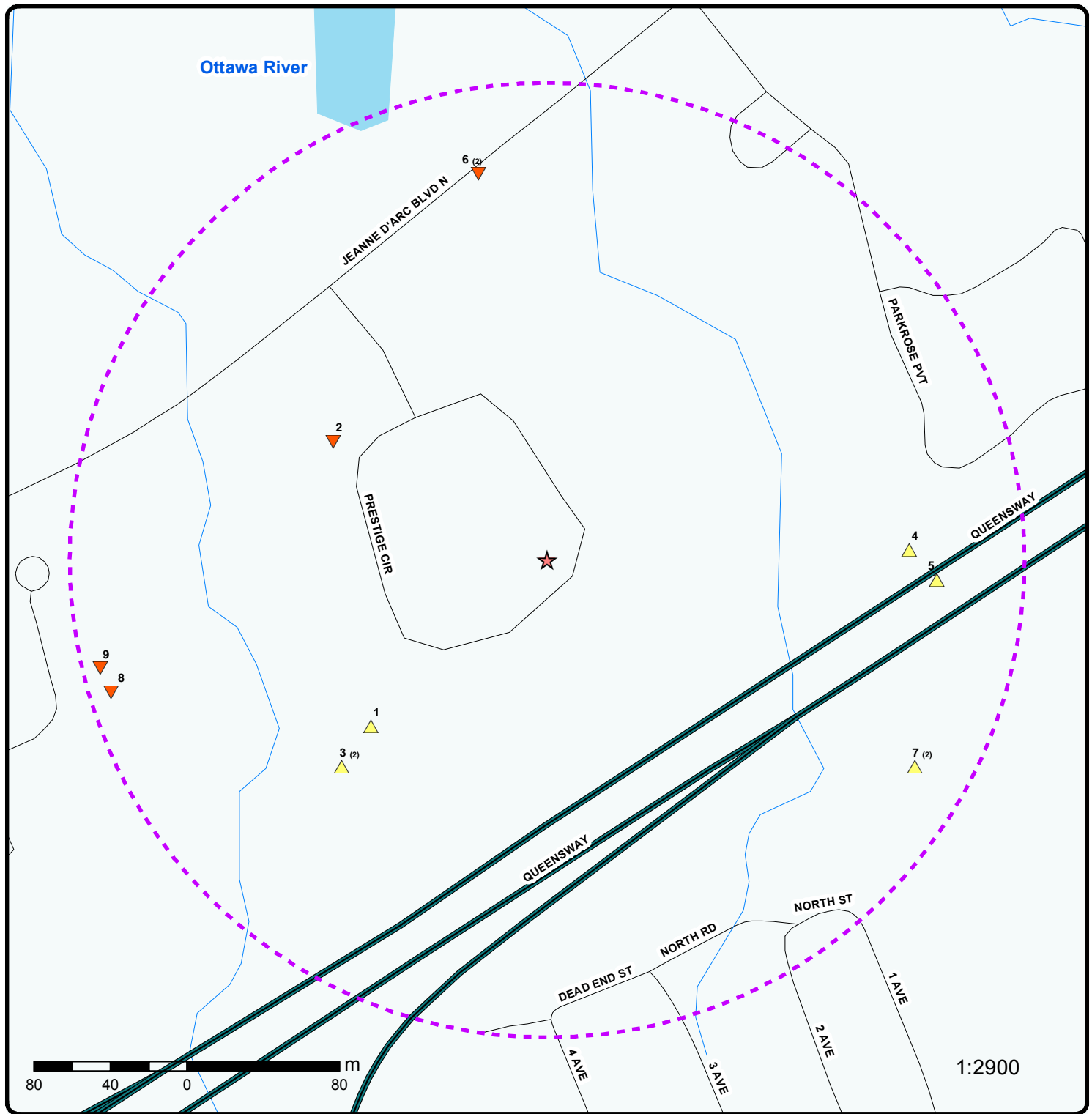
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	1145 Falcon Cres Crt, Orleans Ottawa ON	WSW	240.54	<a href="#"><u>9</u></a>

## **WWIS - Water Well Information System**

A search of the WWIS database, dated Jun 30, 2016 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Orleans ON	SW	126.76	<a href="#"><u>1</u></a>
	lot 33 con 1 ON	SW	152.58	<a href="#"><u>3</u></a>
	lot 32 con 1 ON	ESE	220.94	<a href="#"><u>7</u></a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 33 con 1 ON	WSW	238.61	<a href="#"><u>8</u></a>



