



## **Phase I Environmental Site Assessment**

355 Franktown Road  
Carleton Place, Ontario

**Type of Document:**  
Final

**Client:**  
GNCR Developments Incorporated  
521 Kilspindie Ridge  
Ottawa, Ontario  
K2J 5M8

**Project Number:**  
OTT-00252133-A0

**Prepared By:**  
EXP Services Inc.  
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Ottawa, ON K2B 8H6  
Canada

**Date Submitted:**  
March 29, 2019

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**Date Submitted:**

March 29, 2019

## Executive Summary

EXP Services Inc. (EXP) was retained by the GNCR Developments Incorporated to complete a Phase I Environmental Site Assessment (ESA) of the residential property located at 355 Franktown Road in Carleton Place, Ontario, referred to as the 'Site'.

The purpose of this Phase I ESA was to determine if past or present site activities have resulted in actual or potential contamination at the Site. EXP understands that this report is being conducted for due diligence purposes in support of a real estate transaction. It will not be used to submit a Record of Site Condition due to a change in land use.

The work was completed in accordance with the general requirements of CSA Standard Z768-01, November 2001 (as amended), which outlines the protocol for Phase I Environmental Site Assessments. As per Z768-01, the scope of work included a review of historical land use and occupancy records, a visual reconnaissance of the Site and surrounding properties; and interviews with person(s) having knowledge of past and present site activities.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase I ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

A written response from some of the regulatory agencies typically requires several months to receive. If upon receipt of the response from the regulatory agencies, significant environmental issues are identified, EXP will forward their response to the client as an addendum to this report.

The property is located on the east side of Franktown Road, between the intersections with Findlay Avenue and Alexander Street. At the time of the investigation the Site was improved with a single storey-storey, multi-tenant commercial building with associated parking lot on the western half and was undeveloped treed land on the eastern half. The subject site is found in an urban residential neighbourhood serviced by the municipal water or sanitary systems but uses a domestic water well and septic system.

Topographically, the Site is relatively flat. The surrounding area has a downwards slope towards the south and east. The closest body of water is the Mississippi River located 1.6 km to the northwest. The regional groundwater flow direction cannot be determined at this time.

Based on the results of the Phase I ESA completed at 355 Franktown Road in Carleton Place, Ontario, EXP has identified the following area of potential environmental concern.

**Table EX-1: Areas of Potential Environmental Concern**

Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Contaminants of Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
359 Franktown Road	Adjacent to the south / 20 m from the domestic supply well	Potential contamination from an active used auto sales yard, where maintenance and auto-wrecking are occurring	Petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs)	Soil and groundwater

Based on the findings of the Phase I ESA, a Phase II ESA is recommended to determine if the neighbouring site to the south has impacted the soil and groundwater on the south part of the site.

*This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.*

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# 1. Introduction

EXP Services Inc. (EXP) was retained by the GNCR Developments Incorporated to complete a Phase I Environmental Site Assessment (ESA) of the residential property located at 355 Franktown Road in Carleton Place, Ontario, referred to as the 'Site'.

## 1.1 Objective

The purpose of this Phase I ESA was to determine if past or present site activities have resulted in actual or potential contamination at the Site. EXP understands this report will be used for due diligence purposes in support of financing. It will not be used to submit a Record of Site Condition due to a change in land use.

A Phase I ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. The Phase I ESA was completed in general accordance to CSA Standard Z768-01, November 2001 (as amended). Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 8 of this report.

## 1.2 Site Description

The subject Site is located 355 Franktown Road in Carleton Place, Ontario.

The property is located on the east side of Franktown Road, between the intersections with Findlay Avenue and Alexander Street. At the time of the investigation the Site was improved with a single-storey, multi-tenant commercial building with associated parking lot on the western half and was undeveloped treed land on the eastern half. The subject site is found in an urban residential neighbourhood serviced by the municipal water or sanitary systems but uses a domestic water well and septic system.

Topographically, the Site is relatively flat. The surrounding area has a downwards slope towards the south and west. The closest body of water is the Mississippi River bog located 1.6 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction.

The approximate coordinates for the Site are 45.1306° N by 76.1292° W (UTM 18 T 411203E, 4998088N). The coordinates were based on an estimate derived using Google Earth™ with an accuracy of +/- 100 m.



## 2. Scope of Investigation

The scope of work the Phase I ESA consisted of the following activities:

- Reviewing the historical occupancy of the Site through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties within a 250 metre radius of the Site;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
- Conducting a site reconnaissance of the Site and building facilities to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated site representative(s) as a resource for current and historical site information, as well as to provide EXP staff with unrestricted access to all areas of the Site and Site buildings;
- Reviewing the current use of the Site and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Site; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses or monitoring of materials. In addition, general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation.

EXP personnel who conducted assessment work for this project included, Carl Hentschel P.Eng., PMP, and Mark McCalla, B.Sc., P. Geo. An outline of their qualifications is provided in Appendix A.

## **3. Records Review**

### **3.1 Phase I ESA Study Area Determination**

EXP conducted a records review of available information in accordance with CSA Standard Z768/01 (as amended) to establish the land use history of the Site and the adjacent properties.

The Phase I ESA study area consisted of an industrial park and extending a distance of 250 metres from the Site. Surrounding properties consist of residential to the east and west and south, and commercial to the north. A site plan is presented as Figure 2 in Appendix B.

### **3.2 Past and Current Land Uses**

Based on a review of historical aerial photographs, historical maps, and other records review, it appears that 355 Franktown Road was used as a single-family residential property in the 1970s, and a commercial mall in the late 1990s. It was undeveloped farmland previous to the 1970s.

### **3.3 Title Search**

A title search was not completed by EXP as it was determined there was enough information available from other sources of information.

### **3.4 Fire Insurance Plans**

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) was conducted to determine if fire insurance plans for the site existed. No fire insurance plans exist for the site or surrounding area.

### **3.5 Environmental Reports**

No previous reports were provided to EXP for review.

### **3.6 Regulatory Information Environmental Source Information**

The appropriate regulatory agencies at the provincial and municipal levels were contacted to obtain information regarding environmental permits, past or pending environmental control orders or complaints, outstanding environmental regulatory non-compliance issues and Sewer Use By-Law infractions. EXP did not identify the need to contact any federal agencies.

The following agencies were contacted and are discussed in the subsequent sections:

- The Ontario Ministry of the Environment, Conservation, and Parks (MECP) Freedom of Information, Protection of Privacy Office.

A written response from some of the regulatory agencies typically requires several weeks to months. Copies of the requests are included in Appendix D. If upon receipt of the response from these regulatory agencies, significant environmental issues are identified, EXP will forward their response to the client as an addendum to this report.

#### **3.6.1 Ontario Ministry of the Environment and Climate Change Records**

Records pertaining to the site were requested from the MECP through the *Freedom of Information and Protection of Privacy Act* (FOI). A response has not yet been received. A copy of the request is provided in Appendix C.

- On March 25, 2019, the MECP Environmental Bill of Rights (EBR) registry website was searched by ERIS for postings in the vicinity of the subject site using a 250 m radius. No areas of potential environmental concern (APEC) were identified.

### 3.6.2 City Directory Search

EXP reviewed city directories dating from 1992 to 2011 was conducted by EXP in order to identify the occupancy history of the site and neighbouring properties for potential environmental concerns. No APECs were noted in the street directory search results.

### 3.7 Land Use Documents

A review of the following publications was carried out as part of this Phase I ESA:

- Waste Disposal Site Inventory (Ontario Ministry of the Environment, Waste Management Branch; June 1991); and,
- Inventory of Coal Gasification Plant Waste Sites in Ontario (Intera, April 1987).

#### 3.7.1 Waste Disposal Site Inventory - MECP (1991)

No former landfills were identified within 250 m of the subject site. In addition, there is no visual evidence of a landfill in the area.

#### 3.7.2 Inventory of Coal Gasification Plant Waste Sites in Ontario - Ontario MOE (1987)

There were no coal gasification plants identified in this document within 250 m of the Site.

### 3.8 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Site and properties within 250 metres of the Site was conducted by EcoLog Environmental Risk Information Services (or EcoLog ERIS). EcoLog ERIS is an environmental database and information service provider. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix C. A summary of the noteworthy findings are provided in Table 3 below.

**TABLE 1: SUMMARY OF ERIS REPORT**

Location	Proximity to the Site	Description	Database	Potential Environmental Concern (Yes/No)
<b>Site</b>				
355 Franktown Road	--	Beckwith Animal Hospital - Waste Generator – Pathological Wastes; 1997-2016	Ontario Regulation 347 Waste Generators	No, based on nature of waste.

Location	Proximity to the Site	Description	Database	Potential Environmental Concern (Yes/No)
<b>Surrounding Properties</b>				
400 Franktown Road	50 m southwest	Fuel oil leak: Dec. 2012	TSSA Incidents	No, based on being down-gradient in terms of the assumed groundwater flow direction
10 Findlay Avenue	130 m south	Ministry of Natural Resources - Waste Generator – Acid Wastes, Petroleum Distillates, Light Fuels, Halogenated Pesticides, Waste Oils & Lubricants; 1986-2001	Ontario Regulation 347 Waste Generators	No, based on intervening distance and being down-gradient in terms of the assumed groundwater flow direction
		Conseil des Écoles catholiques du Centre-Est – Acid Wastes, Alkaline Wastes; 2011-2016		

### 3.9 Physical Setting Review

#### 3.9.1 Aerial Photographs

The following table summarizes the development and land use history of the subject site and adjacent properties as depicted on the reviewed aerial photographs.

**Table 2: Development and Land Use History Summary**

Aerial Photograph (year)	Details
1926	Subject site and adjacent land are undeveloped. Both Franktown Road and Highway 7 are visible.
1946	The subject site remains unchanged. A residence now appears to the southwest, across Franktown Road (assumed to be 400 Franktown Road).
1978	The subject site is now improved with a residential building. The adjacent properties to the north and south are also improved with single family dwellings. Alexander and Julian Streets are now visible to the northwest.
1988	The subject site remains unchanged. A large building is now seen 130 m to the southwest at 10 Findlay Avenue. Findlay Avenue and Knox Street are now visible.
1996	The subject site is now undeveloped, and the eastern half has become overgrown with tree cover. A residential neighbourhood is now visible across Franktown Road to the south. A large building is now seen at 31 Findlay Avenue (30 m west).
2002	The subject site has been developed with a commercial building in the present configuration on the western half of the property. A further large building is seen 225 m to the southwest at 1 Bennett Street. The property adjacent to the south at 359 Franktown Road has numerous vehicles parked upon it – this is considered an APEC.

Aerial Photograph (year)	Details
2005	No significant changes on the subject site or surrounding properties.
2011	No significant changes on the subject site or surrounding properties.
2014	No significant changes on the subject site or surrounding properties.
2017	No significant changes on the subject site or surrounding properties.

The adjacent property at 359 Franktown Road is considered an APEC, as it appeared to be an auto-wrecking yard and/or used car lot.

### 3.9.2 Geology, Hydrogeology and Topography

The following information sources were reviewed to determine the nature of the subsurface materials at the site:

1. Surficial Geology - Carleton Place - Map 1681A, Geological Survey of Canada. Scale 1:50,000. Issued 1982.
2. Paleozoic Geology – Carleton Place Area, Southern Ontario - Map P.2725, Ontario Geological Survey. Scale 1:50,000. Issued 1984.
3. Ontario Geotechnical Boreholes – Electronic Resource.
4. MOE Water Well Records – Electronic Resource.
5. Department of Natural Resources, Topographic Mapping. Electronic Resource.

Based on review of the above information, the subject Site is in the physiographic region known as the Oxford Formation. The bedrock in the general area is composed of dolostone. With respect to surficial geology, beneath any fill, the site is underlain by a thin veneer of less than 1 m of quaternary deposits.

The local topography of the Site relatively flat, while the area has a noticeable slope to the south and west.

#### 3.9.1 Fill Materials

While the Site had been landscaped to be level, there was no evidence the site has been improved with outside fill material.

#### 3.9.2 Water Bodies and Areas of Natural Scientific Importance

The closest body of water is the Mississippi River located 1.6 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction towards this river. The subject site is not located near an ANSI, according to the Ministry of Natural Resources Natural Heritage website.

