



**Phase One Environmental
Site Assessment
841, 845, and 855 Grenon Avenue,
Ottawa, Ontario**

Client:

Building Investments Inc.
205-1320 Carling Avenue
Ottawa, Ontario
K1Z 7K8

Project Number:

OTT-00250242-A0

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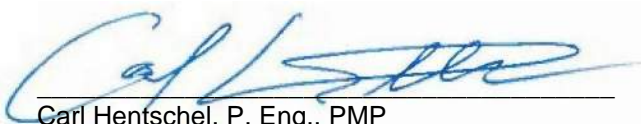
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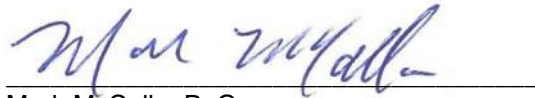
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Legal Notification

This report was prepared by EXP Services Inc. for the account of **Building Investments Inc.**

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

Executive Summary

EXP Services Inc. (EXP) was retained by Building Investments Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property referred to as 841, 845, and 855 Grenon Avenue, located in Ottawa, Ontario (Phase One Property). The purpose of this Phase One ESA was to determine if past or present site activities have resulted in actual or potential contamination at the site. EXP understands that Building Investments Inc. plans to re-develop the land as medium density residential. Consequently, this Phase One ESA will be used in support of the City of Ottawa Site Plan Approval permitting requirements and a Record of Site Condition (RSC) is not required.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended by Ontario Regulation 511/09 (O.Reg. 153/04), and in accordance with generally accepted professional practices. 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 9 of this report.

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 One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

A written response from some 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 Phase One Property is composed of three adjacent lots, each with a distinct municipal address.

- 841 Grenon Avenue Drive: (5000 ft²) Legally described as PLAN 457 PT LOT 14 COMMON; INTEREST RP 4R19561 PARTS 1 TO 4.
- 845 Grenon Avenue Drive: (1089 ft²) Legally described as CON 2 OF PT LOT 19 PLAN 457; PT LOT 14 GRENON E RP; 4R14541 PART 28.
- 855A Grenon Avenue Drive: (1112 ft²) Legally described as CON 2 OF PT LOT 19 PLAN 457; PT LOT 14 GRENON E RP; 4R14541 PART 28.

The lots are located on the east side of Grenon Avenue, south of the intersection with Carling Avenue. At the time of the investigation 841 Grenon Avenue was improved with a two-storey, single family dwelling, while the remaining two lots were undeveloped greenspace.

The surrounding area of the Phase One Property was observed to be a multi-unit residence to the north, a co-op townhouse housing complex to the south, a City of Ottawa park (Judge Park) to the east, and Grenon Avenue followed by single family residences to the west. No environmentally sensitive activities or infrastructures on the surrounding properties, present any environmental concerns to the Phase One Property. Observations pertaining to the adjacent properties were made from the boundaries of the Phase One Property.

Topographically, the Phase One Property is relatively flat. The surrounding area has a downwards slope towards the west and north. The closest body of water is the Ottawa River, 625 m to the northwest. Based on the topography, the regional groundwater flow direction is inferred to be in the northwesterly direction towards the Ottawa River.

Based on the results of the Phase One ESA completed at 841, 845, and 855 Grenon Avenue in Ottawa, no areas of potential environmental concern were identified and a Phase Two ESA is not required.

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 Building Investments Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property at 841, 845, and 855 Grenon Avenue in Ottawa, Ontario (Phase One Property). A site location plan is presented on Figure 1 in Appendix B. At the time of the investigation, the Phase One Property was owned by Building Investments Inc.

Owner Contact: Mr. Nick Legault
205-1320 Carling Avenue
Ottawa, Ontario K1Z 7K8

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended by Ontario Regulation 511/09 (O.Reg. 153/04), and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. The scope of report and third-party reliance are outlined in Section 9 of this report.

1.1 Objective

The purpose of this Phase One ESA was to determine if past or present site activities have resulted in actual or potential contamination at the Phase One Property. EXP understands that Building Investments Inc. plans to re-develop the land as medium density residential. Consequently, this Phase One ESA will be used in support of the City of Ottawa Site Plan Approval permitting requirements and a Record of Site Condition (RSC) is not required.

1.2 Phase One Property Information

The Phase One Property is composed of three adjacent lots, each with a distinct municipal address.

- 841 Grenon Avenue Drive: (5000 ft²) Legally described as PLAN 457 PT LOT 14 COMMON; INTEREST RP 4R19561 PARTS 1 TO 4.
- 845 Grenon Avenue Drive: (1089 ft²) Legally described as CON 2 OF PT LOT 19 PLAN 457; PT LOT 14 GRENON E RP;4R14541 PART 28.
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The lots are located on the east side of Grenon Avenue, south of the intersection with Carling Avenue. At the time of the investigation 841 Grenon Avenue was improved with a two-storey, single family dwelling, while the remaining two lots were undeveloped greenspace. The Phase One Property is found in an urban residential neighbourhood which is serviced by the municipal water or sanitary systems, as well as connected to the electrical and natural gas supply networks.

Topographically, the Phase One Property is relatively flat. The surrounding area has a downwards slope towards the west and north. The closest body of water is the Ottawa River, 625 m to the northwest. Based on the topography, the regional groundwater flow direction is inferred to be in the northwesterly direction towards the Ottawa River.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One Property centroid is NAD83, Zone 18, 437387.52 m E, 5022782.76 m N. The UTM coordinates were based on an estimate derived using Google Earth™. The accuracy of the centroid is estimated to range from 5 to 50 m.

2. Scope of Investigation

The scope of work for the Phase One 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 Phase One Property and surrounding properties within a 250 metre radius of the Phase One Property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One Property;
- Obtaining a search of land title and assessment rolls for the Phase One Property;
- Conducting at least one site reconnaissance of the Phase One Property and building facilities in order 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 Phase One Property and site buildings (as required by O.Reg 153/04);
- Reviewing the current use of the Phase One Property 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 Phase One Property; 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.
- EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.
- EXP personnel who conducted assessment work for this project included Carl Hentschel, P. Eng., PMP, and Mark McCalla, P. Geo. An outline of their qualifications is provided in Appendix A.

3. Records Review

3.1 Phase One ESA Study Area Determination

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

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, chain of title for the property, historical maps, and other records review, it appears that 841 Grenon Avenue was developed as single family residence prior to 1958. The lots at 845 and 855 Grenon Avenue appear to have always been undeveloped.

3.3 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.

3.4 Chain of Title

A chain of title was obtained from Read Abstracts Inc. for the Phase One Property. Based on the information gathered from the title search, the following was found:

Mr. Mustafa Elevli has been the owner of the Site since November 2005. Before 2005, the property changed hands many times dating back to September 1898. No notable environmental concerns were identified based on the title search.

Refer to Appendix C for the title search.

3.5 Previous Reports

No previous reports were provided to EXP for review.

3.6 Regulatory 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:

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

Written responses from the regulatory agencies and copies of the requests are included in Appendix C.