## Map : 0.25 Kilometer Radius

Order No: 20170412123

Address: 8466 Jeanne D'arc Blvd N, Ottawa, ON, K4A0N8



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



75°30'W

45°30'N

45°30'N



## Aerial

**Address:** 8466 Jeanne D'arc Blvd N, Ottawa, ON, K4A0N8

**Source:** ESRI World Imagery

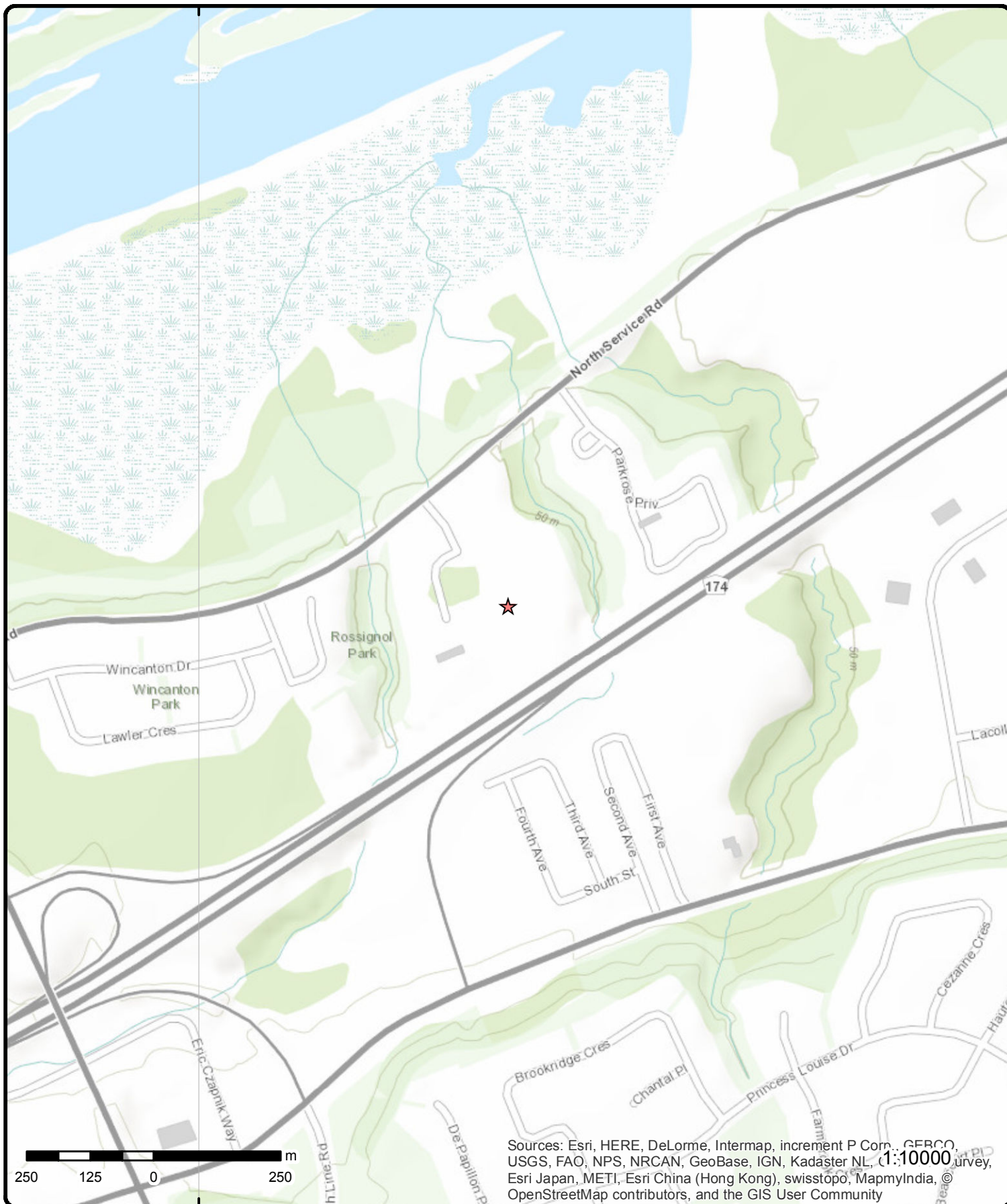
Order No: 20170412123

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



© ERIS Information Limited Partnership





# Topographic Map

**Address: 8466 Jeanne D'arc Blvd N, Ottawa, ON, K4A0N8**

Source: ESRI World Topographic Map

Order No: 20170412123



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">1</a>	1 of 1	SW/126.8	55.7	Orleans ON	WWIS
<div> <div> <b>Well ID:</b> 7154978  <b>Construction Date::</b>  <b>Primary Water Use::</b> Not Used  <b>Sec. Water Use::</b>  <b>Final Well Status::</b> Abandoned-Other  <b>Specific Capacity::</b>  <b>Municipality:</b> CUMBERLAND TOWNSHIP  <b>County:</b> OTTAWA-CARLETON </div> <div> <b>Lot:</b>  <b>Concession:</b>  <b>Concession Name:</b>  <b>Easting NAD83::</b>  <b>Northing NAD83::</b>  <b>Zone::</b>  <b>UTM Reliability::</b> </div> </div>					
<b>Bore Hole Information</b> -- <b>Bore Hole ID:</b> 1003413289 <b>DP2BR:</b> <b>Code OB:</b> <b>Code OB Description:</b> <b>Open Hole:</b> <b>Date Completed:</b> 12-AUG-10 <b>Remarks:</b> <b>Zone:</b> 18 <b>East 83:</b> 461266 <b>North 83:</b> 5037504 <b>UTMRC:</b> 3 <b>UTMRC Description:</b> margin of error : 10 - 30 m <b>Location Method:</b> wwr <b>Org CS:</b> UTM83 <b>Elevation:</b> <b>Elevrc:</b> <b>Elevrc Description:</b> <b>Location Source Date:</b> <b>Source Revision Comment:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Supplier Comment:</b> <b>Spatial Status:</b> -- <b>Overburden and Bedrock Materials Interval</b> -- <b>Formation ID:</b> 1003556017 <b>Layer:</b> <b>General Color:</b> <b>Most Common Material:</b> <b>Other Materials:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> <b>Formation End Depth:</b> <b>Formation End Depth UOM:</b> ft -- <b>Annular Space/Abandonment Sealing Record</b> -- <b>Plug ID:</b> 1003556019 <b>Layer:</b> 1					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Plug From:</b>		5			
<b>Plug To:</b>		27			
<b>Plug Depth UOM:</b>		ft			
--		--			
<b>Plug ID:</b>		1003556020			
<b>Layer:</b>		2			
<b>Plug From:</b>		27			
<b>Plug To:</b>		64			
<b>Plug Depth UOM:</b>		ft			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		1003556025			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		1003556016			
<b>Casing Number:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		1003556022			
<b>Layer:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
--		--			
--		--			
<b>Construction Record - Screen</b>					
--		--			
<b>Screen ID:</b>		1003556023			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
--		--			
<b>Hole Diameter</b>					
--		--			
<b>Hole ID:</b>		1003556018			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
--		--			
--		--			
<b>2</b>	1 of 1	WNW/127.9	53.4	30 Prestige Circle, Ottawa ON	PINC
<b>Incident ID:</b>				<b>Health Impact:</b>	
<b>Incident No:</b>	949216			<b>Environment Impact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Type:</b> <b>Status Code:</b> <b>Fuel Occurrence Tp:</b> <b>Fuel Type:</b> <b>Tank Status:</b> <b>Task No:</b> <b>Spills Action Centre:</b> <b>Method Details:</b> <b>Fuel Category:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Date:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>	FS-Pipeline Incident Pipeline Damage Reason Est  RC Established 4185518 E-mail Natural Gas 2012/11/25     30 Prestige Circle, Ottawa - 1" Pipeline Hit ryan.noble@enbridge.com  Excavation practices not sufficient	<b>Property Damage:</b> <b>Service Interrupt:</b> <b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b>	Yes  Yes    FS-Perform P-line Inc Invest		