### 3.10 Site Operating Records

No site operating records were available for review.

### 3.11 Summary of Records Review

Based on a review of the available records, no APECs were identified.

## 4. Interviews

Interviews were attempted by EXP with any individuals identified to be the most knowledgeable about both the current and historical site uses. The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the site.

During the completion of this Phase I ESA, the following individuals were interviewed:

- Ms. Tammy Latimer, property manager.

During interviews, it was indicated that the site has been owned by her family company since the early 1980s and was developed in the early 1990s. While the municipal water and sewage systems run along Franktown Road, the site was never connected and remains on a domestic water well and septic system.

An artesian well was identified on the undeveloped eastern portion of the property.

## 5. Site Reconnaissance

### 5.1 General Requirements

On March 22, 2019, Mr. Carl Hentschel of EXP conducted the site visit in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Site.

The general environmental management and housekeeping practices at the Site were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of EXP's investigation.

Observations of the subject property and surrounding properties were conducted. The exterior observations were recorded by walking over the grounds at approximately 14:00h. The temperature was approximately 3 °C and raining. Adjoining properties were observed from within the grounds of the Site.

Mr. Hentschel was accompanied by the client during the site visit. Photographs were taken at the Site on March 22, 2019 and are included in Appendix E.

### 5.2 Visual Site Assessment

#### 5.2.1 Site Description and Buildings

The Site is an urban lot improved with a single-storey, multi-tenant building with eleven commercial tenant units. The exterior cladding is primarily brick, with a flat roof.

The interior common spaces are finished both vinyl and ceramic tile, painted drywall walls and suspended acoustic tile ceilings.

#### 5.2.2 Heating and Cooling Systems

The building is not centrally heated. Each unit is equipped with a natural-gas fired unit.

#### 5.2.3 Site Utilities and Services

The Site utilities and services identified at the Site are summarized in the table below:

**Table 3: Summary of Utilities**

Utility	Source
Potable Water	Well
Natural Gas (heating source)	Enbridge
Sanitary System	Septic bad at rear of the building
Storm Water	Via roadway drains
Electricity	Hydro One

### **5.2.1 Site Use**

At the time of the investigation, the building at 355 Franktown Road was tenanted by eleven commercial tenants, with one vacant unit. These included:

- Mac's Convenience;
- BWD Systems;
- Waters Edge Massage;
- M&M Food Shop;
- First Choice Haircutters;
- CPAP Care;
- Koko Nails;
- EWyn Weight Loss;
- Tropical Escape Tanning Salon; and,
- Co-operators Insurance.

None of these tenants were considered APECs.

### **5.2.2 Drains, Pits and Sumps**

Floor drains attached the building sewer system. These were not considered APECs.

### **5.2.3 Storage Tanks**

#### **5.2.5.1 Underground Storage Tanks**

EXP did not observe any underground storage tanks (UST) during the site reconnaissance. No visual evidence such as fill / vent pipes, levelometers or oil fill lines associated with USTs were observed at the site.

#### **5.2.5.2 Aboveground Storage Tanks**

EXP did not observe any aboveground storage tanks (AST) during the site reconnaissance. No visual evidence such as pads, cradles, vent or fill pipes were observed.

### **5.2.4 Chemical Storage and Handling and Floor Condition**

No chemicals were observed at 355 Franktown Road other than household cleaning chemicals. These are not considered APECs.

### **5.2.5 Areas of Stained Soil, Pavement or Stressed Vegetation**

No areas of stained soil, pavement or stressed vegetation were observed on the Site. Note however that the property was snow-covered at the time of the site visit.



### **5.2.6 Fill, Debris and Methane**

The Site is similar in elevation to the surrounding properties. There are no sources of methane at the surface of the Site.

### **5.2.7 Air Emissions**

Regulatory control of air emissions in Ontario is the responsibility of the MOE. According to the Environmental Protection Act (EPA), a Certificate of Approval (CofA) (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29th, 1988. Retroactive approval should be sought for equipment installed and unchanged between 1972 and June 29th, 1988 when the requirement for a CofA was added to the EPA. Unless explicitly exempted, most industrial processes or modifications to industrial processes and equipment require a CofA. The EPA provides a list of specific equipment and conditions, which are exempt from CofA (Air) requirements (i.e. fuel burning equipment for comfort heating in a building using natural gas or number 2 fuel oil at a rate of less than 1.5 million British Thermal Units per hour [BTU/hour]).

No issues with respect to air emissions were noted.

### **5.2.8 Odours**

No strong odours were detected during the site visit.

### **5.2.9 Noise**

No excessive noise was detected at the Site during the site visit.

## **5.2.10 Special Attention Items, Hazardous Building Materials and Designated Substances**

### **5.2.13.1 Asbestos**

Asbestos-containing materials (ACMs) are fibrous hydrated silicates and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated by hand pressure. Non-Friable asbestos refers to asbestos, which is associated with a binding agent (such as tar or cement). Friable asbestos is commonly found in boiler or pipe insulation and wall/ceiling plasters. Non-Friable asbestos is typically found in roofing tars, floor and ceiling tiles, and asbestos-containing cement.

ACMs in the workplace are defined as a Designated Substance under the Ontario Occupational Health and Safety Act (OHSA). Under OHSA, persons in the workplace are required to be notified of the presence of ACMs once they are suspected to be present, and if there is a potential for workers to be exposed. The use of ACMs was discontinued in Canada in the late 1970s/early 1980s, although non-friable asbestos can still be found in recently constructed buildings.

Based on the age of the building at the Site (constructed in 1990s) and interview conducted, it is EXP's belief that there are no ACMs present within the Site buildings. EXP did not conduct any sampling for asbestos during the site reconnaissance. It is recommended that an updated Designated Substance Survey (DSS) be conducted for the Site as per O.Reg. 278/05 to identify the presence/absence of asbestos-containing materials.

### **5.2.13.2      *Lead***

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinplate and plumbing. The use of lead-based paints (LBPs) was phased out circa 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain high levels of lead. The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Based on the age of the building at the Site (constructed in 1990s), it is EXP's opinion that there is minimal potential for LBPs to be contained within the Site buildings. The painted surfaces noted during EXP's site visit were observed to be in good condition. The presence/absence of LBPs would be included in the recommendation for an updated DSS as per O.Reg. 278/05.

### **5.2.13.3      *Mercury***

Mercury could be found in some batteries, light bulbs, old paints, thermostats, old mirrors, etc. Based on an investigation by Consumer and Corporate Affairs Canada and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints. The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove "interior uses" from their product labels.

Mercury containing equipment was not observed during the Site visit. Some two fluorescent light tubes were noted and these should be sent to a licensed recycling facility when disposed. Based on the age of the building (constructed in 1990s), there is no potential for mercury containing paints to be present at the Site.

### **5.2.13.4      *Polychlorinated Biphenyls***

The manufacture of polychlorinated biphenyls (PCBs) in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCBs-containing equipment on the Site. Potential equipment, which could contain PCBs include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCBs must be disposed in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCBs is permissible.

A review of the Site was conducted to evaluate the potential presence of PCBs-containing equipment in use or stored at the Site. Sources of PCBs were not observed during the Site visit but based on the age of the building (constructed in 1990s), there is no potential for PCB bearing oils to be present within the fluorescent light ballasts.

### **5.2.13.5      *Urea Formaldehyde Foam Insulation***

Formaldehyde is a pungent, colourless gas commonly used in water solution as a preservative and disinfectant. It is also a basis for major plastics, including durable adhesives. It occurs naturally in the human body and in the outdoor environment. Formaldehyde is used to bond plywood, particleboard, carpets and fabrics, and it contributes to "that new house smell."

Formaldehyde is also a by-product of combustion; it is found in tobacco smoke, vehicle exhaust and the fumes from furnaces, fireplaces and wood stoves. While small amounts of formaldehyde are harmless, it is

an irritating and toxic gas in significant concentrations. Symptoms of overexposure to formaldehyde include irritation to eyes, nose and throat; persistent cough and respiratory distress; skin irritation; nausea; headache; and dizziness.

Urea-formaldehyde foam insulation (UFFI) was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and "cure" into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. Most installations occurred between 1970 and 1977, and the further use of UFFI was banned in Canada in 1980.

Based on the age of the building at the Site (constructed in the 1990s), it is EXP's opinion that there is no potential for UFFI to be contained within the Site buildings.

#### **5.2.13.6 Radon**

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It originates from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for a maximum acceptable level of radon gas of 200 Becquerels per cubic metre (Bq/m<sup>3</sup>). Where radon gas is present, and the annual radon concentration exceeds 200 Bq/m<sup>3</sup> in the normal occupancy area, Health Canada recommends taking the necessary actions to reduce radon levels.

Based on local well records and geologic investigations, the bedrock underlying the Site is dolotone and radon gas is not considered a concern. A radon gas assessment was beyond the scope of this Phase I ESA, and as such, radon gas was not assessed. Indoor air sampling is required to further assess radon concentrations at the Site.

#### **5.2.13.7 Mould**

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow, it requires an organic food source (i.e. gypsum wallboard, carpets, wallpaper, wood, elevated dust levels, etc.) and moist conditions. Mould can have an impact on human health depending on the species and concentration of the mould. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment the industry standards include the Canadian Construction Association (CCA) document 82-2004 entitled "Mould Guidelines for the Canadian Construction Industry" and the Environmental Abatement Council of Ontario (EACO) guidelines titled "EACO Mould Abatement Guidelines, Edition 2 (2010)".

It is important to note that the Ministry of Labour (MOL) has governed protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings. No significant mould growth was observed in the building interiors during the site visit.

**5.2.11 Other Substances**

No other special attention substances (such as acrylonitrile or isocyanates) were suspected to be present at the Site at the time of the site visit.

**5.2.12 Processing and Manufacturing Operations**

No processing or manufacturing operations exist at the Site.

**5.2.13 Hazardous Materials Use and Storage**

No hazardous materials were observed at the Site.

**5.2.14 Vehicle and Equipment Maintenance Areas**

The Site is not used for vehicle or equipment maintenance. However, the adjacent property to the south (359 Franktown Road) is a used car and tractor lot, with evidence that auto-wrecking and maintenance has occurred. This is considered an APEC.

**5.2.15 Oil/Water Separators**

The Site is not equipped with an oil/water separator.

**5.2.16 Sewage and Wastewater Disposal**

Sewage generated at the Site is handled by a septic system located on the eastern side of the building.

**5.2.17 Solid Waste Generation, Storage & Disposal**

No solid wastes are generated presently at the Site.

**5.2.18 Liquid Waste Generation, Storage & Disposal**

No liquid wastes were known or observed to be generated at the time of the site visit.

**5.2.19 Hydraulic Lift Equipment**

No hydraulic equipment was observed at 355 Franktown Road.

**5.2.20 Mechanical Equipment**

No mechanical equipment of concern was observed at the Site.

**5.2.21 Abandoned and Existing Wells**

Two wells were observed on the Site. The first was the domestic supply well, located in the parking lot by the western wing of the building. This was located under a sealed manhole cover and could not be examined.

The second was an artesian wellhead located on the undeveloped eastern portion of the site. The well was flowing during the site visit.

#### **5.2.22 Roads, Parking Facilities and Right of Ways**

Access to the Site parking lot at the rear of the property is via Franktown Road.

### **5.3 Adjacent and Surrounding Properties**

A visual inspection of the adjacent properties and properties within 250 m of the site was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Site. Refer to Figure 2 in Appendix B for the adjacent land uses.

The following land uses border the subject property:

- North: Residential property;
- East: Undeveloped land;
- West: Franktown Road followed by residential/office properties;
- South: 359 Franktown Road - Morrow Auto Sales.

As described in section 5.2.14, the adjacent property to the south at 359 Franktown Road (Morrow Auto Sales) was observed to be a used car and tractor sales lot where maintenance and auto-wrecking has occurred. An internet search found pictures of the property showing oil leaks on to a sand surface grade from a dismantled vehicle. As this operation is adjacent to i) the subject site, ii) up-gradient in terms of the assumed groundwater flow direction, and iii) within 20 m to the domestic supply water well, it is considered an APEC.