3.6.1 Ontario Ministry of the Environment, Conservation, and Parks 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 November 13, 2018, the MECP Environmental Bill of Rights (EBR) registry website was searched by ERIS for postings in the vicinity of the subject site using 250 m radius. No areas of potential environmental concern were identified.
- On November 13, 2018, the MECP Hazardous Waste Information Network (HWIN) database was searched by ERIS for registered waste generators in the vicinity of the subject site. No postings were listed.
- On November 13, 2018, the MECP Brownfields Registry website was searched by ERIS for postings of Records of Site Condition (RSC). No postings for the Site or for the surrounding properties were listed.

3.6.2 Municipal Records

3.6.3.1 City Hall Records

A request for the Phase One Property was made to the City of Ottawa for the Hazardous Land Use Index (HLUI). A response from the City of Ottawa has not yet been received. A copy of the request is provided in Appendix C.

3.6.3.2 City Directory Search

EXP reviewed city directories dating from 1961 to 2011 from an ERIS search of Vernon's Ottawa in order to identify the occupancy history of the Phase One Property and neighbouring properties for potential environmental concerns. A summary of some highlights of the searches is provided in Table 2 below. A copy of the city directory search is included in Appendix C.

Table 1: SUMMARY OF Directory Searches

Address	Year	Tenant	Distance relative to Site	APEC
Subject Site				
Phase One Property	1962 - 2001	Residential	-	No
Neighbouring Properties				
2910 Carling Avenue	1977 - 2001 - present	Bayview Grocery	120 m north	No, due to inferred northerly groundwater flow direction
	1957 - 1977	Residential/vacant		

Address	Year	Tenant	Distance relative to Site	APEC
2930 Carling Avenue	1981 - present	Tai chi Society, Swiss Chalet	130 m north	No, due to inferred northerly groundwater flow direction
	1962 - 1981	Freco Hydraulic service/ venetian blinds		
	1957 - 1962	Carling Amusements/Motel		

Based on a review of the city directories, none of the surrounding properties were identified as potential sources of environmental concern to the Phase One Property.

3.6.3 Land Use Documents

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

- Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario (Golder Associates, October 2004);
- Inventory of Coal Gasification Plant Waste Sites in Ontario (Intera, April 1987);
- Mapping and Assessment of Former Industrial Sites – City of Ottawa (Intera, July 1988); and,
- Ontario Inventory of PCB Storage Sites (Ontario Ministry of the Environment; 1993).

3.6.4 Old Landfill Management Strategy Phase 1 – Identification of Sites - Golder (2004)

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

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

There were no coal gasification plants identified within 250 m of the Phase One Property.

3.6.6 Mapping and Assess Former Industrial Sites – Intera (1988)

There are no Intera sites identified within 250 m of the Phase One Property.

3.6.7 Ontario Inventory of PCB Storage Sites - Ontario MOE (1993)

No records pertaining to PCB storage sites were identified within 250 m of the Phase One Property in this document.

3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the subject site and properties within 250 metres of the Phase One Property 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 D.

A summary of the noteworthy findings is provided in Table 2 below.

Table 2: Summary of ERIS Report

Location	Proximity to the Site	Description	Database	Potential Environmental Concern (Yes/No)
Site				
There were no listings for the Phase One Property.				
Surrounding Properties				
2900 Carling Avenue	120 m south	There is a 10 litre coolant spill report entry for the road at 290 Carling Avenue in 2017. It was cleaned up.	Ontario Spills (SPL)	No, due to inferred northerly groundwater direction
2881 Richmond Road	50 m southeast	Homestead Land Holdings Ltd. was a generator of aliphatic solvents and residues in June 2018.	Ontario Regulation 347 Waste Generators Summary (GEN)	No, short time frame
2880 Carling Avenue	150 m north	A 1 litre motor oil spill report in 2005.	Ontario Spills (SPL)	No, due to very small the loss and the inferred northerly groundwater direction
950 Carling Avenue	160 m west	Rexall Pharmacy is a generator of pathological wastes from 2014 to 2018. There was a minor coolant spill at this location in June 2018.	Ontario Regulation 347 Waste Generators Summary (GEN) and Ontario Spills (SPL)	No, due to the nature of the waste generation and the inferred northerly groundwater direction
2935 Richmond Road	180 m south	The residential apartment is a generator of paint residues, organic and inorganic laboratory chemicals from 2009 to 2018.	Ontario Regulation 347 Waste Generators	No, due to the minor building maintenance nature of the waste generation

Due to the nature and location of the above items in the database, no potentially contaminating activities (PCA) were identified.

3.8 Physical Setting Review

3.8.1 Aerial Photographs

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

Table 3: Development and Land Use History Summary

Aerial Photograph (year)	Details
1958	The Phase One Property is improved with a single family residence, with the same configuration as present day. Grenon Avenue is visible, as well as Carling Avenue to the north. Single family residential buildings are also observed adjacent to the north of the Phase One Property and across Grenon Avenue to the west. The land to the south is undeveloped and may have an agricultural usage based on visible foliage patterns. Adjacent to the east is an operating shallow sand pit.
1965	No changes on the Phase One Property or adjacent properties to the north, south, and west. The sand pit to the east appears to have been abandoned and bulldozed flat.
1976	No changes on the Phase One Property or adjacent properties to the north and west. The former sand pit to the east is now overgrown. The land to the south has been developed into a residential townhouse complex.
1991	No changes on the Phase One Property or adjacent properties to the west or south. The residential buildings on the properties to the north have been demolished. The former sand pit has now been developed into a park, with a tennis court.
2002	No changes on the Phase One Property or adjacent properties to the east, west or south. The properties to the north have been improved with three large, multi-unit low-rise residential buildings.
2010	No changes on the Phase One Property or adjacent properties.
2017	No changes on the Phase One Property or adjacent properties.

Based on the review of the aerial photography, APECs were not identified.

3.8.2 Geology, Hydrogeology and Topography

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

1. *Bedrock Geology of Southern Ontario* – Ontario Geological Survey. Scale 1:50,000. Electronic resource Issued 2003.
2. *Surficial Geology of Southern Ontario* – Ontario Geological Survey. Scale 1:50,000. Electronic resource Issued 2003.
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 Phase One Property is in the physiographic region known as the Rockcliffe Formation. The bedrock in the general area is composed of shale with sandstone lenses. With respect to surficial geology, beneath any fill, the site is underlain is reported as less than 5 m of glacial till deposits. It is noted that the property adjacent to the east historically was the location of a sand pit, so the surficial soils on the Phase One Property may reflect a localised sand pocket.

The local topography of the Phase One Property is relatively flat, while the area has a noticeable slope to the north and west. Regional groundwater flow direction is assumed to mimic topography in a northwesterly direction.

3.8.3 Fill Materials

While the Phase One Property had been landscaped to be level, there was no evidence that the Phase One Property has been improved with outside fill material.

3.8.4 Water Bodies and Areas of Natural Significance (ANSI)

There were no water bodies on the Phase One Property. The nearest surface water body to the Phase One Property is the Ottawa River located approximately 625 m to the northwest from the Site. The Phase One Property is not located in close proximity to an ANSI, according to the Ministry of Natural Resources Natural Heritage website.