<a href="#">3</a>	1 of 2	SW/152.6	55.7	ON	BORE
<b>Borehole ID:</b> <b>Use:</b> <b>Drill Method::</b> <b>Easting::</b> <b>Location Accuracy::</b> <b>Elev. Reliability Note::</b> <b>Total Depth m::</b> <b>Township::</b> <b>Lot::</b> <b>Completion Date::</b> <b>Primary Water Use::</b>	616388   461251   18.3   AUG-1964	<b>Type:</b> <b>Status::</b> <b>UTM Zone::</b> <b>Northing::</b> <b>Orig. Ground Elev m::</b> <b>DEM Ground Elev m::</b> <b>Primary Name::</b> <b>Concession::</b> <b>Municipality:</b> <b>Static Water Level::</b> <b>Sec. Water Use::</b>	Borehole  18 5037482 56.4 56.8   -999.9		
<b>--Details--</b> <b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218403810 15.5	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	0.0 CLAY.		
<b>Stratum ID:</b> <b>Bottom Depth(m):</b>	218403811 18.3	<b>Top Depth(m):</b> <b>Stratum Desc:</b>	15.5 LIMESTONE. 00055STONE. GREY. 00120 SEISMIC VELOCITY = 5100. BEDROCK. SEISMIC VELOCITY =		

<a href="#">3</a>	2 of 2	SW/152.6	55.7	lot 33 con 1 ON	WWIS
<b>Well ID:</b> <b>Construction Date::</b> <b>Primary Water Use::</b> <b>Sec. Water Use::</b> <b>Final Well Status::</b> <b>Specific Capacity::</b> <b>Municipality:</b> <b>County:</b>	1513181  Domestic Water Supply CUMBERLAND TOWNSHIP OTTAWA-CARLETON	<b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83::</b> <b>Northing NAD83::</b> <b>Zone::</b> <b>UTM Reliability::</b>	033 01 OF     		
<b>Bore Hole Information</b> <b>--</b> <b>Bore Hole ID:</b>	  10035169				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elevation (m)</b>	<b>Site</b>	<b>DB</b>
<b>DP2BR:</b>		51			
<b>Code OB:</b>		r			
<b>Code OB Description:</b>		Bedrock			
<b>Open Hole:</b>					
<b>Date Completed:</b>		18-AUG-64			
<b>Remarks:</b>					
<b>Zone:</b>		18			
<b>East 83:</b>		461250.8			
<b>North 83:</b>		5037483			
<b>UTMRC:</b>		5			
<b>UTMRC Description:</b>		margin of error : 100 m - 300 m			
<b>Location Method:</b>		p5			
<b>Org CS:</b>					
<b>Elevation:</b>		56.72			
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
<b>Formation ID:</b>		931022622			
<b>Layer:</b>		1			
<b>General Color:</b>					
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		51			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Formation ID:</b>		931022623			
<b>Layer:</b>		2			
<b>General Color:</b>					
<b>Most Common Material:</b>		LIMESTONE			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		51			
<b>Formation End Depth:</b>		60			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Method of Construction &amp; Well Use</b>					
--		--			
<b>Method Construction ID:</b>		961513181			
<b>Method Construction Code:</b>		7			
<b>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>					
--		--			
<b>Pipe Information</b>					
--		--			
<b>Pipe ID:</b>		10583739			
<b>Casing Number:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
--		--			
<b>Construction Record - Casing</b>					
--		--			
<b>Casing ID:</b>		930062315			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth From:					
Depth To:		54			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Casing ID:		930062316			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		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			
--		--			
--		--			