The remaining neighbouring properties are not considered to have caused any environmental concern to the Site.

### **5.4 Summary of Site Reconnaissance**

Based on the site reconnaissance, the adjacent property at 359 Franktown Road was found to be an APEC.

## 6. Findings and Recommendations

Based on the results of the Phase I ESA completed at 355 Franktown Road in Carleton Place, Ontario, EXP has identified the following areas of potential environmental concern.

**Table EX-1: Areas of Potential Environmental Concern**

Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Contaminants of Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
359 Franktown Road	Adjacent to the south / 20 m from the domestic supply well	Potential contamination from an active used auto sales yard, where maintenance and auto-wrecking are occurring	Petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs), lead	Soil and groundwater

Based on the findings of the Phase I ESA, a Phase 2 ESA is recommended.

## 7. References

1. Canadian Standards Association; November 2001; *Z768-0 Phase I Environmental Site Assessment*.
2. Dubreuil, L. and C. Woods; 2002; *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*.
3. Geological Survey of Canada; 1982; *Surficial Geology – Carleton Place, Ontario: Map 1681A. Scale 1:50,000*.
4. Ontario Geological Survey; 1984; *Paleozoic Geology – Carleton Place Area, Southern Ontario: Map P.2725, Scale 1:50,000*.
5. Ministry of Labour (MOL); *Occupational Health and Safety Act*.
6. Ontario Ministry of the Environment, *Environmental Registry website* ([www.ene.gov.on.ca/envision/env\\_reg/ebr/english/index.htm](http://www.ene.gov.on.ca/envision/env_reg/ebr/english/index.htm))
7. Ontario Ministry of the Environment; 1993- 2003-2004; *Ontario Inventory of PCB Storage Sites*.
8. Ontario Ministry of the Environment; *Brownfields Registry website* ([www.ene.gov.on.ca/environet/BESR/index.htm](http://www.ene.gov.on.ca/environet/BESR/index.htm))
9. Ontario Ministry of the Environment; *Hazardous Waste Information Network website* ([www.hwin.ca](http://www.hwin.ca)).
10. Ontario Ministry of the Environment; November 1988; *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*.
11. Ontario Ministry of the Environment, Waste Management Branch; June 1991; *Waste Disposal Site Inventory*.
12. Ontario Ministry of the Environment and Intera Technologies Ltd.; June 1991; *Inventory of Coal Gasification Plant Waste Sites in Ontario*;
13. Ontario Ministry of Natural Resources, Natural Heritage website ([www.mnr.gov.on.ca/MNR/nhic/areas.cfm](http://www.mnr.gov.on.ca/MNR/nhic/areas.cfm)).
14. Technical Standards and Safety Authority; May 2007; *Environmental Management Protocol for Fuel Handling Sites in Ontario*.



## **8. Limitation of Liability, Scope of Report, and Third Party Reliance**

### **Basis of Report**

This report (“Report”) is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the Site the recommendations of EXP may require re-evaluation. Where special concerns exist or Kehillat Beth Israel (“the Client”) has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Where applicable, recommended field services are the minimum necessary to ascertain that construction is being carried out in general conformity with building code guidelines, generally accepted practices and EXP’s recommendations. Any reduction in the level of services recommended will result in EXP providing qualified opinions regarding the adequacy of the work. EXP can assist design professionals or contractors retained by the Client to review applicable plans, drawings, and specifications as they relate to the Report or to conduct field reviews during construction.

### **Reliance on Information Provided**

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to EXP. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

### **Standard of Care**

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

### **Complete Report**

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the Site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.



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# Appendices

*EXP Services Inc.*

*GNCR Developments Inc.*

*Phase I Environmental Site Assessment*

*355 Franktown Road, Carleton Place, Ontario*

*OTT-00252133-A0*

*March 29, 2019*

# **Appendix A: Qualifications of Assessors**

## Qualifications of Assessors

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

**Carl Hentschel**, P.Eng., PMP has 17 years of experience in the environmental consulting field working primarily in Ontario, Quebec and the northern territories. He has managed and/or completed numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, soil and groundwater remediation projects, designated substance surveys, building demolition management, environmental effects evaluations (EEE), air quality assessments, bid specification preparation, and is an experienced technical report writer and reviewer.

**Mark McCalla**, P.Geo., is a senior Environmental Scientist with EXP who has 29 years of experience in the environmental consulting field. His technical undertakings have including work in the following fields: Phase I and II Environmental Site Assessments; Site Specific Risk Assessments; Petroleum and chlorinated hydrocarbon contaminated sites; Soil and groundwater remediation technologies; Hydrogeological, Terrain Analysis and Aggregate Assessments; Preparation of Ontario Ministry of Environment Certificate of Approvals and Records of Site Condition. Mr. McCalla is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg 153/04.

*EXP Services Inc.*

*GNCR Developments Inc.*

*Phase I Environmental Site Assessment*

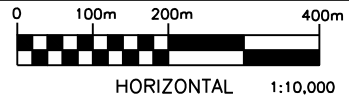
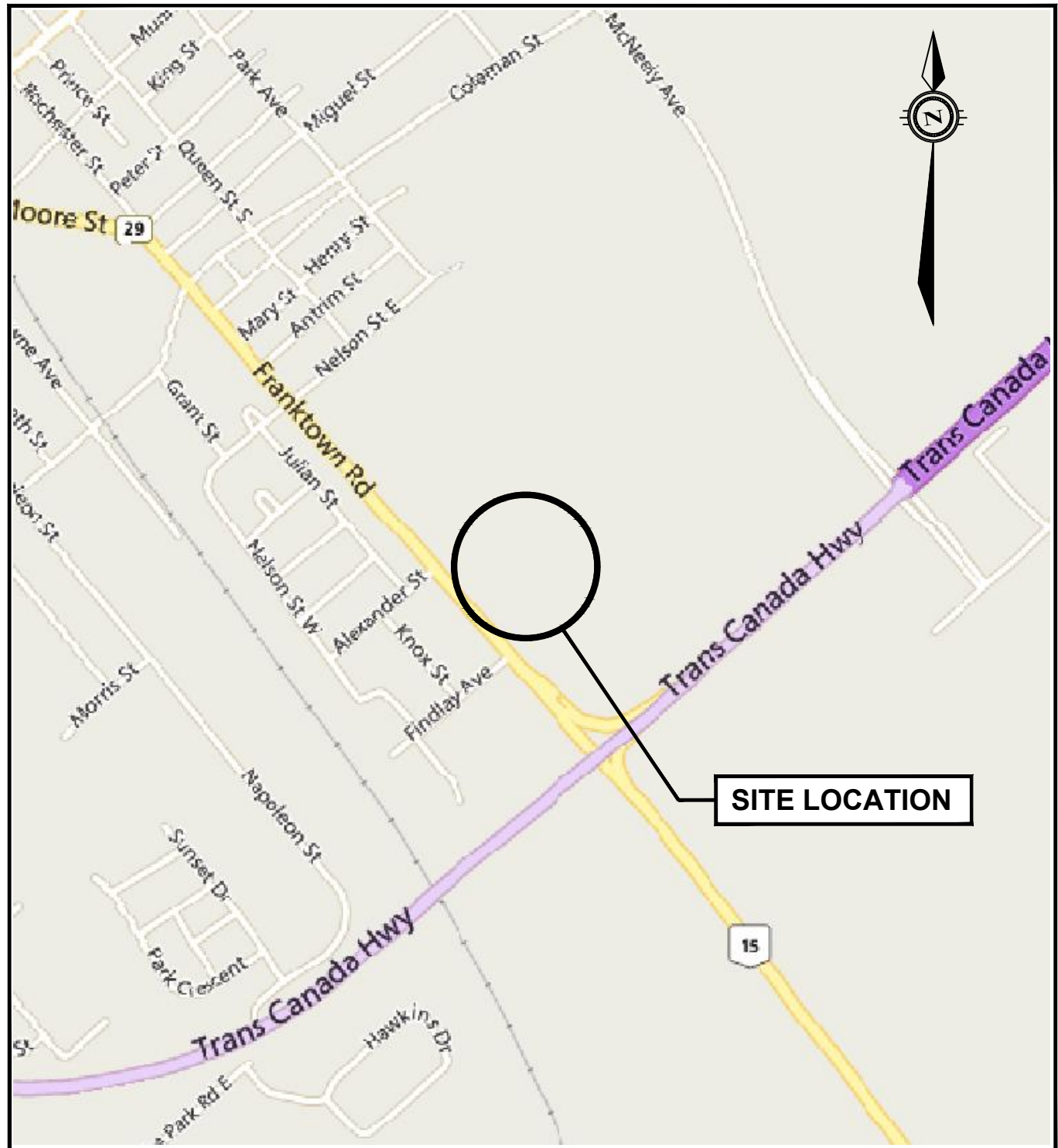
*355 Franktown Road, Carleton Place, Ontario*

*OTT-00252133-A0*

*March 29, 2019*

## **Appendix B: Figures**

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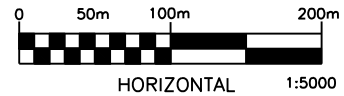
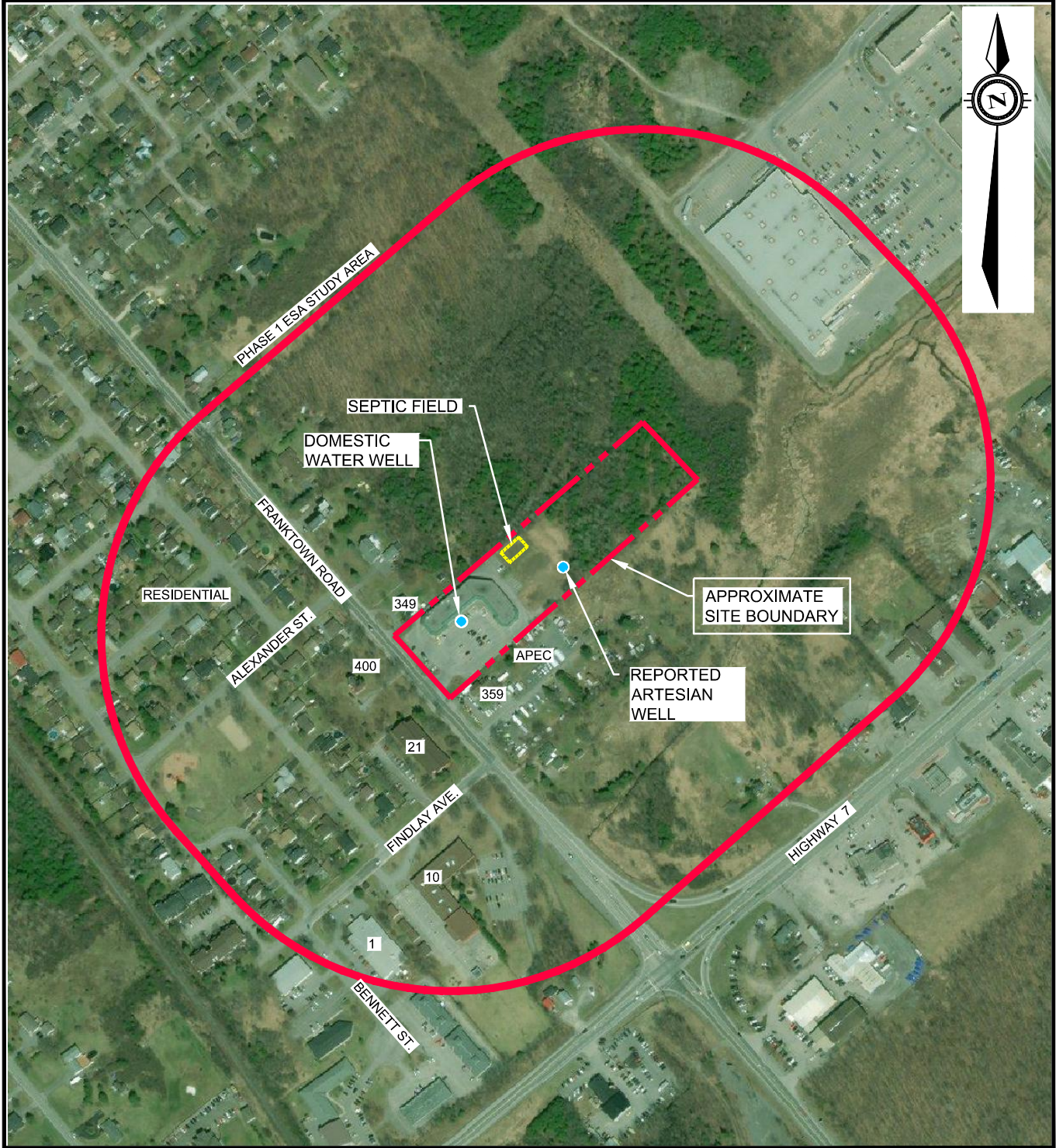


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DATE <b>MARCH 2019</b>		CLIENT: <b>GNCR DEVELOPMENTS INC.</b>	project no. OTT-00252133-A0
DESIGN C.H.	CHECKED M.G.M.		scale 1:10,000
DRAWN BY M.N.		TITLE: <b>PHASE I ESA - KEY PLAN</b> 355 FRANKTOWN ROAD, CARLETON PLACE, ON.	<b>FIG 1</b>



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DATE <b>MARCH 2019</b>		CLIENT: <b>GNCR DEVELOPMENTS INC.</b>	project no. OTT-00252133-A0
DESIGN C.H.	CHECKED M.G.M.		scale 1:5,000
DRAWN BY M.N.			<b>FIG 2</b>
TITLE: <b>PHASE I ESA - SITE PLAN</b> 355 FRANKTOWN ROAD, CARLETON PLACE, ON.			