3.8.5 Well Records

A MECP water well record from 1949 for the closest well to the Phase One Property, 60 m west, shows that bedrock was found at 9 m from surface. The overburden consists of sand and sandy clay from the ground surface to the bedrock. Bedrock in the area was identified as being limestone.

3.9 Site Operating Records

No site operating records were available for review.

3.10 Summary of Records Review

Based on a review of the available records, PCAs were not 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 Phase One Property.

No informed parties were available to be interviewed during this assessment.

5. Site Reconnaissance

5.1 General Requirements

On November 8, 2018, Mr. Carl Hentschel of EXP conducted the site visit for the property. The site visit was conducted 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 Phase One Property.

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 11:00h. The temperature was approximately 1°C and overcast. Adjoining properties were observed from within the grounds of the Phase One Property.

The site building was boarded up at the time of the site visit, though the cover on one doorway had been breached. Based on visual assessment, the building was determined to be unsafe to enter due to extensive water damage and structural decay. All observations made about this building were done from the exterior.

Mr. Hentschel was accompanied by the Client during the site visit. Photographs were taken at the Phase One Property on November 8, 2018 and are included in Appendix E.

5.2 Specific Observations at Phase One ESA Property

5.2.1 Site Description and Buildings

The Phase One Property is composed of three adjacent lots, each with a municipal address.

- The western-most lot (841 Grenon Avenue) is improved with a two-storey tall, wood framed residential building with a basement and concrete foundation. This building is presently abandoned. The remaining parts of the Site include a gravel-paved driveway and grass covered landscape area.
- The eastern lot (845 Grenon Avenue) is an undeveloped, grass covered lot.
- The southeastern lot (855A Grenon Avenue) is an undeveloped, grass covered lot

The Phase One Property has an area of 0.067 hectares and slopes gently to the south.

5.2.2 Heating and Cooling Systems

The method of heating within the site building could not be determined as it could not be entered safely. However, based on the observations of a natural-gas inlet pipe on the southern exterior wall and the metal chimney insert, it is surmised the most recent method of heating was a natural-gas fired furnace or boiler.

5.2.3 Site Utilities and Services

The site utilities and services identified at the Phase One Property are summarized in the table below:

Table 3: Summary of Utilities

Utility	Source
Potable Water	Municipal system
Propane (heating source)	Enbridge
Sanitary System	Municipal system
Storm Water	Municipal system, via roadway drains
Electricity	Hydro Ottawa

5.2.4 Site Use

At the time of the investigation, the Phase One Property was occupied by a vacant single-family residence.

5.2.5 Drains, Pits and Sumps

No drains, pits, or sumps were on the Phase One Property.

5.2.6 Storage Tanks**5.2.6.1 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 Phase One Property.

5.2.6.2 Aboveground Storage Tanks

EXP did not observe any aboveground storage tanks (AST) during the site reconnaissance. No visual evidence such as spill pads or cradles were observed at the Phase One Property.

5.2.7 Chemical Storage and Handling and Floor Condition

No chemicals were observed at the Phase One Property.

5.2.8 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of stained soil, pavement or stressed vegetation were observed on the Phase One Property.

5.2.9 Fill, Debris and Methane

The Phase One Property is similar in elevation to the surrounding properties. No fill or debris was observed at the Site. There are no sources of methane at the surface of the Phase One Property.

5.2.10 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. According to the Environmental Protection Act (EPA), a Certificate of Approval (CofA) – now replaced by an Environmental Compliance Approval (ECA) (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 (now ECA) was added to the EPA. Unless explicitly exempted, most industrial processes or modifications to industrial processes and equipment require an ECA. The EPA provides a list of specific equipment and conditions, which are exempt from ECA (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 air emissions concerns were identified at the time of the site visit.

5.2.11 Odours

No strong odours were detected during the site visit.

5.2.12 Noise

No excessive noise was detected during the site visit.

5.2.13 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. 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 and pipe insulation. 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 Phase One Property (constructed pre-1958), it is EXP's opinion that there is a potential for ACMs to be present within the site building. The observation of what appeared to be exterior transite-cladding reinforces this conclusion. EXP did not conduct any sampling for asbestos during the site reconnaissance.

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 tinsplate 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 Phase One Property (constructed pre-1958), it is EXP's opinion that there is a potential for LBPs to be contained within the site building. The painted surfaces noted during EXP's site visit were observed to be in good condition.

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. Based on the age of the building (constructed pre-1958), there is a potential for mercury containing paints to be present at the Phase One Property.

5.2.13.4 Polychlorinated Biphenyls (PCBs)

The manufacture of 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 Phase One Property was conducted to evaluate the potential presence of PCBs-containing equipment in use or stored at the Phase One Property. Potential sources of PCBs were not observed during the site visit.

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 1977 and the further use of UFFI was banned in Canada in 1980.

No evidence of UFFI was observed during the site visit.

5.2.13.6 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes 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 Becquerel's per cubic metre (Bq/m³). Where radon gas is present and the annual radon concentration exceeds 200 Bq/m³ 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 Phase One Property is shale with sandstone lenses. Based on the rock type, radon gas is likely not a concern.

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 a food source (i.e. gypsum wallboard, wallpaper, wood, etc.) combined with moist conditions. Mould can have an impact on human health depending on the species and concentration of the airborne mould spores. 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 titled "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.

Observations made of the building interior through an open doorway found evidence of very significant water damage and mould growth.

5.2.13.8 Other Substances

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

5.2.14 Processing and Manufacturing Operations

No processing or manufacturing operations were observed or reported to have been conducted at the Phase One Property.

5.2.15 Hazardous Materials Use and Storage

No hazardous materials are used or stored at the Phase One Property.

5.2.16 Vehicle and Equipment Maintenance Areas

Vehicle and equipment maintenance areas were not observed at the Phase One Property.

5.2.17 Oil/Water Separators

No oil water separators are present at the Phase One Property.

5.2.18 Sewage and Wastewater Disposal

Sewage generated at the Phase One Property is handled by the municipal system.

5.2.19 Solid Waste Generation, Storage & Disposal

No solid wastes are generated presently at the Phase One Property.

5.2.20 Liquid Waste Generation, Storage & Disposal

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

5.2.21 Unidentified Substances

No unidentified substances were observed on the Phase One Property at the time of the site visit. No dumping or any other deleterious materials were identified.

5.2.22 Hydraulic Lift Equipment

No hydraulic equipment was observed the Phase One Property.

5.2.23 Mechanical Equipment

No mechanical equipment of concern was present on the Phase One Property.

5.2.24 Abandoned and Existing Wells

No wells were observed on the Phase One Property.

5.2.25 Roads, Parking Facilities and Right of Ways

Access to the Phase One Property is via Grenon Avenue.

5.3 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One Property 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 Phase One Property:

- North: Residential;
- East: City of Ottawa parkland;
- West: Residential;
- South: Residential.

The neighbouring properties are not considered to have caused any environmental concern to the Phase One Property.

5.4 Summary of Site Reconnaissance

Based on the site reconnaissance, no PCAs or APECs to the Phase One Property were identified.