<u>4</u>	1 of 1	E/189.9	56.3	ON	BORE
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<b>Borehole ID:</b>	848180	<b>Type:</b>	Borehole
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Status::</b>	Decommissioned
<b>Drill Method::</b>	Hollow stem auger	<b>UTM Zone::</b>	18
<b>Easting::</b>	461548	<b>Northing::</b>	5037596
<b>Location Accuracy::</b>		<b>Orig. Ground Elev m::</b>	50.5
<b>Elev. Reliability Note::</b>		<b>DEM Ground Elev m::</b>	56
<b>Total Depth m::</b>	6.7	<b>Primary Name::</b>	
<b>Township::</b>	CUMBERLAND	<b>Concession::</b>	CON 1 FROM THE OTTAWA
<b>Lot::</b>	LOT 32	<b>Municipality:</b>	
<b>Completion Date::</b>	29-JUN-1988	<b>Static Water Level::</b>	-999.9
<b>Primary Water Use::</b>		<b>Sec. Water Use::</b>	
<b>--Details--</b>			
<b>Stratum ID:</b>	6560181	<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	6.7	<b>Stratum Desc:</b>	CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<a href="#">5</a>	1 of 1	E/204.3	56.9	ON	BORE
<div> <div> <b>Borehole ID:</b> 848179  <b>Use:</b> Geotechnical/Geological Investigation  <b>Drill Method::</b> Hollow stem auger  <b>Easting::</b> 461562  <b>Location Accuracy::</b>  <b>Elev. Reliability Note::</b>  <b>Total Depth m::</b> 12.6  <b>Township::</b> CUMBERLAND  <b>Lot::</b> LOT 32  <b>Completion Date::</b> 04-JUL-1988  <b>Primary Water Use::</b> </div> <div> <b>Type:</b> Borehole  <b>Status::</b> Decommissioned  <b>UTM Zone::</b> 18  <b>Northing::</b> 5037581  <b>Orig. Ground Elev m::</b> 57.7  <b>DEM Ground Elev m::</b> 57.3  <b>Primary Name::</b>  <b>Concession::</b> CON 1 FROM THE OTTAWA  <b>Municipality:</b>  <b>Static Water Level::</b> -999.9  <b>Sec. Water Use::</b> </div> </div>					
<div> <div> <b>--Details--</b>  <b>Stratum ID:</b> 6560179  <b>Bottom Depth(m):</b> 7.6 </div> <div> <b>Top Depth(m):</b> 0.0  <b>Stratum Desc:</b> PROBABLY SAND, PROBABLE CLAY (FILL) </div> </div>					
<div> <div> <b>Stratum ID:</b> 6560180  <b>Bottom Depth(m):</b> 12.6 </div> <div> <b>Top Depth(m):</b> 7.6  <b>Stratum Desc:</b> CLAY (CH) WITH SILT, TRACE SAND, VERY SOFT TO STIFF (MARINE) </div> </div>					
<a href="#">6</a>	1 of 2	N/205.7	50.4	colautti construction 8465 north service road orleans ON K1C 1T1	GEN
<div> <b>PO Box Num:</b>  <b>Status:</b>  <b>Country:</b>  <b>Generator #:</b> ON7988243  <b>Approval Yrs::</b> 2010  <b>SIC Code:</b> 237990  <b>SIC Description:</b> Other Heavy and Civil Engineering Construction </div>					
<div> <div> <b>--Details--</b>  <b>Waste Code:</b> 251  <b>Waste Description:</b> OIL SKIMMINGS &amp; SLUDGES </div> <div> <b>Waste Code:</b> 221  <b>Waste Description:</b> LIGHT FUELS </div> </div>					
<a href="#">6</a>	2 of 2	N/205.7	50.4	colautti construction 8465 north service road orleans ON K1C 1T1	GEN
<div> <b>PO Box Num:</b>  <b>Status:</b>  <b>Country:</b>  <b>Generator #:</b> ON7988243  <b>Approval Yrs::</b> 2011  <b>SIC Code:</b> 237990  <b>SIC Description:</b> Other Heavy and Civil Engineering Construction </div>					
<div> <div> <b>--Details--</b>  <b>Waste Code:</b> 251  <b>Waste Description:</b> OIL SKIMMINGS &amp; SLUDGES </div> </div>					



Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code: Waste Description:		221 LIGHT FUELS			
<a href="#">7</a>	1 of 2	ESE/220.9	56.2	ON	BORE
Borehole ID: 616387				Type: Borehole	
Use:				Status::	
Drill Method::				UTM Zone:: 18	
Easting:: 461551				Northing:: 5037482	
Location Accuracy::				Orig. Ground Elev m:: 58.5	
Elev. Reliability Note::				DEM Ground Elev m:: 55.3	
Total Depth m:: 36.6				Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date:: SEP-1957				Static Water Level:: -999.9	
Primary Water Use::				Sec. Water Use::	
<b>--Details--</b>					
Stratum ID: 218403807				Top Depth(m): 0.0	
Bottom Depth(m): 22.9				Stratum Desc: CLAY. BLUE.	
Stratum ID: 218403808				Top Depth(m): 22.9	
Bottom Depth(m): 24.4				Stratum Desc: GRAVEL.	
Stratum ID: 218403809				Top Depth(m): 24.4	
Bottom Depth(m): 36.6				Stratum Desc: LIMESTONE. GREY. 00120 SEISMIC VELOCITY = 5100. BEDROCK. SEISMIC VELOCITY = 13500. K.	
<a href="#">7</a>	2 of 2	ESE/220.9	56.2	lot 32 con 1 ON	WWIS
Well ID: 1513168				Lot: 032	
Construction Date::				Concession: 01	
Primary Water Use:: Domestic				Concession Name: OF	
Sec. Water Use::				Easting NAD83::	
Final Well Status:: Water Supply				Northing NAD83::	
Specific Capacity::				Zone::	
Municipality: CUMBERLAND TOWNSHIP				UTM Reliability::	
County: OTTAWA-CARLETON					
<b>Bore Hole Information</b>					
--					
Bore Hole ID: 10035156					
DP2BR: 80					
Code OB: r					
Code OB Description: Bedrock					
Open Hole:					
Date Completed: 26-SEP-57					
Remarks:					
Zone: 18					
East 83: 461550.8					
North 83: 5037483					
UTMRC: 5					
UTMRC Description: margin of error : 100 m - 300 m					
Location Method: p5					
Org CS:					
Elevation: 55.28					
Elevrc:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--	--	--	--	--	--
<b>Overburden and Bedrock Materials Interval</b>					
--	--	--	--	--	--
<b>Formation ID:</b>		931022585			
<b>Layer:</b>		1			
<b>General Color:</b>		BLUE			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
--	--	--	--	--	--
<b>Formation ID:</b>		931022586			
<b>Layer:</b>		2			
<b>General Color:</b>					
<b>Most Common Material:</b>		GRAVEL			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		75			
<b>Formation End Depth:</b>		80			
<b>Formation End Depth UOM:</b>		ft			
--	--	--	--	--	--
<b>Formation ID:</b>		931022587			
<b>Layer:</b>		3			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		LIMESTONE			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		80			
<b>Formation End Depth:</b>		120			
<b>Formation End Depth UOM:</b>		ft			
--	--	--	--	--	--
<b>Method of Construction &amp; Well Use</b>					
--	--	--	--	--	--
<b>Method Construction ID:</b>		961513168			
<b>Method Construction Code:</b>		7			
<b>Method Construction:</b>		Diamond			
<b>Other Method Construction:</b>					
--	--	--	--	--	--
<b>Pipe Information</b>					
--	--	--	--	--	--
<b>Pipe ID:</b>		10583726			
<b>Casing Number:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
--	--	--	--	--	--
<b>Construction Record - Casing</b>					
--	--	--	--	--	--
<b>Casing ID:</b>		930062292			
<b>Layer:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		80			
<b>Casing Diameter:</b>		2			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--		--			
Casing ID:		930062293			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		991513168			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		30			
Recommended Pump Depth:					
Pumping Rate:		7			
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:		4			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933468670			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120			
Water Found Depth UOM:		ft			
--		--			
--		--			