*EXP Services Inc.*

*GNCR Developments Inc.*

*Phase I Environmental Site Assessment*

*355 Franktown Road, Carleton Place, Ontario*

*OTT-00252133-A0*

*March 29, 2019*

# **Appendix C: EcoLog ERIS Report**







# DATABASE REPORT

**Project Property:** *Phase I ESA  
355 franktown  
Carleton Place ON K7C 4M6*

**Project No:** *OTT-00252133-A0*

**Report Type:** *Standard Report*

**Order No:** *20190312160*

**Requested by:** *exp Services Inc.*

**Date Completed:** *March 18, 2019*

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# Executive Summary

## Property Information:

**Project Property:** *Phase I ESA  
355 franktown Carleton Place ON K7C 4M6*

**Project No:** *OTT-00252133-A0*

## **Coordinates:**

**Latitude:** *45.130674*  
**Longitude:** *-76.128887*  
**UTM Northing:** *4,998,086.64*  
**UTM Easting:** *411,228.95*  
**UTM Zone:** *UTM Zone 18T*

**Elevation:** *442 FT  
134.87 M*

## Order Information:

**Order No:** *20190312160*  
**Date Requested:** *March 12, 2019*  
**Requested by:** *exp Services Inc.*  
**Report Type:** *Standard Report*

## Historical/Products:

**Aerial Photographs** *Aerials - National Collection - .tiff files*  
**City Directory Search** *CD - Subject Site plus 10 Adjacent Properties*

## 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	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	3	3
CA	<i>Certificates of Approval</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DRYCLEANERS	<i>Dry Cleaning Facilities</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	21	21
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &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
NEBI	<i>National Energy Board Pipeline Incidents</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	0	0
PRT	<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	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>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	6	6
<b>Total:</b>			0	32	32

## 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="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	355 FRANKTOWN ROAD, #12 CARLETON PLACE ON K7C 4M6	N/30.0	0.00	<a href="#">17</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	355 FRANKTOWN ROAD, UNIT 12 CARLETON PLACE ON K7C 4M6	N/30.0	0.00	<a href="#">17</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N/30.0	0.00	<a href="#">17</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N/30.0	0.00	<a href="#">18</a>
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<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N/30.0	0.00	<a href="#">18</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N/30.0	0.00	<a href="#">19</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N/30.0	0.00	<a href="#">19</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N/30.0	0.00	<a href="#">19</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N/30.0	0.00	<a href="#">20</a>
<a href="#">1</a>	GEN	BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N/30.0	0.00	<a href="#">20</a>
<a href="#">2</a>	BORE		ON	SE/32.7	0.00	<a href="#">20</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">2</a>	WWIS		ON <b>Well ID:</b> 3502554	SE/32.7	0.00	<a href="#">21</a>
<a href="#">3</a>	BORE		ON	SSE/55.8	0.00	<a href="#">23</a>
<a href="#">3</a>	WWIS		ON <b>Well ID:</b> 3500575	SSE/55.8	0.00	<a href="#">24</a>
<a href="#">4</a>	WWIS		ON <b>Well ID:</b> 7204976	WSW/95.7	2.05	<a href="#">26</a>
<a href="#">5</a>	EHS		400 Franktown Rd Carleton Place ON K7C2N5	WSW/105.8	2.97	<a href="#">27</a>
<a href="#">5</a>	INC		400 FRANKTOWN ROAD, CARLETON PLACE ON	WSW/105.8	2.97	<a href="#">27</a>
<a href="#">6</a>	WWIS		lot 14 con 11 ON <b>Well ID:</b> 3500496	WSW/117.9	2.97	<a href="#">28</a>
<a href="#">7</a>	BORE		ON	NW/152.2	0.69	<a href="#">31</a>
<a href="#">7</a>	WWIS		ON <b>Well ID:</b> 3500579	NW/152.2	0.69	<a href="#">32</a>
<a href="#">8</a>	GEN	MINISTRY OF NATURAL RESOURCES	10 FINDLAY AVE. CARLETON PLACE ON K7C 3Z6	S/218.8	1.00	<a href="#">34</a>
<a href="#">8</a>	GEN	MINISTRY OF NATURAL RESOURCES 27-303	10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6	S/218.8	1.00	<a href="#">34</a>
<a href="#">8</a>	GEN	MINISTRY OF NATURAL RESOURCES	10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6	S/218.8	1.00	<a href="#">35</a>
<a href="#">8</a>	GEN	Conseil des Úcoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#">35</a>



<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>8</u></a>	GEN	Conseil des Écoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#"><u>36</u></a>
<a href="#"><u>8</u></a>	GEN	Conseil des Écoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON	S/218.8	1.00	<a href="#"><u>36</u></a>
<a href="#"><u>8</u></a>	GEN	Conseil des écoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#"><u>36</u></a>
<a href="#"><u>8</u></a>	GEN	Conseil des écoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#"><u>37</u></a>
<a href="#"><u>8</u></a>	GEN	Conseil des écoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#"><u>37</u></a>
<a href="#"><u>8</u></a>	GEN	Conseil des écoles catholiques du Centre-Est CECCE	10, avenue Findaly Carleton Place ON K7C 4K1	S/218.8	1.00	<a href="#"><u>38</u></a>
<a href="#"><u>9</u></a>	WWIS		lot 15 con 11 ON <b>Well ID:</b> 3507556	SSE/219.3	0.00	<a href="#"><u>38</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 3 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	SE	32.69	<a href="#"><u>2</u></a>
	ON	SSE	55.82	<a href="#"><u>3</u></a>
	ON	NW	152.16	<a href="#"><u>7</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	400 Franktown Rd Carleton Place ON K7C2N5	WSW	105.77	<a href="#"><u>5</u></a>

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

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 21 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	355 FRANKTOWN ROAD, #12 CARLETON PLACE ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	355 FRANKTOWN ROAD, UNIT 12 CARLETON PLACE ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON K7C 4M6	N	29.98	<a href="#"><u>1</u></a>
BECKWITH ANIMAL HOSPITAL	#12, 355 Franktown Road Carleton Place ON	N	29.98	<a href="#"><u>1</u></a>
Conseil des ecoles catholiques du Centre-Est CECCE	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#"><u>8</u></a>
Conseil des ecoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#"><u>8</u></a>
Conseil des ecoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#"><u>8</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil des ecoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#">8</a>
Conseil des Úcoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON	S	218.83	<a href="#">8</a>
Conseil des Úcoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#">8</a>
MINISTRY OF NATURAL RESOURCES	10 FINDLAY AVE. CARLETON PLACE ON K7C 3Z6	S	218.83	<a href="#">8</a>
MINISTRY OF NATURAL RESOURCES 27-303	10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6	S	218.83	<a href="#">8</a>
MINISTRY OF NATURAL RESOURCES	10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6	S	218.83	<a href="#">8</a>
Conseil des Úcoles catholiques du Centre-Est	10, avenue Findaly Carleton Place ON K7C 4K1	S	218.83	<a href="#">8</a>

### **INC - TSSA Incidents**

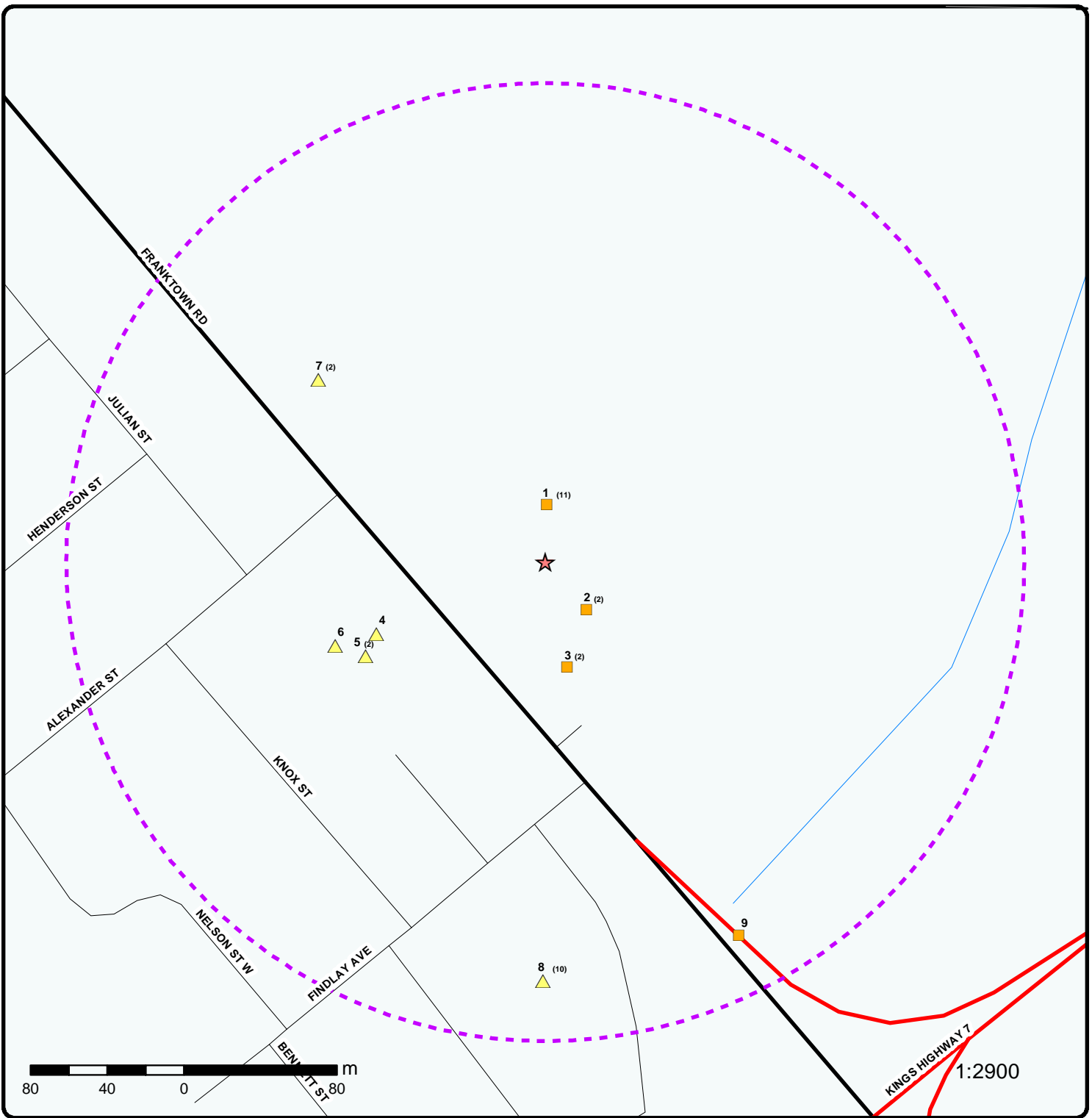
A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	400 FRANKTOWN ROAD, CARLETON PLACE ON	WSW	105.77	<a href="#">5</a>