6. Phase One ESA Conceptual Site Model

6.1 Current and Past Uses

Based on a review chain of title information, air photos, and other records, the Phase One Property had been developed as residential since before 1958.

6.2 Summary of Potentially Contaminating Activities

As per Ontario Regulation (O.Reg.) 153/04, a Potential Contaminating Activity (PCA) is defined as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in a Phase One study area. The following PCAs were identified:

No PCAs were identified.

6.3 Areas of Potential Environmental Concern

No areas of potential concern were identified at the Phase One Property as a result of the PCAs.

It is noted that any significant uncertainty or absence of information has the ability to affect the Phase One Conceptual Site Model. However, based on the information and findings presented within the Phase One ESA, it is EXP's opinion that any uncertainty would be minimal, and it would not alter the validity of the model presented above.

6.4 Site Characteristics

In order to develop a conceptual model for the Phase One Property and surrounding study area, the following physical characteristics and pathways were considered. A conceptual site model showing the inferred groundwater flow direction and general site is shown in Figure 3 in Appendix B.

6.4.1 Subsurface Stratigraphy

The bedrock in the general area is composed of shale with sandstone lenses of the Rockcliffe Formation. With respect to surficial geology, beneath any fill, the site is underlain is reported as less than 5 m of glacial till deposits.

6.4.2 Estimated Groundwater Flow Direction

Topographically, the Phase One Property is relatively flat. The surrounding area has a downwards slope towards the west and north. The closest body of water is the Ottawa River, 625 m to the northwest. Based on the topography, the regional groundwater flow direction is inferred to be in the northwesterly direction towards the Ottawa River.

6.4.3 Underground Utilities

Currently, the underground utilities at the Phase One Property include water, sewage, natural gas, electricity, and telephone.

7. Findings and Recommendations

Based on the results of the Phase One ESA completed at 841, 845, and 855 Grenon Avenue in Ottawa, no areas of potential environmental concern were identified and a Phase Two ESA is not required.

8. 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. Department of Energy Mines and Resources, Surveys and Mapping Branch; 1976; *Ottawa Map 31 G/5, Scale 1:50,000*.
4. Geological Survey of Canada; 1982; *Generalized Bedrock Geology – Ottawa-Hull, Ontario-Quebec: Map 1508A. Scale 1:50,000*.
5. Geological Survey of Canada; 1976; *Surficial Geology – Ottawa, Ontario: Map 1507A. Scale 1:50,000*.
6. Golder Associates Inc.; October 2004; *Old Landfill Management Strategy, City of Ottawa*.
7. Intera Technologies Ltd.; July 1998; *Mapping and Assessment of Former Industrial Sites, City of Ottawa*.
8. Ministry of Labour (MOL); *Occupational Health and Safety Act*.
9. Ontario Ministry of the Environment, *Environmental Registry website* (www.ene.gov.on.ca/envision/env_reg/ebr/english/index.htm)
10. Ontario Ministry of the Environment; 1993- 2003-2004; *Ontario Inventory of PCB Storage Sites*.
11. Ontario Ministry of the Environment; *Brownfields Registry website* (www.ene.gov.on.ca/environet/BESR/index.htm)
12. Ontario Ministry of the Environment; *Hazardous Waste Information Network website* (www.hwin.ca).
13. Ontario Ministry of the Environment; November 1988; *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*.
14. Ontario Ministry of the Environment, Waste Management Branch; June 1991; *Waste Disposal Site Inventory*.
15. Ontario Ministry of the Environment and Intera Technologies Ltd.; June 1991; *Inventory of Coal Gasification Plant Waste Sites in Ontario*;
16. Ontario Ministry of Natural Resources, Natural Heritage website (www.mnr.gov.on.ca/MNR/nhic/areas.cfm).
17. Technical Standards and Safety Authority; May 2007; *Environmental Management Protocol for Fuel Handling Sites in Ontario*.

9. 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.

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 Building Investments Inc. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by Building Investments Inc. 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 and in accordance with the MOE Reg. 511 standard. 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 Building Investments Inc., communications between EXP and Building Investments Inc., other reports, proposals or documents prepared by EXP for Building Investments Inc. 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.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of Building Investments Inc. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with Building Investments Inc. current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

We trust this report satisfies your immediate requirements. If you have any questions regarding the information in this report, please do not hesitate to contact this office.

EXP Services Inc.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 2019

Appendices



EXP Services Inc.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 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.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 2019

Appendix B: Figures





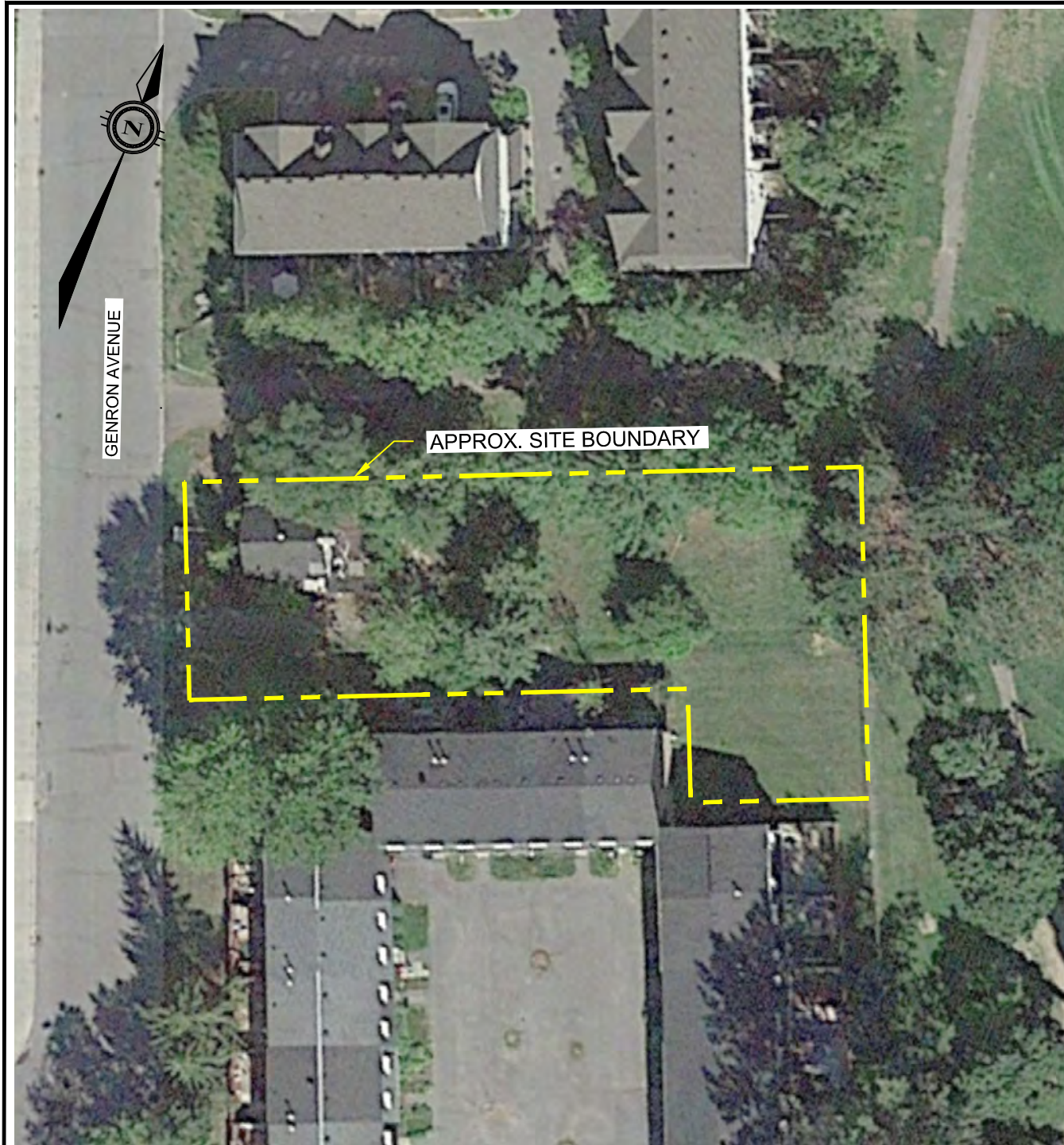
BACKGROUND MAP DATA © 2010,
MAP ART PUBLISHING CORP.