<u>8</u>	1 of 1	WSW/238.6	54.5	lot 33 con 1 ON	WWIS
Well ID:	1519635			Lot:	033
Construction Date::				Concession:	01
Primary Water Use::	Domestic			Concession Name:	OF
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Water Supply			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	CUMBERLAND TOWNSHIP			UTM Reliability::	
County:	OTTAWA-CARLETON				
Bore Hole Information					
--	--				
Bore Hole ID:	10041504				
DP2BR:	162				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	12-NOV-80				
Remarks:					
Zone:	18				
East 83:	461129.8				
North 83:	5037522				
UTMRC:	4				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>UTMRC Description:</b>		margin of error : 30 m - 100 m			
<b>Location Method:</b>		p4			
<b>Org CS:</b>					
<b>Elevation:</b>		54.87			
<b>Elevrc:</b>					
<b>Elevrc Description:</b>					
<b>Location Source Date:</b>					
<b>Source Revision Comment:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Supplier Comment:</b>					
<b>Spatial Status:</b>					
--		--			
<b>Overburden and Bedrock Materials Interval</b>					
--		--			
<b>Formation ID:</b>		931042273			
<b>Layer:</b>		1			
<b>General Color:</b>		YELLOW			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		12			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Formation ID:</b>		931042274			
<b>Layer:</b>		2			
<b>General Color:</b>		BLUE			
<b>Most Common Material:</b>		CLAY			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		12			
<b>Formation End Depth:</b>		145			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Formation ID:</b>		931042275			
<b>Layer:</b>		3			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		COARSE GRAVEL			
<b>Other Materials:</b>		FINE GRAVEL			
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		145			
<b>Formation End Depth:</b>		160			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Formation ID:</b>		931042276			
<b>Layer:</b>		4			
<b>General Color:</b>		GREY			
<b>Most Common Material:</b>		COARSE GRAVEL			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		160			
<b>Formation End Depth:</b>		162			
<b>Formation End Depth UOM:</b>		ft			
--		--			
<b>Formation ID:</b>		931042277			
<b>Layer:</b>		5			
<b>General Color:</b>		BLUE			
<b>Most Common Material:</b>		SLATE			
<b>Other Materials:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		162			
<b>Formation End Depth:</b>		169			
<b>Formation End Depth UOM:</b>		ft			
--		--			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Method of Construction &amp; Well Use</b>					
--	--				
Method Construction ID:		961519635			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
--	--				
<b>Pipe Information</b>					
--	--				
Pipe ID:		10590074			
Casing Number:		1			
Comment:					
Alt Name:					
--	--				
<b>Construction Record - Casing</b>					
--	--				
Casing ID:		930072473			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		164			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--	--				
<b>Well Yield Testing</b>					
--	--				
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			
--	--				
<b>Draw Down &amp; Recovery</b>					
--	--				
Pump Test Detail ID:		934108564			
Pump Test ID:		991519635			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
--	--				
Pump Test Detail ID:		934383855			
Pump Test ID:		991519635			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		25			
Test Level UOM:		ft			
--	--				
Pump Test Detail ID:		934653835			
Pump Test ID:		991519635			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<b>Test Level UOM:</b>		ft			
--		--			
<b>Pump Test Detail ID:</b>		934894595			
<b>Pump Test ID:</b>		991519635			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		25			
<b>Test Level UOM:</b>		ft			
--		--			
--		--			
<b>Water Details</b>					
--		--			
<b>Water ID:</b>		933476681			
<b>Layer:</b>		1			
<b>Kind Code:</b>		2			
<b>Kind:</b>		SALTY			
<b>Water Found Depth:</b>		169			
<b>Water Found Depth UOM:</b>		ft			
--		--			
--		--			

9

1 of 1

WSW/240.5

54.9

City of Ottawa  
1145 Falcon Cres Crt, Orleans  
Ottawa ON

SPL

**Ref No:** 2111-8YRTP9  
**Contaminant Code:** 41  
**Contaminant Name:** PAINT AND PIGMENT WASTES  
**Contaminant Quantity:** 0 other - see incident description  
**Incident Cause:** Operator/Human error  
**Incident Dt:** 04-OCT-12  
**Incident Reason:** Operator/Human Error  
**Incident Summary:** Ottawa: Paint to CB, unknown  
**MOE Reported Dt:** 04-OCT-12  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Other  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa