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

A search of the WWIS database, dated Dec 31, 2017 has found that there are 6 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>
	ON <i>Well ID: 3502554</i>	SE	32.69	<u>2</u>
	ON <i>Well ID: 3500575</i>	SSE	55.82	<u>3</u>
	ON <i>Well ID: 7204976</i>	WSW	95.67	<u>4</u>
	lot 14 con 11 ON <i>Well ID: 3500496</i>	WSW	117.93	<u>6</u>
	ON <i>Well ID: 3500579</i>	NW	152.16	<u>7</u>
	lot 15 con 11 ON <i>Well ID: 3507556</i>	SSE	219.31	<u>9</u>



### Map : 0.25 Kilometer Radius

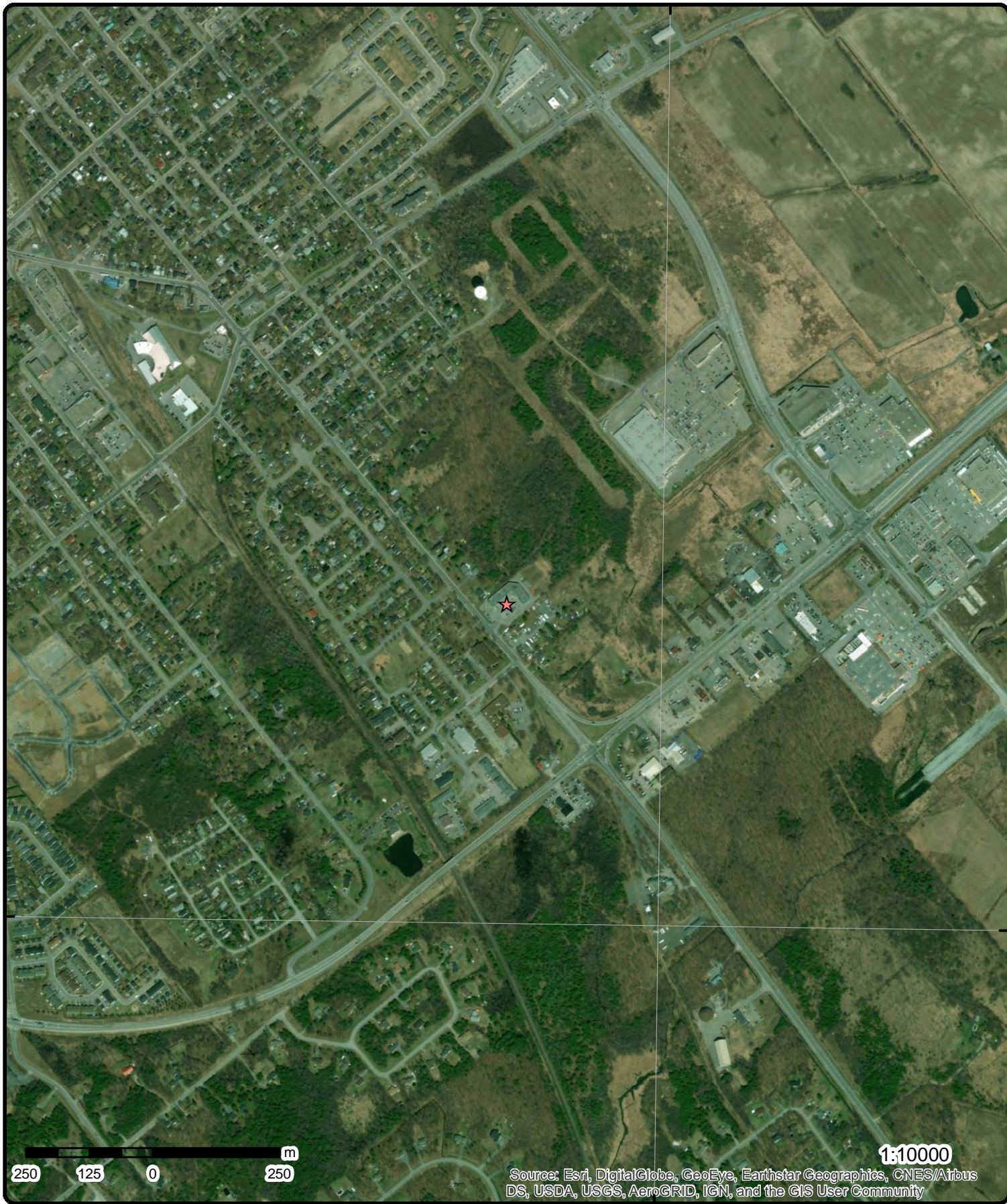
Order No: 20190312160

Address: 355 franktown, Carleton Place, ON, K7C 4M6



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		





# Aerial (2016)

Address: 355 franktown, Carleton Place, ON, K7C 4M6

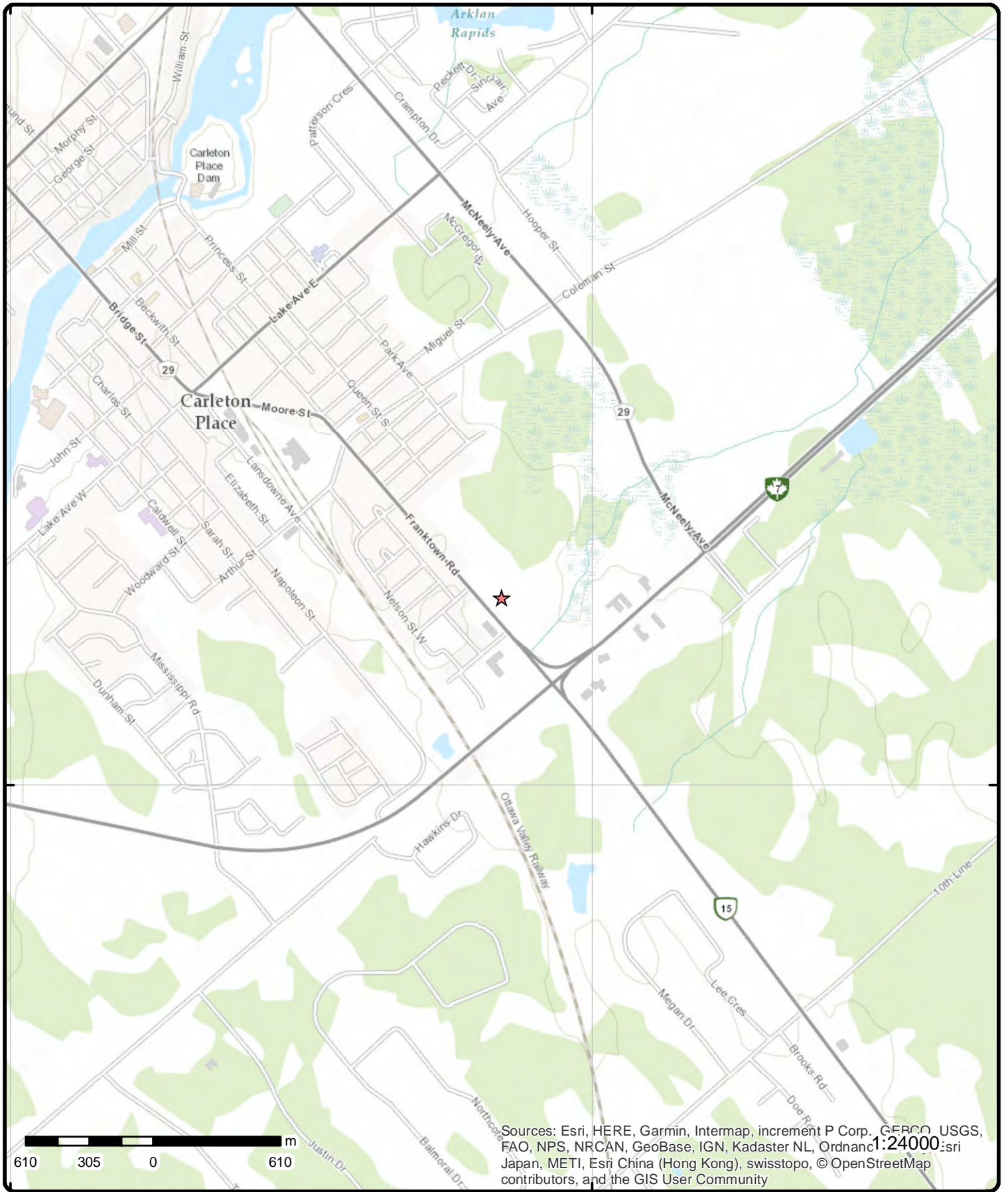
Source: ESRI World Imagery

Order No: 20190312160



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

# Topographic Map

**Address: 355 Franktown, Carleton Place, ON, K7C 4M6**

Source: ESRI World Topographic Map

Order No: 20190312160



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL 355 FRANKTOWN ROAD, #12 CARLETON PLACE ON K7C 4M6	GEN
<b>Generator No:</b> ON2281200 <b>Status:</b> <b>Approval Years:</b> 97,98,99 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 0211 <b>SIC Description:</b> VETERINARY SERVICE		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>--Details--</b> <b>Waste Code:</b> 312 <b>Waste Description:</b> PATHOLOGICAL WASTES					
<u>1</u>	2 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL 355 FRANKTOWN ROAD, UNIT 12 CARLETON PLACE ON K7C 4M6	GEN
<b>Generator No:</b> ON2281200 <b>Status:</b> <b>Approval Years:</b> 00,01 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 0211 <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>--Details--</b> <b>Waste Code:</b> 312 <b>Waste Description:</b> PATHOLOGICAL WASTES					
<u>1</u>	3 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON K7C 4M6	GEN
<b>Generator No:</b> ON2281200 <b>Status:</b> <b>Approval Years:</b> 02,03,04,05,06,07,08 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>--Details--</b> <b>Waste Code:</b> 261 <b>Waste Description:</b> PHARMACEUTICALS  <b>Waste Code:</b> 312 <b>Waste Description:</b> PATHOLOGICAL WASTES					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	4 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	Veterinary Services				
<b>--Details--</b>					
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<a href="#">1</a>	5 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	Veterinary Services				
<b>--Details--</b>					
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<a href="#">1</a>	6 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	Veterinary Services				
<b>--Details--</b>					
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	7 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON K7C 4M6	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	Veterinary Services				
<b>--Details--</b>					
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<u>1</u>	8 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	VETERINARY SERVICES				
<b>--Details--</b>					
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<u>1</u>	9 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON K7C 4M6	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Beverley Ashdown
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	(613)257-3366 Ext.
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	VETERINARY SERVICES				
<b>--Details--</b>					
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	10 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON K7C 4M6	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Beverley Ashdown
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	(613)257-3366 Ext.
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	VETERINARY SERVICES				
<b>--Details--</b>					
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<a href="#">1</a>	11 of 11	N/30.0	134.9 / 0.00	BECKWITH ANIMAL HOSPITAL #12, 355 Franktown Road Carleton Place ON K7C 4M6	GEN
<b>Generator No:</b>	ON2281200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Beverley Ashdown
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	(613)257-3366 Ext.
<b>SIC Code:</b>	541940				
<b>SIC Description:</b>	VETERINARY SERVICES				
<b>--Details--</b>					
<b>Waste Code:</b>	312				
<b>Waste Description:</b>	PATHOLOGICAL WASTES				
<b>Waste Code:</b>	261				
<b>Waste Description:</b>	PHARMACEUTICALS				
<a href="#">2</a>	1 of 2	SE/32.7	134.9 / 0.00	ON	BORE
<b>Borehole ID:</b>	608451			<b>Type:</b>	Borehole
<b>Use:</b>				<b>Status:</b>	
<b>Drill Method:</b>				<b>UTM Zone:</b>	18
<b>Easting:</b>	411250			<b>Northing:</b>	4998062
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	137
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	135
<b>Total Depth m:</b>	17.1			<b>Primary Name:</b>	
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	OCT-1969			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218380906			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	1.8			<b>Stratum Desc:</b>	SOIL.
<b>Stratum ID:</b>	218380907			<b>Top Depth(m):</b>	1.8
<b>Bottom Depth(m):</b>	17.1			<b>Stratum Desc:</b>	SANDSTONE,LIMESTONE.00053 00074