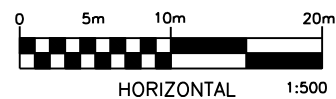
exp Services Inc. www.exp.com
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE NOV. 2018	CLIENT: BUILDING INVESTMENTS INC.	project no. OTT-00250242-A0
DESIGN C.H.	CHECKED M.M.	scale 0:000
DRAWN BY M.N.	TITLE: SITE LOCATION PLAN PHASE I ESA, 841 GRENON AVE., OTTAWA, ON	FIG 1

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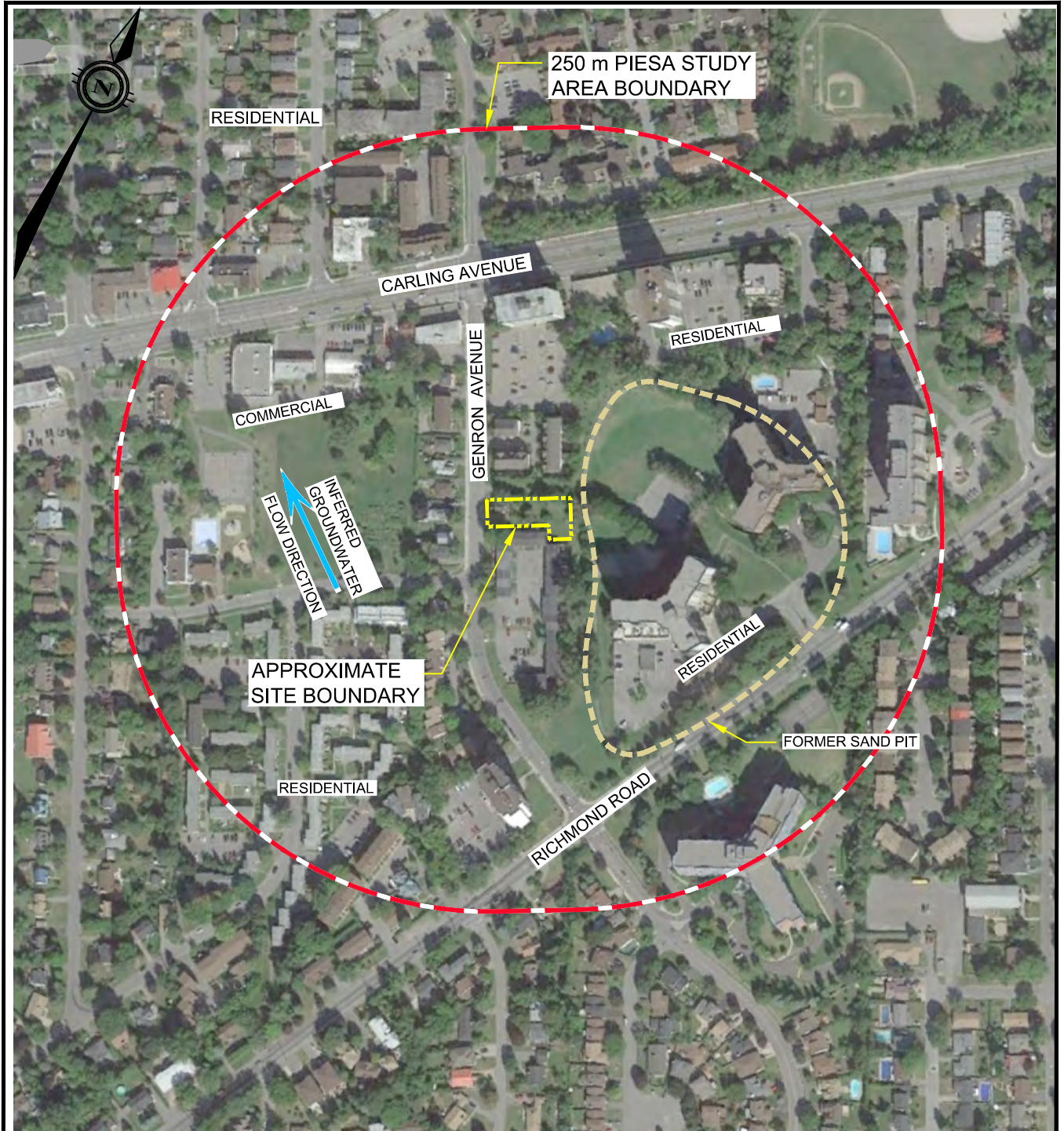
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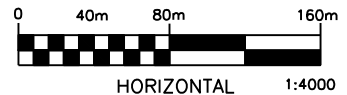
exp Services Inc. www.exp.com
 t: +1.613.688.1899 | f: +1.613.225.7337
 2650 Queensview Drive, Suite 100
 Ottawa, ON K2B 8H6, Canada

DATE NOV. 2018		CLIENT: BUILDING INVESTMENTS INC.	project no. OTT-00250242-A0
DESIGN C.H.	CHECKED M.M.		scale 1:500
DRAWN BY M.N.		TITLE: SITE PLAN PHASE I ESA, 841 GRENON AVE., OTTAWA, ON	
		FIG 2	

Filename: r:\250000\250000\250242-a0 piesa, 841 grenon ave, ottawa\250242-a0 fig 1-3 phase 1.dwg
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 Plotted by: RevellJ



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 t: +1.613.688.1899 | f: +1.613.225.7337
 2650 Queensview Drive, Suite 100
 Ottawa, ON K2B 8H6, Canada

DATE NOV. 2018		CLIENT: BUILDING INVESTMENTS INC.		project no. OTT-00250242-A0
DESIGN C.H.	CHECKED M.M.	TITLE: PHASE ONE STUDY AREA PHASE I ESA, 841 GRENON AVE., OTTAWA, ON		scale 1:4000
DRAWN BY M.N.				FIG 3

EXP Services Inc.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 2019

Appendix C: Title Search, Municipal & Provincial Records





READ Abstracts Limited

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

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

EXP Services

Attn: Kathy

BRIEF DESCRIPTION OF LAND:

841, 845, and 855A Grenon Ave., Ottawa

Part of Lot 14, Plan 457, as in CR321404; Part of Lot 14, Plan 457, being Parts 1 and 2 on 4R19561; Part of Lot 14, Plan 457, being Part 3 on 4R19561

PIN: 03943-0042 (841 Grenon)

03943-0085 (845 Grenon)

09394-0114 (855 A Grenon)

LAST REGISTERED OWNER: ELEVLI, Mustafa

CHAIN OF TITLE:

Lot 19, Concession 2 OF Nepean

Plan 190 registered Sep 14, 1898

By T. W. McDermott and R. P. Robinson

Deed RO651 registered Sep 25, 1833

From Robert Richey to William bell

Deed RO1360 registered Oct 17, 1844

From William bell to John Bell

Deed NP18574 registered Jun 3, 1900

From john Bell to George Bell and peter Bell

Deed NP46621 registered Feb 15, 1953

From estate of George Bell and Peter bell to William S. H. Wilson

Deed NP473545 registered May 17, 1940
From William S. H. Wilson to Douglas C. MacMillan

Deed NP48808 registered Dec 5, 1941
From Douglas MacMillan to Joseph Bouchard

Deed NP48809 registered Dec 5, 1941
From Joseph Bouchard to Maida Patenaud

Deed NP49548 registered Sep 8, 1942
From William S. H. Wilson to Joseph V. Grenon

Deed NP52103 registered Oct 25, 1944
From Maida Patenaude to Joseph V. Grenon

Plan 457 registered May 6, 1946
By Joseph V. Grenon

Lot 14, Plan 457

Deed NP55111 registered Jun 26, 1946
From Joseph V. Grenon to Eugene Desormeaux

Deed CR289410 registered Mar 12, 1951
From Eugene Desormeaux to Joseph V. Grenon

Deed CR289799 registered Mar 29, 1951
From Eugene Desormeaux to Aldeneige Desormeaux

Deed CR304042 registered Apr 16, 1952
From Aldeneige Desormeaux to Jacob and Yvette Ostrouski

Deed CR321404 registered May 18, 1954
From Jacob and Yvette Ostrouski to Elzear and Jeannette Dinelle

Deed CR585335 registered Dec 22, 1970
From estate of Joseph V. Grenon to Thoric Investments Limited, George Astendosfer Limited, and Charles and Elsie Elvins

Deed CR589835 registered April 22, 1971
From Thoric Investments Limited, George Astendosfer Limited, and Charles and Elsie Elvins to Mast Builders Limited

Deed CR605704 registered Feb 2, 1972
From Mast Builders Limited to Karl B. Karsen

Deed CR630758 registered May 15, 1973
From Karl B. Larsen to Heng L. G. Lee

Deed NS195625 registered Jun 21, 1983
From Heng L. G. Lee to Serafino Savasta and Rino Mazza

Deed LT1160774 registered Nov 2, 1998
From Serafino Savasta and Rino Mazza to Devmax Inc.

Deed OC14783 registered Nov 2, 2001
From Elzear and Jeannette Dinelle to 1470303 Ontario Inc.

Deed OC362453 registered Jul 29, 2004
From Devmax Inc. to 1470303 Ontario Inc.

Deed OC529887 registered Nov 2, 2005
From 1470303 Ontario Inc. to Mustafa Elevli



CITY OF OTTAWA

INVOICE / FACTURE

Invoice Number /
Numéro de la facture

00180-2019

Application Number /
Numéro de la demande

D06-03-18-0004

Date

2019-Jan-08

Fee Description / Description des frais

Historical Land Use Inventory

102.00

Invoice Total / total de la facture

102.00



Notes / notes

Location / emplacement

841 GRENON AVE

Invoiced To / facturé à

MCCALLA, MARK
2650 QUEENSVIEW DR
100
OTTAWA, ON
K2B8H6

OTT-00250242-80

MARK MCCALLA

City Directory Information Source	
Vernon's Ottawa, ON, City Directory	
PROJECT NUMBER: 20181107081	
Site Address:	841 Grenon Avenue, Ottawa, Ontario
Year: 2011	
Site Listing:	-Address not listed
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Multi tenant residential
2880 Carling Avenue	-Multi tenant residential -Timbercreek asset mgmt. -Pure dance Ottawa
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Food frenz
2920 Carling Avenue	-Ceylonta rest.
2924 Carling Avenue	-Reettes foods
2930 Carling Avenue	-Tai chi society -Cara operations -Swiss chalet
2955 Michele Drive	-Community centres
2881 Richmond Road	-Multi tenant residential -Dream catcher residential
Year: 2006/2007	
Site Listing:	-Address not listed
Adjacent Properties:	
820 Grenon Avenue	-Address not listed
2850 Carling Avenue	-Multi tenant residential
2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Food frenz

2920 Carling Avenue	-Address not listed
2924 Carling Avenue	-Reettes foods
2930 Carling Avenue	-Swiss chalet
2955 Michele Drive	-Address not listed
2881 Richmond Road	-Multi tenant residential -Premstar metering inc.
Year: 2001/2002	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Multi tenant residential
2880 Carling Avenue	-Multi tenant residential -Sunset heights
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Sak's fine foods
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Reettes foods
2930 Carling Avenue	-Swiss chalet
2955 Michele Drive	-Community ctr.
2881 Richmond Road	-Multi tenant residential
Year: 1996/97	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Multi tenant residential
2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Bayview groceteria
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Redi chef
2930 Carling Avenue	-Address not listed
2955 Michele Drive	-Community ctr.
2881 Richmond Road	-Multi tenant residential

Year: 1992	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Multi tenant residential
2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Bayview groceteria
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Address not listed
2930 Carling Avenue	-Address not listed
2955 Michele Drive	-Community ctr.
2881 Richmond Road	-Multi tenant residential -Shelter corp of can. -Regional office
Year: 1987	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
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2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Bayview groceteria
2920 Carling Avenue	-Address not listed
2924 Carling Avenue	-Vacant
2930 Carling Avenue	-Swiss chalet
2955 Michele Drive	-Address not listed
2881 Richmond Road	-Multi tenant residential -Shelter corp of can. -Regional office
Year: 1981/82	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Address not listed

2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Bayview groceteria
2920 Carling Avenue	-Address not listed
2924 Carling Avenue	-Shangrila rest.
2930 Carling Avenue	-Swiss chalet
2955 Michele Drive	-Address not listed
2881 Richmond Road	-Multi tenant residential
Year: 1977/78	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Multi tenant residential
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Bayview groceteria
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Shangrila rest.
2930 Carling Avenue	-Address not listed
2955 Michele Drive	-Address not listed
2881 Richmond Road	-Address not listed
Year: 1972	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Address not listed
2900 Carling Avenue	-Multi tenant residential
2910 Carling Avenue	-Res (1 tenant)
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Shangrila rest.
2930 Carling Avenue	-Freco hydraulic svc
2955 Michele Drive	-Address not listed
2881 Richmond Road	-Address not listed