# Unplottable Summary

Total: **19** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Facility	Ottawa ON	
CA	Regional Municipality of Ottawa-Carleton	JEANNE D'ARC BLVD.	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	THIRD AVE./FOURTH AVE.	OTTAWA CITY ON	
CA	Enviro-Grind Ltd. operating as Colautti Construction Ltd.	Mobile Jaw Crusher	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.		Ottawa ON	K1T 3V7
ECA	City of Ottawa	First Avenue	City of Ottawa ON	
GEN	City of Ottawa	Montreal Road from Hwy 174 to Ogilvie (including R	Ottawa ON	
GEN	Habitat for Humanity National Capital Region	Jeanne d'Arc Blvd North	ottawa ON	K1C 2R4
PTTW	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1	OTTAWA ON	
SPL	City of Ottawa	Jeanne D'arc Blvd, westbound on-ramp	Ottawa ON	
SPL	City of Ottawa	JEAN D'ARC RD., NORTH OF HWY 174<UNOFFICIAL>	Ottawa ON	
SPL	City of Ottawa	Jeanne D'Arc westbound On-ramp to Hwy 174	Ottawa ON	
SPL	Dan Wright Equipment Rentals Ltd.	Montreal Road (East of Hwy 174)	Ottawa ON	
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	



# Unplottable Report

---

**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:** *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:** *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:** *R.M. OF OTTAWA-CARLETON*  
*THIRD AVE./FOURTH AVE. OTTAWA CITY ON*

**Database:**  
*CA*

**Certificate #:** 7-0844-95-  
**Application Year:** 95

**Issue Date:** 8/22/1995  
**Approval Type:** Municipal water  
**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:** **Colautti Construction Ltd**  
**Ottawa ON**

**Database:**  
**CONV**

**File No.:** 108583  
**Publication Title:**  
**Publication City:**  
**Url:**  
**Crown Brief No.:**  
**Ministry District:**  
**Region:**  
**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.

**--Details--**

**Publication Date:**  
**Count:**  
**Act:**  
**Act/Regulation/Section:**  
**Date Charged:** May 31, 2013  
**Charge Disposition:** fine, victim fine surcharge  
**Fine:** \$120,000

**Publication Date:**  
**Count:**  
**Act:** Pesticides Act  
**Act/Regulation/Section:** Pesticides Act

**Date Charged:** March 10, 2014  
**Charge Disposition:** fine, victim fine surcharge  
**Fine:** \$5,000

---

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

**Database:**  
[EBR](#)

**Company Name:**  
**Year:** 2013  
**Notice Type:** Instrument Proposal  
**EBR Registry No.:** 012-0496  
**Instrument Type:** (OWRA s. 34) - Permit to take water  
**Proposal Date:** November 22, 2013  
**Ministry Ref. No.:** 2600-9DMNQJ  
**Location:** Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA  
**Proponent Address:** 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7  
**Notice Date:**

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

**Database:**  
[EBR](#)

**Company Name:**  
**Year:** 2015  
**Notice Type:** Instrument Proposal  
**EBR Registry No.:** 012-5817  
**Instrument Type:** (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)  
**Proposal Date:** November 20, 2015  
**Ministry Ref. No.:** 7932-A22HN3  
**Location:** Mobile Jaw Crusher Ottawa K1T 3V7 CITY OF OTTAWA  
**Proponent Address:** 2562 Delzotto avenue, Ottawa Ontario, Canada K1T 3V7  
**Notice Date:**

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**Site:** City of Ottawa  
First Avenue City of Ottawa ON

**Database:**  
[ECA](#)

**Approval No:** 3115-9LPLFE  
**Project Type:** Municipal and Private Sewage  
**Date:** 7/8/14  
**Status:** Approved  
**Longitude:**  
**Latitude:**  
**Record Type:**  
**PDF URL:**  
**Full Address:** First Avenue Integrated Road antilities Reconstruction City of Ottawa

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**Site:** City of Ottawa  
Montreal Road from Hwy 174 to Ogilvie (including R Ottawa ON

**Database:**  
[GEN](#)

**PO Box Num:**  
**Status:**  
**Country:**  
**Generator #:** ON7209780  
**Approval Yrs.:** 2013  
**SIC Code:** 237110  
**SIC Description:** WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

**--Details--**  
**Waste Code:** 221  
**Waste Description:** LIGHT FUELS

---

**Site:** Habitat for Humanity National Capital Region

**Database:**  
[GEN](#)

**PO Box Num:**  
**Status:** Registered  
**Country:** Canada  
**Generator #:** ON6838717  
**Approval Yrs.:** As of Sep 2016  
**SIC Code:**  
**SIC Description:**

**--Details--**

**Waste Code:** 221 L  
**Waste Description:** Light fuels

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

**Database:**  
[PTTW](#)

**Year:** 2013  
**EBR Registry No.:** 012-0496  
**Ministry Reference Number:** 2600-9DMNQJ  
**Notice Type:** Instrument Proposal  
**Instrument Type:** (OWRA s. 34) - Permit to take water  
**Proposal Date:** November 22, 2013  
**Location:** Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA  
**Proponent Address:** 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7  
**Notice Date:**

---

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

**Database:**  
[SPL](#)

**Ref No:** 7273-7DQGC7  
**Contaminant Code:** 24  
**Contaminant Name:** ETHYLENE GLYCOL (ANTIFREEZE)  
**Contaminant Quantity:** 10 L  
**Incident Cause:** Discharge Or Bypass To A Watercourse  
**Incident Dt:**  
**Incident Reason:** Equipment Failure  
**Incident Summary:** OC-Transpo -10L glycol to road/sewer  
**MOE Reported Dt:** 4/15/2008  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