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
					00079. SANDSTONE. BROWN. SANDSTONE. WHITE. SA

<a href="#">2</a>	2 of 2	SE/32.7	134.9 / 0.00	ON	WWIS
<b>Well ID:</b>		3502554		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 2/20/1970	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 3705	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> LANARK	
<b>Elevation (m):</b>				<b>Municipality:</b> CARLETON PLACE TOWN	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>		10203401		<b>Elevation:</b> 135.5	
<b>DP2BR:</b>		6		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>		r		<b>East83:</b> 411250.4	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b> 4998062	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 4	
<b>Date Completed:</b>		24-OCT-69		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
<b>Remarks:</b>				<b>Location Method:</b> p4	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>		931643325	
<b>Layer:</b>		2	
<b>Color:</b>			
<b>General Color:</b>			
<b>Mat1:</b>		18	
<b>Most Common Material:</b>		SANDSTONE	
<b>Mat2:</b>		15	
<b>Other Materials:</b>		LIMESTONE	
<b>Mat3:</b>			
<b>Other Materials:</b>			
<b>Formation Top Depth:</b>		6	
<b>Formation End Depth:</b>		56	
<b>Formation End Depth UOM:</b>		ft	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931643324			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		6			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		963502554			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10751971			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930343892			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		21			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930343893			
<b>Layer:</b>		2			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		56			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		993502554			
<b>Pump Set At:</b>					
<b>Static Level:</b>		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Final Level After Pumping:</i>		30			
<i>Recommended Pump Depth:</i>		35			
<i>Pumping Rate:</i>		5			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		2			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			

**Draw Down & Recovery**

*Pump Test Detail ID:* 934728672  
*Test Type:* Draw Down  
*Test Duration:* 45  
*Test Level:* 30  
*Test Level UOM:* ft

**Draw Down & Recovery**

*Pump Test Detail ID:* 934194981  
*Test Type:* Draw Down  
*Test Duration:* 15  
*Test Level:* 30  
*Test Level UOM:* ft

**Draw Down & Recovery**

*Pump Test Detail ID:* 934465165  
*Test Type:* Draw Down  
*Test Duration:* 30  
*Test Level:* 30  
*Test Level UOM:* ft

**Draw Down & Recovery**

*Pump Test Detail ID:* 934994405  
*Test Type:* Draw Down  
*Test Duration:* 60  
*Test Level:* 30  
*Test Level UOM:* ft

**Water Details**

*Water ID:* 933661615  
*Layer:* 1  
*Kind Code:* 1  
*Kind:* FRESH  
*Water Found Depth:* 53  
*Water Found Depth UOM:* ft

<u>3</u>	1 of 2	SSE/55.8	134.9 / 0.00	ON	BORE
<i>Borehole ID:</i>	608450			<i>Type:</i>	Borehole
<i>Use:</i>				<i>Status:</i>	
<i>Drill Method:</i>				<i>UTM Zone:</i>	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Easting:</b>	411240			<b>Northing:</b>	4998032
<b>Location Accuracy:</b>				<b>Orig. Ground Elev m:</b>	136
<b>Elev. Reliability Note:</b>				<b>DEM Ground Elev m:</b>	136
<b>Total Depth m:</b>	23.8			<b>Primary Name:</b>	
<b>Township:</b>				<b>Concession:</b>	
<b>Lot:</b>				<b>Municipality:</b>	
<b>Completion Date:</b>	JUL-1962			<b>Static Water Level:</b>	-999.9
<b>Primary Water Use:</b>				<b>Sec. Water Use:</b>	
<b>--Details--</b>					
<b>Stratum ID:</b>	218380904			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	9.1			<b>Stratum Desc:</b>	SANDSTONE. WHITE.
<b>Stratum ID:</b>	218380905			<b>Top Depth(m):</b>	9.1
<b>Bottom Depth(m):</b>	23.8			<b>Stratum Desc:</b>	SANDSTONE. BROWN. 00074 00079. SANDSTONE. BROWN. SANDSTONE. WHITE. SANDSTONE. BR

3      2 of 2      SSE/55.8      134.9 / 0.00      ON      WWIS

**Well ID:** 3500575  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/14/1962  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 4904  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** LANARK  
**Municipality:** CARLETON PLACE TOWN  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10201442  
**DP2BR:** 0  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 05-JUL-62  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 136.22  
**Elevrc:**  
**Zone:** 18  
**East83:** 411240.4  
**North83:** 4998032  
**Org CS:**  
**UTMRC:** 5  
**UTMRC Desc:** margin of error : 100 m - 300 m  
**Location Method:** p5

**Overburden and Bedrock**  
**Materials Interval**



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		931638595			
<b>Layer:</b>		1			
<b>Color:</b>		1			
<b>General Color:</b>		WHITE			
<b>Mat1:</b>		18			
<b>Most Common Material:</b>		SANDSTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931638596			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		18			
<b>Most Common Material:</b>		SANDSTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		30			
<b>Formation End Depth:</b>		78			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		963500575			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10750012			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930339971			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		15			
<b>Casing Diameter:</b>		7			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930339972			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

**Results of Well Yield Testing**

Pump Test ID:	993500575
Pump Set At:	
Static Level:	18
Final Level After Pumping:	20
Recommended Pump Depth:	50
Pumping Rate:	15
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

**Water Details**

Water ID:	933659326
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	50
Water Found Depth UOM:	ft

**Water Details**

Water ID:	933659327
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74
Water Found Depth UOM:	ft

[4](#)

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WSW/95.7

136.9 / 2.05

ON

WWIS

Well ID:	7204976	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	7/19/2013
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	6964
Casing Material:		Form Version:	8
Audit No:	C21831	Owner:	
Tag:	A137236	Street Name:	
Construction Method:		County:	LANARK
Elevation (m):		Municipality:	BECKWITH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 1004440414 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 06-FEB-13 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Elevation:</b> 137.26 <b>Elevrc:</b> <b>Zone:</b> 18 <b>East83:</b> 411141 <b>North83:</b> 4998049 <b>Org CS:</b> UTM83 <b>UTMRC:</b> 4 <b>UTMRC Desc:</b> margin of error : 30 m - 100 m <b>Location Method:</b> wwr	
<a href="#">5</a>	1 of 2	WSW/105.8	137.8 / 2.97	400 Franktown Rd Carleton Place ON K7C2N5	EHS
<b>Order No:</b> 20170929026 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 05-OCT-17 <b>Date Received:</b> 29-SEP-17 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> 4818 square metres <b>Additional Info Ordered:</b>				<b>Nearest Intersection:</b> <b>Municipality:</b> Carleton Place <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -76.13007 <b>Y:</b> 45.130222	
<a href="#">5</a>	2 of 2	WSW/105.8	137.8 / 2.97	400 FRANKTOWN ROAD, CARLETON PLACE ON	INC
<b>Incident No:</b> 962180 <b>Incident ID:</b> <b>Attribute Category:</b> FS-Perform L1 Incident Insp <b>Status Code:</b> <b>Incident Location:</b> 400 FRANKTOWN ROAD, CARLETON PLACE - LEAK <b>Drainage System:</b> <b>Sub Surface Contam.:</b> <b>Aff. Prop. Use Water:</b> <b>Contam. Migrated:</b> <b>Contact Natural Env.:</b> <b>Near Body of Water:</b> <b>Approx. Quant. Rel.:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Residential App. Type:</b> <b>Commercial App. Type:</b> <b>Industrial App. Type:</b> <b>Institutional App. Type:</b> <b>Venting Type:</b> <b>Vent Connector Mater:</b> <b>Vent Chimney Mater:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Equipment Type:</b> <b>Cylinder Capacity:</b> <b>Cylinder Capac. Units:</b> <b>Cylinder Material Type:</b> <b>Tank Capacity:</b> <b>Fuels Occurrence Type:</b> Leak <b>Fuel Type Involved:</b> Fuel Oil <b>Date of Occurrence:</b> 2012/12/12 00:00:00 <b>Time of Occurrence:</b> NULL <b>Occur Insp Start Date:</b> 2012/12/12 00:00:00 <b>Any Health Impact:</b> No <b>Any Environmental Impact:</b> Yes <b>Was Service Interrupted:</b> Yes <b>Was Property Damaged:</b> Yes <b>Operation Type Involved:</b> Private Dwelling <b>Enforcement Policy:</b> NULL <b>Prc Escalation Required:</b> NULL <b>Task No:</b> 4208600 <b>Notes:</b> <b>Occurrence Narrative:</b> Leak - Undetermined Source <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Capac:</b> <b>Liquid Prop Notes:</b>					

<a href="#">6</a>	1 of 1	WSW/117.9	137.8 / 2.97	lot 14 con 11 ON	WWIS
<b>Well ID:</b> 3500496 <b>Construction Date:</b> <b>Primary Water Use:</b> Not Used <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 10/27/1960 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3002 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> LANARK <b>Municipality:</b> BECKWITH TOWNSHIP <b>Site Info:</b> <b>Lot:</b> 014 <b>Concession:</b> 11 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10201363 <b>Elevation:</b> 137.85					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>DP2BR:</b>	4			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	411119.4
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4998043
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	11-JUN-60			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931638420  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 4  
**Formation End Depth:** 64  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931638419  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 4  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931638421  
**Layer:** 3  
**Color:** 1  
**General Color:** WHITE  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 64

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation End Depth:</i>		200			
<i>Formation End Depth UOM:</i>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<i>Method Construction ID:</i>		963500496			
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
<b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>		10749933			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930339813			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		200			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>		930339812			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		12			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<i>Pump Test ID:</i>		993500496			
<i>Pump Set At:</i>					
<i>Static Level:</i>		12			
<i>Final Level After Pumping:</i>		12			
<i>Recommended Pump Depth:</i>		180			
<i>Pumping Rate:</i>		340			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		340			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		48			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933659240			
Layer:		4			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		178			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933659238			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		112			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933659237			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		32			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933659241			
Layer:		5			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		192			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933659239			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		146			
Water Found Depth UOM:		ft			

<u>7</u>	1 of 2	NW/152.2	135.6 / 0.69	ON	BORE
Borehole ID:	608456			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	411110			Northing:	4998182
Location Accuracy:				Orig. Ground Elev m:	136
Elev. Reliability Note:				DEM Ground Elev m:	136
Total Depth m:	24.4			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	DEC-1962			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Stratum ID:</b>	218380916			<b>Top Depth(m):</b>	0.0
<b>Bottom Depth(m):</b>	3.4			<b>Stratum Desc:</b>	SAND,STONES.
<b>Stratum ID:</b>	218380917			<b>Top Depth(m):</b>	3.4
<b>Bottom Depth(m):</b>	24.4			<b>Stratum Desc:</b>	SANDSTONE. 00065STONE. 00079. SANDSTONE. BROWN. SANDSTONE. WHITE. SANDSTONE

[7](#)

2 of 2

NW/152.2

135.6 / 0.69

ON

WWIS

**Well ID:** 3500579  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/8/1963  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3503  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** LANARK  
**Municipality:** CARLETON PLACE TOWN  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10201446  
**DP2BR:** 11  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 17-DEC-62  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 136.17  
**Elevrc:**  
**Zone:** 18  
**East83:** 411110.4  
**North83:** 4998182  
**Org CS:**  
**UTMRC:** 5  
**UTMRC Desc:** margin of error : 100 m - 300 m  
**Location Method:** p5

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931638605  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:**



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			11		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			931638606		
<b>Layer:</b>			2		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			18		
<b>Most Common Material:</b>			SANDSTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			11		
<b>Formation End Depth:</b>			80		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>			963500579		
<b>Method Construction Code:</b>			1		
<b>Method Construction:</b>			Cable Tool		
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			10750016		
<b>Casing No:</b>			1		
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930339980		
<b>Layer:</b>			2		
<b>Material:</b>			4		
<b>Open Hole or Material:</b>			OPEN HOLE		
<b>Depth From:</b>					
<b>Depth To:</b>			80		
<b>Casing Diameter:</b>			7		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930339979		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>					
<b>Depth To:</b>			14		
<b>Casing Diameter:</b>			7		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		

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

**Pump Test ID:** 993500579  
**Pump Set At:**  
**Static Level:** 18  
**Final Level After Pumping:** 35  
**Recommended Pump Depth:** 60  
**Pumping Rate:** 10  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 40  
**Flowing:** N

**Water Details**

**Water ID:** 933659331  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 65  
**Water Found Depth UOM:** ft

<u>8</u>	1 of 10	S/218.8	135.9 / 1.00	MINISTRY OF NATURAL RESOURCES 10 FINDLAY AVE. CARLETON PLACE ON K7C 3Z6	GEN
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**Generator No:** ON0124158  
**Status:**  
**Approval Years:** 86,87,88,89,90  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 8272  
**SIC Description:** RES. CONS./IND. DEV.