Year: 1967	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Res (1 tenant)
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Address not listed
2900 Carling Avenue	-Address not listed
2910 Carling Avenue	-Res (1 tenant)
2920 Carling Avenue	-Humar sales -Couture tom & Co
2924 Carling Avenue	-Address not listed
2930 Carling Avenue	-Vacant
2955 Michele Drive	-Not built on
2881 Richmond Road	-Address not listed
Year: 1962	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
820 Grenon Avenue	-Address not listed
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Address not listed
2900 Carling Avenue	-Address not listed
2910 Carling Avenue	-Vacant
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Res (1 tenant)
2930 Carling Avenue	-Freco hydraulic svc -Connor venetian blinds
2955 Michele Drive	-Street not listed
2881 Richmond Road	-Address not listed
Year: 1957	
Site Listing:	-Address not listed
Adjacent Properties:	
820 Grenon Avenue	-Address not listed
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Address not listed

2900 Carling Avenue	-Address not listed
2910 Carling Avenue	-Res (1 tenant)
2920 Carling Avenue	-Res (1 tenant)
2924 Carling Avenue	-Res (1 tenant)
2930 Carling Avenue	-Carling amusement ctr. - Alice wonderland motel
2955 Michele Drive	-Street not listed
2881 Richmond Road	-Address not listed
Year: 1952	
Site Listing:	-Address not listed
Adjacent Properties:	
820 Grenon Avenue	-Address not listed
2850 Carling Avenue	-Address not listed
2880 Carling Avenue	-Address not listed
2900 Carling Avenue	-Address not listed
2910 Carling Avenue	-Address not listed
2920 Carling Avenue	-Address not listed
2924 Carling Avenue	-Address not listed
2930 Carling Avenue	-Address not listed
2955 Michele Drive	-Street not listed
2881 Richmond Road	-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



November 7, 2018

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-00250242-A0 **File Review Request**
 841 Grenon Avenue, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 841 Grenon Avenue, Ottawa, 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) 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". The signature is fluid and cursive, with the first name "Kathy" and last name "Radisch" clearly distinguishable.

Kathy Radisch
Administrative Assistant
Earth & Environment

Enclosures: FOI Form
 Credit Card Payment Form

EXP Services Inc.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 2019

Appendix D: EcoLog Reports





DATABASE REPORT

Project Property: *Phase I ESA - Grenon Avenue
841 Grenon
Ottawa ON K2B 6G1
OTT-00250242-A0*

Project No: *OTT-00250242-A0*

Report Type: *Standard Report*

Order No: *20181107081*

Requested by: *exp Services Inc.*

Date Completed: *November 13, 2018*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: *Phase I ESA - Grenon Avenue
841 Grenon Ottawa ON K2B 6G1*

Project No: *OTT-00250242-A0*

Coordinates:

Latitude: *45.355744*
Longitude: *-75.799671*
UTM Northing: *5,022,781.26*
UTM Easting: *437,364.92*
UTM Zone: *UTM Zone 18T*

Elevation: *242 FT
73.88 M*

Order Information:

Order No: *20181107081*
Date Requested: *November 7, 2018*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

City Directory Search *CD - Subject Site plus 10 Adjacent Properties*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	8	8
CA	Certificates of Approval	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DRYCLEANERS	Dry Cleaning Facilities	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	14	14
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	10	10
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	4	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	10	10
Total:			0	48	48

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	WWIS		lot 19 con 2 ON Well ID: 1504039	WNW/76.1	-3.00	<u>20</u>
<u>2</u>	BORE		ON	SW/80.3	-4.12	<u>22</u>
<u>2</u>	WWIS		ON Well ID: 1508223	SW/80.3	-4.12	<u>23</u>
<u>3</u>	SPL	Ottawa Transit<UNOFFICIAL>	2900 Carling Avenue Ottawa ON	N/104.8	0.52	<u>26</u>
<u>4</u>	EHS		2926 Michele Ave Ottawa ON	SSW/119.6	-3.31	<u>26</u>
<u>5</u>	WWIS		ON Well ID: 1508222	WNW/125.0	-6.00	<u>26</u>
<u>6</u>	EHS		2881 RICHMOND ROAD OTTAWA ON K2B 8J5	ESE/136.7	6.00	<u>29</u>
<u>6</u>	EHS		2881 Richmond Rd Ottawa ON K2B8J5	ESE/136.7	6.00	<u>29</u>
<u>6</u>	EHS		2881 Richmond Rd Ottawa ON K2B8J5	ESE/136.7	6.00	<u>30</u>
<u>7</u>	EHS		2930 Carling Avenue Ottawa ON K2B 7J7	WNW/147.2	-6.31	<u>30</u>
<u>8</u>	EHS		2880 & 2900 Carling Avenue Ottawa ON	NNW/155.7	-2.76	<u>30</u>
<u>9</u>	EHS		2924 Carling Avenue Ottawa ON K2B 7J7	NW/156.7	-6.00	<u>30</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	GEN	HOMESTEAD LAND HOLDINGS LTD	2881 RICHMOND RD OTTAWA ON K2B7Z4	ESE/160.9	5.97	<u>31</u>
<u>11</u>	SPL	City of Ottawa	Carling Street / Ritchie Street<UNOFFICIAL> Ottawa ON	NNW/170.9	-4.05	<u>31</u>
<u>12</u>	BORE		ON	WSW/172.8	-5.97	<u>31</u>
<u>13</u>	BORE		ON	NNE/173.7	6.00	<u>32</u>
<u>14</u>	WWIS		lot 19 con 2 ON Well ID: 1504038	SSE/180.2	6.20	<u>33</u>
<u>15</u>	BORE		ON	NE/182.3	6.00	<u>36</u>
<u>16</u>	BORE		ON	WSW/186.4	-6.69	<u>36</u>
<u>17</u>	SPL	Sunset Heights Apartments<UNOFFICIAL>	2880 Carling Avenue Ottawa ON K2B 7Z1	NNE/189.5	7.42	<u>36</u>
<u>18</u>	GEN	Timbercreek Asset Management	2880 Carling Avenue Ottawa ON	NNE/192.0	7.42	<u>37</u>
<u>19</u>	BORE		ON	SW/193.2	-5.97	<u>37</u>
<u>20</u>	BORE		ON	WSW/197.2	-6.69	<u>38</u>
<u>21</u>	EHS		2929 Carling Avenue Ottawa ON K2B 8E7	NW/198.3	-6.88	<u>38</u>
<u>22</u>	GEN	Rexall Pharmacy Group Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W/202.3	-8.11	<u>38</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>22</u>	GEN	Pharma Plus Drugmarts Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W/202.3	-8.11	<u>39</u>
<u>22</u>	GEN	Pharma Plus Drugmarts Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W/202.3	-8.11	<u>39</u>
<u>22</u>	GEN	Rexall Pharmacy Group Ltd.	2950 Carling Avenue Ottawa ON K2B 7J7	W/202.3	-8.11	<u>39</u>
<u>22</u>	SPL		2950 Carling Avenue Ottawa ON	W/202.3	-8.11	<u>40</u>
<u>23</u>	EHS		2934, 2936, 2942 Carling Ave Ottawa ON	WNW/203.4	-7.00	<u>40</u>
<u>24</u>	WWIS		lot 19 con 1 ON Well ID: 1503861	NW/205.0	-6.88	<u>40</u>
<u>25</u>	GEN	H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON	SSE/212.8	6.92	<u>43</u>
<u>25</u>	GEN	H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON K2B 8C9	SSE/212.8	6.92	<u>43</u>
<u>25</u>	GEN	H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON K2B 8C9	SSE/212.8	6.92	<u>43</u>
<u>26</u>	ECA	2930 Carling Inc.	Ottawa ON M5M 3Z5	WNW/213.5	-8.08	<u>44</u>
<u>27</u>	WWIS		lot 19 con 1 ON Well ID: 1503860	NW/214.9	-6.88	<u>44</u>
<u>28</u>	BORE		ON	NW/219.8	-7.05	<u>46</u>
<u>28</u>	WWIS		lot 19 con 1 ON	NW/219.8	-7.05	<u>47</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1503859			
29	EHS		Riga Private Ottawa ON	NW/229.4	-7.05	50
30	SCT	Familiar Faces Engraving Ltd.	2951 Carling Ave Ottawa ON K2B 8K6	WNW/233.1	-8.06	50
31	EHS		109 Doane St Ottawa ON K2B6G8	NW/234.1	-7.05	50
31	EHS		109 Doane St Ottawa ON K2B6G8	NW/234.1	-7.05	51
32	WWIS		ON Well ID: 1508099	NW/235.8	-8.00	51
33	EHS		2950 Carling Avenue Ottawa ON K2B 7J7	W/237.6	-7.91	53
33	EHS		2950 Carling Avenue Ottawa ON K2B 7J7	W/237.6	-7.91	53
33	GEN	2930 Carling Inc.	2950 Carling Ave. Ottawa ON K2B 7J7	W/237.6	-7.91	54
34	WWIS		ON Well ID: 1507996	W/239.5	-7.94	54
35	WWIS		ON Well ID: 1507995	N/241.2	-6.17	56