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

**Database:**  
[SPL](#)

**Ref No:** 0881-6VWMXM  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT (N.O.S.)  
**Contaminant Quantity:** 40 L  
**Incident Cause:** Other Discharges  
**Incident Dt:** 11/26/2006  
**Incident Reason:**  
**Incident Summary:** OC Transpo, 40 L coolant to rd,clnd up by City  
**MOE Reported Dt:** 11/26/2006  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:**

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

---

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

**Database:**  
**SPL**

**Ref No:** 6805-A82M9Z  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT N.O.S.  
**Contaminant Quantity:** 60 L  
**Incident Cause:**  
**Incident Dt:** 2016/03/14  
**Incident Reason:** Equipment Failure  
**Incident Summary:** OC Transpo: 60 L engine coolant to cb  
**MOE Reported Dt:** 2016/03/14  
**Environmental Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**SAC Action Class:** Land Spills  
**Sector Source Type:** Miscellaneous Communal  
**Receiving Environment:** Land  
**Incident Event:** Leak/Break  
**Site Municipality:** Ottawa

---

**Site:** *Dan Wright Equipment Rentals Ltd.*  
*Montreal Road (East of Hwy 174) Ottawa ON*

**Database:**  
**SPL**

**Ref No:** 2712-7X7NMY  
**Contaminant Code:** 44  
**Contaminant Name:** SEWAGE,RAW UNCHLORINATED  
**Contaminant Quantity:** 3800 L  
**Incident Cause:** Other Discharges  
**Incident Dt:**  
**Incident Reason:**  
**Incident Summary:** Manotick Pumping: 1000 gallons Raw Sewage to Ditch, cln  
**MOE Reported Dt:** 10/26/2009  
**Environmental Impact:** Confirmed  
**Nature of Impact:** Other Impact(s); Surface Water Pollution  
**Receiving Medium:**  
**SAC Action Class:** Watercourse Spills  
**Sector Source Type:** Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:**

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

**Database:**  
**SPL**

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



Incident Event:  
Site Municipality: 20107

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

**Database:**  
**SPL**

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

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

**Database:**  
**SPL**

**Ref No:** 1861-72DJ2M  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT (N.O.S.)  
**Contaminant Quantity:** 20 L  
**Incident Cause:** Other Discharges  
**Incident Dt:**  
**Incident Reason:** Spill  
**Incident Summary:** OC Transpo: 15-20 L antifreeze to roadway  
**MOE Reported Dt:** 4/18/2007  
**Environmental Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**SAC Action Class:**  
**Sector Source Type:** Other Motor Vehicle  
**Receiving Environment:**  
**Incident Event:**  
**Site Municipality:** Ottawa

## 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

**AGR**

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial

**AGR**

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2016**

### **Abandoned Mine Information System:**

Provincial

**AMIS**

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

**Government Publication Date: 1800-Nov 2016**

### **Anderson's Waste Disposal Sites:**

Private

**ANDR**

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

**Government Publication Date: 1860s-Present**

### **Automobile Wrecking & Supplies:**

Private

**AUWR**

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

**Government Publication Date: Oct 31, 2016**

### **Borehole:**

Provincial

**BORE**

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2014**

### **Certificates of Approval:**

Provincial

**CA**

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Commercial Fuel Oil Tanks:**

Provincial

CFOT

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

**Government Publication Date:** Feb 28, 2017

**Chemical Register:**

Private

CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date:** Oct 31, 2016

**Compressed Natural Gas Stations:**

Private

CNG

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

**Government Publication Date:** Dec 31, 2012

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial

COAL

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

**Government Publication Date:** Apr 1987 and Nov 1988\*

**Compliance and Convictions:**

Provincial

CONV

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

**Government Publication Date:** 1989-Jan 2017

**Certificates of Property Use:**

Provincial

CPU

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

**Government Publication Date:** 1994-Mar 2017

**Drill Hole Database:**

Provincial

DRL

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

**Government Publication Date:** 1886-Aug 2015

**Environmental Activity and Sector Registry:**

Provincial

EASR

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

**Government Publication Date:** Oct 2011-Mar 2017

**Environmental Registry:**

Provincial

EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date:** 1994-Mar 2017

**Environmental Compliance Approval:**

Provincial

ECA

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

**Government Publication Date: Oct 2011-Mar 2017**

**Environmental Effects Monitoring:**

Federal

EEM

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

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private

EHS

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

**Government Publication Date: 1999-Aug 2016**

**Environmental Issues Inventory System:**

Federal

EIIS

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

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial

EMHE

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

**Government Publication Date: May 31, 2014**

**List of TSSA Expired Facilities:**

Provincial

EXP

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

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal

FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: June 2000-Aug 2016**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

**Government Publication Date: 1964-Sept 2003**

**Fuel Storage Tank:**

Provincial

FST

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

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Sep 2016**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013 - Dec 2014**

**TSSA Historic Incidents:**

Provincial

HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

**Government Publication Date: 1950-Aug 2003\***

**TSSA Incidents:**

Provincial

INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Dec 31, 2013**

**Canadian Mine Locations:**

Private

MINE

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

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Feb 2016**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2014**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

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

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

**Government Publication Date: Mar 1999-Aug 2010**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

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

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Wells:**

Federal

NEBW

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

**Government Publication Date: 1920-Feb 2003\***



**National Environmental Emergencies System (NEES):**

Federal

NEES

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

**Government Publication Date: 1974-2003\*****National PCB Inventory:**

Federal

NPCB

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

**Government Publication Date: 1988-2008\*****National Pollutant Release Inventory:**

Federal

NPRI

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

**Government Publication Date: 1993-2014****Oil and Gas Wells:**

Private

OGW

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

**Government Publication Date: 1988-Jan 2017****Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Oct 2016****Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