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**--Details--**

**Waste Code:** 112  
**Waste Description:** ACID WASTE - HEAVY METALS

**Waste Code:** 213  
**Waste Description:** PETROLEUM DISTILLATES

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

**Waste Code:** 242  
**Waste Description:** HALOGENATED PESTICIDES

**Waste Code:** 252  
**Waste Description:** WASTE OILS & LUBRICANTS

<u>8</u>	2 of 10	S/218.8	135.9 / 1.00	MINISTRY OF NATURAL RESOURCES 27-303 10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6	GEN
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**Generator No:** ON0124158  
**Status:**

**PO Box No:**  
**Country:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	92,93,94,95,96,97  8272	RES. CONS./IND. DEV.		Choice of Contact: Co Admin: Phone No Admin:	
<b>--Details--</b>					
Waste Code: Waste Description:	112 ACID WASTE - HEAVY METALS				
Waste Code: Waste Description:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Code: Waste Description:	213 PETROLEUM DISTILLATES				
Waste Code: Waste Description:	221 LIGHT FUELS				
Waste Code: Waste Description:	242 HALOGENATED PESTICIDES				
Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
<b>8</b>	<b>3 of 10</b>	<b>S/218.8</b>	<b>135.9 / 1.00</b>	<b>MINISTRY OF NATURAL RESOURCES 10 FINDLAY AVENUE CARLETON PLACE ON K7C 3Z6</b>	<b>GEN</b>
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0124158  98,99,00,01  8272	RES. CONS./IND. DEV.		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<b>--Details--</b>					
Waste Code: Waste Description:	252 WASTE OILS & LUBRICANTS				
Waste Code: Waste Description:	112 ACID WASTE - HEAVY METALS				
Waste Code: Waste Description:	145 PAINT/PIGMENT/COATING RESIDUES				
Waste Code: Waste Description:	213 PETROLEUM DISTILLATES				
Waste Code: Waste Description:	221 LIGHT FUELS				
Waste Code: Waste Description:	242 HALOGENATED PESTICIDES				
<b>8</b>	<b>4 of 10</b>	<b>S/218.8</b>	<b>135.9 / 1.00</b>	<b>Conseil des Écoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON K7C 4K1</b>	<b>GEN</b>
Generator No:	ON6090203			PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 2011 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 611690 <b>SIC Description:</b>					
<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<a href="#">8</a>	5 of 10	S/218.8	135.9 / 1.00	Conseil des Écoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON K7C 4K1	GEN
<b>Generator No:</b> ON6090203 <b>Status:</b> <b>Approval Years:</b> 2012 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 611690 <b>SIC Description:</b> All Other Schools and Instruction					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<a href="#">8</a>	6 of 10	S/218.8	135.9 / 1.00	Conseil des Écoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON	GEN
<b>Generator No:</b> ON6090203 <b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 611690 <b>SIC Description:</b> ALL OTHER SCHOOLS AND INSTRUCTION					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>--Details--</b>					
<b>Waste Code:</b> 146					
<b>Waste Description:</b> OTHER SPECIFIED INORGANICS					
<b>Waste Code:</b> 122					
<b>Waste Description:</b> ALKALINE WASTES - OTHER METALS					
<b>Waste Code:</b> 121					
<b>Waste Description:</b> ALKALINE WASTES - HEAVY METALS					
<b>Waste Code:</b> 112					
<b>Waste Description:</b> ACID WASTE - HEAVY METALS					
<a href="#">8</a>	7 of 10	S/218.8	135.9 / 1.00	Conseil des écoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON K7C 4K1	GEN
<b>Generator No:</b> ON6090203 <b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 611690 <b>SIC Description:</b> ALL OTHER SCHOOLS AND INSTRUCTION					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Maryse Lafrance <b>Phone No Admin:</b> 613-746-3107 Ext.2					
<b>--Details--</b>					
<b>Waste Code:</b> 121					
<b>Waste Description:</b> ALKALINE WASTES - HEAVY METALS					

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

**Waste Code:** 122  
**Waste Description:** ALKALINE WASTES - OTHER METALS  
  
**Waste Code:** 112  
**Waste Description:** ACID WASTE - HEAVY METALS  
  
**Waste Code:** 146  
**Waste Description:** OTHER SPECIFIED INORGANICS

<u>8</u>	8 of 10	S/218.8	135.9 / 1.00	Conseil des ecoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON K7C 4K1	GEN
<b>Generator No:</b>	ON6090203			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Nathalie Fuhrmann
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613-746-3107 Ext.E
<b>SIC Code:</b>	611690				
<b>SIC Description:</b>	ALL OTHER SCHOOLS AND INSTRUCTION				
<b>--Details--</b>					
<b>Waste Code:</b>	122				
<b>Waste Description:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Code:</b>	146				
<b>Waste Description:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Code:</b>	121				
<b>Waste Description:</b>	ALKALINE WASTES - HEAVY METALS				
<b>Waste Code:</b>	112				
<b>Waste Description:</b>	ACID WASTE - HEAVY METALS				

<u>8</u>	9 of 10	S/218.8	135.9 / 1.00	Conseil des ecoles catholiques du Centre-Est 10, avenue Findaly Carleton Place ON K7C 4K1	GEN
<b>Generator No:</b>	ON6090203			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Nathalie Fuhrmann
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613-746-3107 Ext.E
<b>SIC Code:</b>	611690				
<b>SIC Description:</b>	ALL OTHER SCHOOLS AND INSTRUCTION				
<b>--Details--</b>					
<b>Waste Code:</b>	121				
<b>Waste Description:</b>	ALKALINE WASTES - HEAVY METALS				
<b>Waste Code:</b>	122				
<b>Waste Description:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Code:</b>	146				
<b>Waste Description:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Code:</b>	112				
<b>Waste Description:</b>	ACID WASTE - HEAVY METALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">8</a>	10 of 10	S/218.8	135.9 / 1.00	Conseil des ecoles catholiques du Centre-Est CECCE 10, avenue Findaly Carleton Place ON K7C 4K1	GEN
<b>Generator No:</b>	ON6090203			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>--Details--</b>					
<b>Waste Code:</b>	112 C				
<b>Waste Description:</b>	Acid solutions - containing heavy metals				
<b>Waste Code:</b>	121 C				
<b>Waste Description:</b>	Alkaline slutions - containing heavy metals				
<b>Waste Code:</b>	122 C				
<b>Waste Description:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Code:</b>	146 C				
<b>Waste Description:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Code:</b>	146 R				
<b>Waste Description:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Code:</b>	146 T				
<b>Waste Description:</b>	Other specified inorganic sludges, slurries or solids				
<a href="#">9</a>	1 of 1	SSE/219.3	134.9 / 0.00	lot 15 con 11 ON	WWIS
<b>Well ID:</b>	3507556			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	9/2/1986
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4767
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	NA			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	LANARK
<b>Elevation (m):</b>				<b>Municipality:</b>	BECKWITH TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	015
<b>Well Depth:</b>				<b>Concession:</b>	11
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10208181			<b>Elevation:</b>	134.9
<b>DP2BR:</b>	2			<b>Elevrc:</b>	
<b>Spatial Status:</b>	Improved			<b>Zone:</b>	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Code OB:</b>	r			<b>East83:</b>	411330
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4997892
<b>Open Hole:</b>				<b>Org CS:</b>	N83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	06-AUG-86			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>	1999-2004 MOE Water Well Data Improvement Project				
<b>Improvement Location Method:</b>	GIS				
<b>Source Revision Comment:</b>	Northing and/or Easting field has been changed. Location estimated from sketch map.				
<b>Supplier Comment:</b>	Determined to be an improvement rather than a Lot Centroid in December 2009.				

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931656120  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 85  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931656119  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 2  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 963507556  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10756751  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930350851		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>					
<b>Depth To:</b>			22		
<b>Casing Diameter:</b>			6		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			993507556		
<b>Pump Set At:</b>					
<b>Static Level:</b>			10		
<b>Final Level After Pumping:</b>			65		
<b>Recommended Pump Depth:</b>			65		
<b>Pumping Rate:</b>			50		
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>			50		
<b>Levels UOM:</b>			ft		
<b>Rate UOM:</b>			GPM		
<b>Water State After Test Code:</b>			1		
<b>Water State After Test:</b>			CLEAR		
<b>Pumping Test Method:</b>			1		
<b>Pumping Duration HR:</b>			1		
<b>Pumping Duration MIN:</b>			0		
<b>Flowing:</b>			N		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934192402		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			15		
<b>Test Level:</b>			50		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934738254		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			45		
<b>Test Level:</b>			65		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934476461		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			65		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934996850		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			60		
<b>Test Level:</b>			65		
<b>Test Level UOM:</b>			ft		



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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**Water Details**

**Water ID:** 933667508  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 80  
**Water Found Depth UOM:** ft

# Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	MINISTRY OF NATURAL RESOURCES	SHARBOT LAKE PROVINCIAL PARK	CARLETON PLACE TOWN ON	
CA	GREENSIDE CONST. MANAGEMENT	FINDLAY AVE.	CARLETON PLACE TOWN ON	
CA	GREENSIDE CONSTRUCTION MANAGEMENT LTD.	FINDLAY AVE.	CARLETON PLACE TOWN ON	
CA	GREENSIDE CONSTRUCTION MANAGEMENT LTD.	FINDLAY AVE.	CARLETON PLACE TOWN ON	
CA	GREENSIDE CONSTRUCTION MANAGEMENT LTD.	FINDLAY AVE.	CARLETON PLACE TOWN ON	
WWIS		lot 15	ON	
WWIS		lot 15	ON	

# Unplottable Report

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**Site:** **MINISTRY OF NATURAL RESOURCES**  
**SHARBOT LAKE PROVINCIAL PARK CARLETON PLACE TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-0027-90-  
**Application Year:** 90  
**Issue Date:** 7/16/1990  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **GREENSIDE CONST. MANAGEMENT**  
**FINDLAY AVE. CARLETON PLACE TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-0529-87-  
**Application Year:** 87  
**Issue Date:** 4/16/1987  
**Approval Type:** Municipal sewage  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **GREENSIDE CONSTRUCTION MANAGEMENT LTD.**  
**FINDLAY AVE. CARLETON PLACE TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-0435-87-  
**Application Year:** 87  
**Issue Date:** 4/16/1987  
**Approval Type:** Municipal water  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **GREENSIDE CONSTRUCTION MANAGEMENT LTD.**  
**FINDLAY AVE. CARLETON PLACE TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-0428-87-  
**Application Year:** 87

**Issue Date:** 5/12/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** GREENSIDE CONSTRUCTION MANAGEMENT LTD.  
FINDLAY AVE. CARLETON PLACE TOWN ON

**Database:**  
CA

**Certificate #:** 7-0341-87-  
**Application Year:** 87  
**Issue Date:** 5/12/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** lot 15 ON

**Database:**  
WWIS

<b>Well ID:</b>	3512667	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	8/19/1999
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	6565
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	207560	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	LANARK
<b>Elevation (m):</b>		<b>Municipality:</b>	BECKWITH TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	015
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10213280	<b>Elevation:</b>	
<b>DP2BR:</b>	1	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	r	<b>East83:</b>	
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	22-JUL-99	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			

**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931672216  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 1  
**Formation End Depth:** 43  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931672217  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 43  
**Formation End Depth:** 125  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931672215  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 1  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 963512667  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