**Government Publication Date: 1994-Mar 2017****Canadian Pulp and Paper:**

Private

PAP

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

**Government Publication Date: 1999, 2002, 2004, 2005, 2009****Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

**Government Publication Date: 1920-Jan 2005\***



**Pesticide Register:**

Provincial PES

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

**Government Publication Date: 1988-Oct 2016**

**TSSA Pipeline Incidents:**

Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

**Government Publication Date: Feb 28, 2017**

**National Energy Board Pipeline Incidents:**

Federal PIPELINE INCIDENTS

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008 - Dec 2016**

**Private and Retail Fuel Storage Tanks:**

Provincial PRT

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

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial PTTW

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

**Government Publication Date: 1994-Mar 2017**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

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

**Government Publication Date: 1986-2013**

**Record of Site Condition:**

Provincial RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Dec 2016**

**Retail Fuel Storage Tanks:**

Private RST

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

**Government Publication Date: Oct 31, 2016**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial

SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Dec 2016**

**Wastewater Discharger Registration Database:**

Provincial

SRDS

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

**Government Publication Date: 1990-2014**

**Anderson's Storage Tanks:**

Private

TANK

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

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

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

**Government Publication Date: 1970-Jan 2015**

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

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

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: 1970-Mar 2017**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

WDSH

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

WWIS

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

**Government Publication Date: Jun 30, 2016**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

# Appendix D

## Environmental Regulatory Correspondence

**From:** [Ruchi Chohan](#) on behalf of [Public Information Services](#)  
**To:** [Lopers, Luke](#)  
**Subject:** RE: Environmental Assessment - TSSA Records Search Request ~COR-11140461-E1~  
**Date:** Thursday, April 20, 2017 9:50:32 AM  
**Attachments:** [image001.jpg](#)

---

Hello Luke,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses). For a further search in our archives please submit your request in writing to Public Information Services via e-mail ([publicinformationsservices@tssa.org](mailto:publicinformationsservices@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 good day!

Ruchi

---

**From:** Lopers, Luke [mailto:[Luke.Lopers@ghd.com](mailto:Luke.Lopers@ghd.com)]  
**Sent:** Wednesday, April 12, 2017 2:43 PM  
**To:** Public Information Services <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>  
**Cc:** Project Email Filing <[Filing-NA@ghd.com](mailto:Filing-NA@ghd.com)>  
**Subject:** Environmental Assessment - TSSA Records Search Request ~COR-11140461-E1~

Good Afternoon,

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,

**Luke Lopers, P.Eng.**  
**Project Manager**

#### **GHD**

Direct Line: +1 613 288 1723 | Ottawa Office: +1 613 727 0510 | Email: [Luke.Lopers@ghd.com](mailto:Luke.Lopers@ghd.com)  
179 Colonnade Road South Suite 400 Ottawa Ontario K2E 7J4 Canada | [www.ghd.com](http://www.ghd.com)  
[WATER](#) | [ENERGY & RESOURCES](#) | [ENVIRONMENT](#) | [PROPERTY & BUILDINGS](#) | [TRANSPORTATION](#)



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This e-mail has been scanned for viruses



11 May 2017

Luke Lopers  
GHD Limited  
179 Colonnade Road, Suite 400  
Ottawa, Ontario  
K2E 7J4

*Sent via email [luke.lopers@ghd.com]*

Dear Mr. Lopers,

**Re: Information Request  
8466 Jeanne D'Arc Boulevard, Ottawa, Ontario ("Subject Property")**

**Internal Department Circulation**

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

- The Disposals and Environmental Remediation Unit notes that the Subject Property is within 500 M of former landfill Cu-22 – St. Joseph Blvd. that was jointly owned by the City of Ottawa and others. A data gap analysis was conducted on the City-owned portion of this former landfill to identify any potential human health risks associated with the site's current land use, however none were identified.

**Search of Historical Land Use Inventory**

**This acknowledges receipt of the signed Disclaimer regarding your request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the Subject Property.**

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are no activities associated with the properties located within 50m of the Subject Property.

Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

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

### **The Ontario Land Registry Office**

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

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

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

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

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

If you have any further questions or comments, please contact Ellen Potts at 613-580-2424 ext. 21690 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in cursive script that reads "Ellen Potts".

Per:

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

MB/EP

cc: File no. D06-03-17-0058

Ministry of the Environment  
and Climate Change

Freedom of Information and  
Protection of Privacy Office

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

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

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

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



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.**

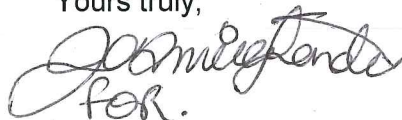
To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by 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,

A handwritten signature in cursive script, appearing to read "Janet Dadufalza", written over the word "for.".

for.  
Janet Dadufalza  
FOI Manager

# Appendix E

## Aerial Photographs





Year 1926



## Aerial Photographs



**Year 1945**



## **Aerial Photographs**



**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 north portion of the Site facing south.



Photo 2 - View of the south portion of the Site facing east; view depicts landscaped areas on the south portion of Site.



Photo 3 - View of the fill pile and silt fence on the central portion of the Site; view is facing north.



Photo 4 - View of the east portion of the Site facing north.



## Site Photographs





Photo 5 - View of the Parkland (partially flooded) and Ottawa River to the north of Jeanne D'Arc Boulevard, further north of the Site; view is facing north.



Photo 6 - View of the west portion of the Site. View depicts the Site trailer and also shows the neighbouring properties to the west (residential condos) and parkland to the north; view is facing northwest.

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