Pipe ID: 10761850  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930359026  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 43  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 993512667  
Pump Set At:  
Static Level: 18  
Final Level After Pumping: 18  
Recommended Pump Depth: 120  
Pumping Rate: 10  
Flowing Rate:  
Recommended Pump Rate: 6  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 2  
Water State After Test: CLOUDY  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934207955  
Test Type: Recovery  
Test Duration: 15  
Test Level: 18  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934994797  
Test Type: Recovery  
Test Duration: 60  
Test Level: 18  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934474055  
Test Type: Recovery  
Test Duration: 30  
Test Level: 18  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934736278  
Test Type: Recovery  
Test Duration: 45

Test Level: 18  
Test Level UOM: ft

Water Details

Water ID: 933674853  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 118  
Water Found Depth UOM: ft

Site:  
lot 15 ON

Database:  
WWIS

Well ID:	3512536	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/18/1998
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	6565
Casing Material:		Form Version:	1
Audit No:	175869	Owner:	
Tag:		Street Name:	
Construction Method:		County:	LANARK
Elevation (m):		Municipality:	BECKWITH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	015
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10213149	Elevation:	
DP2BR:	1	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	29-NOV-98	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock  
Materials Interval

Formation ID: 931671787  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:



**Formation Top Depth:** 0  
**Formation End Depth:** 1  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931671788  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 1  
**Formation End Depth:** 43  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931671789  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 43  
**Formation End Depth:** 89  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 963512536  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10761719  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930358795  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 43  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 993512536  
**Pump Set At:**  
**Static Level:** 10  
**Final Level After Pumping:** 10  
**Recommended Pump Depth:** 80  
**Pumping Rate:** 20  
**Flowing Rate:**  
**Recommended Pump Rate:** 6  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934207415  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 10  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934994265  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 10  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934473516  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 10  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934735742  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 10  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933674658  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 84  
**Water Found Depth UOM:** ft

## Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial

[AGR](#)

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

**Government Publication Date: Up to Sep 2018**

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

Provincial

[AMIS](#)

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

**Government Publication Date: 1800-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: 1999-Jan 31, 2019**

### **Borehole:**

Provincial

[BORE](#)

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

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

### **Certificates of Approval:**

Provincial

[CA](#)

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

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

**Commercial Fuel Oil Tanks:**

Provincial **CFOT**

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

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

**Chemical Register:**

Private **CHEM**

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

**Government Publication Date: 1999-Jan 31, 2019**

**Compressed Natural Gas Stations:**

Private **CNG**

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

**Government Publication Date: Dec 2012 - Dec 2018**

**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 2019**

**Certificates of Property Use:**

Provincial **CPU**

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

**Government Publication Date: 1994-Feb 28, 2019**

**Drill Hole Database:**

Provincial **DRL**

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

**Government Publication Date: 1886 - Oct 2018**

**Dry Cleaning Facilities:**

Federal **DRYCLEANERS**

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

**Government Publication Date: Jan 2004-Dec 2017**

**Environmental Activity and Sector Registry:**

Provincial **EASR**

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

**Government Publication Date: Oct 2011-Feb 28, 2019**

**Environmental Registry:**

Provincial **EBR**

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

**Government Publication Date: 1994-Feb 28, 2019**

**Environmental Compliance Approval:**

Provincial **ECA**

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

**Government Publication Date: Oct 2011-Feb 28, 2019**

**Environmental Effects Monitoring:**

Federal **EEM**

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

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

**ERIS Historical Searches:**

Private **EHS**

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

**Government Publication Date: 1999-Jan 31, 2019**

**Environmental Issues Inventory System:**

Federal **EIIS**

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

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

**Emergency Management Historical Event:**

Provincial **EMHE**

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

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

**List of TSSA Expired Facilities:**

Provincial **EXP**

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

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

**Federal Convictions:**

Federal **FCON**

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

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

**Contaminated Sites on Federal Land:**

Federal

FCS

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

**Government Publication Date: Jun 2000-Oct 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial

FST

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

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

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

**Government Publication Date: 1986-Dec 31, 2018**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

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

**Government Publication Date: 2013-Dec 2016**

**TSSA Historic Incidents:**

Provincial

HINC

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

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



**TSSA Incidents:**

Provincial [INC](#)

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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

**Landfill Inventory Management Ontario:**

Provincial [LIMO](#)

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

**Government Publication Date: Sep 30, 2017**

**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\***

**Environmental Penalty Annual Report:**

Provincial [MISA PENALTY](#)

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2017**

**Mineral Occurrences:**

Provincial [MNR](#)

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

**Government Publication Date: 1846-Jan 2018**

**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, 2016**

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

Federal [NDFT](#)

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

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

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

**Government Publication Date: Mar 1999-Apr 2018**

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

Federal

NDWD

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

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

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Sep 30, 2018**

**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-May 2017**

**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-Feb 28, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OGGW

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

**Government Publication Date: 1800-May 2018**



**Inventory of PCB Storage Sites:**

Provincial [OPCB](#)

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

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

**Orders:**

Provincial [ORD](#)

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

**Government Publication Date: 1994-Feb 28, 2019**

**Canadian Pulp and Paper:**

Private [PAP](#)

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

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

**Parks Canada Fuel Storage Tanks:**

Federal [PCFT](#)

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

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

**Pesticide Register:**

Provincial [PES](#)

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

**Government Publication Date: 1988-Sep 2018**

**TSSA Pipeline Incidents:**

Provincial [PINC](#)

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

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

**Private and Retail Fuel Storage Tanks:**

Provincial [PRT](#)

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

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

**Permit to Take Water:**

Provincial [PTTW](#)

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

**Government Publication Date: 1994-Feb 28, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial [REC](#)

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

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial **RSC**

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

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

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

**Retail Fuel Storage Tanks:**

Private **RST**

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

**Government Publication Date: 1999-Jan 31, 2019**

**Scott's Manufacturing Directory:**

Private **SCT**

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

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

**Ontario Spills:**

Provincial **SPL**

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

**Government Publication Date: 1988-Dec 2018**

**Wastewater Discharger Registration Database:**

Provincial **SRDS**

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

**Government Publication Date: 1990-Dec 31, 2016**

**Anderson's Storage Tanks:**

Private **TANK**

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

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

**Transport Canada Fuel Storage Tanks:**

Federal **TCFT**

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

**Government Publication Date: 1970-Aug 2018**

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

Provincial **VAR**

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

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

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Feb 28, 2019**

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

Provincial

[WDSH](#)

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

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

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Dec 31, 2017**

# 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.

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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CITY  
**DIRECTORY**

**Project Property:** *355 Franktown, Carleton Place, Ontario*  
**Report Type:** *City Directory*  
**Order No:** *20190312160*  
**Information Source:** *Vernon's Ottawa, ON City Directory*  
**Date Completed:** *March 14, 2019*

**Environmental Risk Information Services**

A division of Glacier Media Inc.

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

<b>City Directory Information Source</b>	
Vernon's Ottawa, ON City Directory	
<b>PROJECT NUMBER:</b> 20190312160	
<b>Site Address:</b>	355 Franktown, Carleton Place, Ontario
<b>Year:</b> 2011	
<b>Site Listing:</b>	<ul style="list-style-type: none"> <li>-Beckwith Animal Hospital</li> <li>-Cash Store</li> <li>-Movie Store</li> <li>-First Choice</li> <li>-Co-Operators</li> <li>-Herbal Magic</li> <li>-M&amp;M Meat Shops</li> <li>-Century 21</li> <li>-Mac's Milk</li> </ul>
<b>Adjacent Properties:</b>	
<b>345 Franktown Road</b>	-Res (1 tenant)
<b>347 Franktown Road</b>	-Res (1 tenant)
<b>349 Franktown Road</b>	-Res (1 tenant)
<b>359 Franktown Road</b>	-Res (1 tenant)
<b>385 Franktown Road</b>	-Res (1 tenant)
<b>412 Franktown Road</b>	-Address Not Listed
<b>10 Findlay Avenue</b>	-French Catholic School
<b>21 Findlay Avenue</b>	-Address Not Listed
<b>60 Findlay Avenue</b>	-Motion Creative Printing
<b>77 Julian Street</b>	-Res (1 tenant)

<b>PROJECT NUMBER:</b> 20190312160	
<b>Site Address:</b>	355 Franktown, Carleton Place, Ontario
<b>Year:</b> 2000	
<b>Site Listing:</b>	-Beckwith Animal Hospital -Carlson Wagonlit -Co-Operators -Herbal Magic -M&M Meat Shops -Pronto Food Mart -Video House
<b>Adjacent Properties:</b>	
<b>345 Franktown Road</b>	-Res (1 tenant)
<b>347 Franktown Road</b>	-Res (1 tenant)
<b>349 Franktown Road</b>	-Res (1 tenant)
<b>359 Franktown Road</b>	-Res (1 tenant)
<b>385 Franktown Road</b>	-Res (1 tenant)
<b>412 Franktown Road</b>	-Address Not Listed
<b>10 Findlay Avenue</b>	-French Catholic School
<b>21 Findlay Avenue</b>	-Address Not Listed
<b>60 Findlay Avenue</b>	-Motion Creative Printing
<b>77 Julian Street</b>	-Res (1 tenant)

<b>PROJECT NUMBER:</b> 20190312160	
<b>Site Address:</b>	355 Franktown, Carleton Place, Ontario
<b>Year:</b> 1992	
<b>Site Listing:</b>	-Address Not Listed
<b>Adjacent Properties:</b>	
<b>345 Franktown Road</b>	-Address Not Listed
<b>347 Franktown Road</b>	-Address Not Listed
<b>349 Franktown Road</b>	-Address Not Listed
<b>359 Franktown Road</b>	-Address Not Listed
<b>385 Franktown Road</b>	-Address Not Listed
<b>412 Franktown Road</b>	-Address Not Listed
<b>10 Findlay Avenue</b>	-Address Not Listed
<b>21 Findlay Avenue</b>	-Address Not Listed
<b>60 Findlay Avenue</b>	-Address Not Listed
<b>77 Julian Street</b>	-Address Not Listed

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

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

**\*\*Carlton Place, ON is listed from 1992 to 2011 within the city directory archives\*\***



*EXP Services Inc.*

*GNCR Developments Inc.*

*Phase I Environmental Site Assessment*

*355 Franktown Road, Carleton Place, Ontario*

*OTT-00252133-A0*

*March 29, 2019*

## **Appendix D: Municipal & Provincial Records**



March 25, 2019

VIA FACSIMILE:  
416-314-4285

FOI Manager  
Freedom of Information & Protection of Privacy Office  
Ontario Ministry of the Environment  
12th Floor, 40 St. Clair Avenue West  
Toronto, Ontario M4V 1M2

Re: OTT-00252133-A0 **File Review Request**  
**355 Franktown Road, Carleton Place, Ontario**

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 355 Franktown Road, Carleton Place, Ontario. We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email ([kathy.radisch@exp.com](mailto:kathy.radisch@exp.com)) and by mail. If you have any questions, or require any further information, please do not hesitate to contact the undersigned at 613-688-1891, ext. 3296.

Yours truly,  
**exp Services Inc.**

A handwritten signature in blue ink that reads 'Kathy Radisch'.

Kathy Radisch  
Administrative Assistant  
Earth & Environment

Enclosures: FOI Form  
Credit Card Payment Form

*EXP Services Inc.*

*GNCR Developments Inc.*

*Phase I Environmental Site Assessment*

*355 Franktown Road, Carleton Place, Ontario*

*OTT-00252133-A0*

*March 29, 2019*

# **Appendix E: Photographs**



**Photograph No. 1**

View of the site looking east



**Photograph No. 2**

View of the middle of the site and rear of the building looking south



**Photograph No. 3**

View of the northern property line, looking east



**Photograph No. 4**

View of undeveloped eastern half the site, looking east. The artesian well is noted in this picture.





**Photograph No. 5**

Domestic supply well location on the site



**Photograph No. 6**

Septic system east of the building



**Photograph No. 7**

Domestic water treatment system



**Photograph No. 8**

Example of fluorescent T12 light tubes





**Photograph No. 9**

Adjacent Morrow Auto Sales lot (APEC 1)



**Photograph No. 10**

Adjacent Morrow Auto Sales lot (APEC 1)