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 8 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NNE	173.74	<u>13</u>

ON	NE	182.30	<u>15</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ON	SW	80.29	<u>2</u>	

ON	WSW	172.76	<u>12</u>
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ON	WSW	186.44	<u>16</u>
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ON	SW	193.19	<u>19</u>
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ON	WSW	197.18	<u>20</u>
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ON	NW	219.77	<u>28</u>
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ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Sep 30, 2018 has found that there are 1 ECA site(s) within approximately 0.25

kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2930 Carling Inc.	Ottawa ON M5M 3Z5	WNW	213.53	<u>26</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2018 has found that there are 14 EHS 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>
	2881 Richmond Rd Ottawa ON K2B8J5	ESE	136.67	<u>6</u>
	2881 Richmond Rd Ottawa ON K2B8J5	ESE	136.67	<u>6</u>
	2881 RICHMOND ROAD OTTAWA ON K2B 8J5	ESE	136.67	<u>6</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2926 Michele Ave Ottawa ON	SSW	119.64	<u>4</u>
	2930 Carling Avenue Ottawa ON K2B 7J7	WNW	147.19	<u>7</u>
	2880 & 2900 Carling Avenue Ottawa ON	NNW	155.70	<u>8</u>
	2924 Carling Avenue Ottawa ON K2B 7J7	NW	156.65	<u>9</u>
	2929 Carling Avenue Ottawa ON K2B 8E7	NW	198.32	<u>21</u>

2934, 2936, 2942 Carling Ave Ottawa ON	WNW	203.36	23
Riga Private Ottawa ON	NW	229.43	29
109 Doane St Ottawa ON K2B6G8	NW	234.14	31
109 Doane St Ottawa ON K2B6G8	NW	234.14	31
2950 Carling Avenue Ottawa ON K2B 7J7	W	237.62	33
2950 Carling Avenue Ottawa ON K2B 7J7	W	237.62	33

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-June 30, 2018 has found that there are 10 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HOMESTEAD LAND HOLDINGS LTD	2881 RICHMOND RD OTTAWA ON K2B7Z4	ESE	160.93	10
Timbercreek Asset Management	2880 Carling Avenue Ottawa ON	NNE	191.98	18
H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON	SSE	212.80	25
H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON K2B 8C9	SSE	212.80	25
H.E. Reinert Holdings Corporation	2935 Richmond Road Ottawa ON K2B 8C9	SSE	212.80	25

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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Rexall Pharmacy Group Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W	202.30	22
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Pharma Plus Drugmarts Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W	202.30	22
---------------------------	--	---	--------	--------------------

Pharma Plus Drugmarts Ltd	2950 Carling Avenue Ottawa ON K2B 7J7	W	202.30	22
---------------------------	--	---	--------	--------------------

Rexall Pharmacy Group Ltd.	2950 Carling Avenue Ottawa ON K2B 7J7	W	202.30	22
----------------------------	--	---	--------	--------------------

2930 Carling Inc.	2950 Carling Ave. Ottawa ON K2B 7J7	W	237.62	33
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SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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Familiar Faces Engraving Ltd.	2951 Carling Ave Ottawa ON K2B 8K6	WNW	233.08	30
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SPL - Ontario Spills

A search of the SPL database, dated 1988-Jul 2018 has found that there are 4 SPL 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>
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Ottawa Transit<UNOFFICIAL>	2900 Carling Avenue Ottawa ON	N	104.84	3
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Sunset Heights Apartments<UNOFFICIAL>	2880 Carling Avenue Ottawa ON K2B 7Z1	NNE	189.54	17
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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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City of Ottawa	Carling Street / Ritchie Street<UNOFFICIAL> Ottawa ON	NNW	170.93	11
	2950 Carling Avenue Ottawa ON	W	202.30	22

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 10 WWIS site(s) within approximately 0.25 kilometers of the project property.

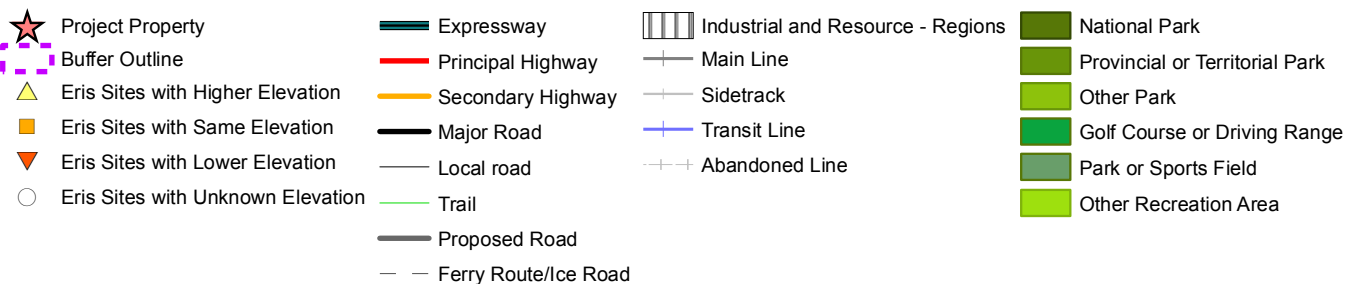
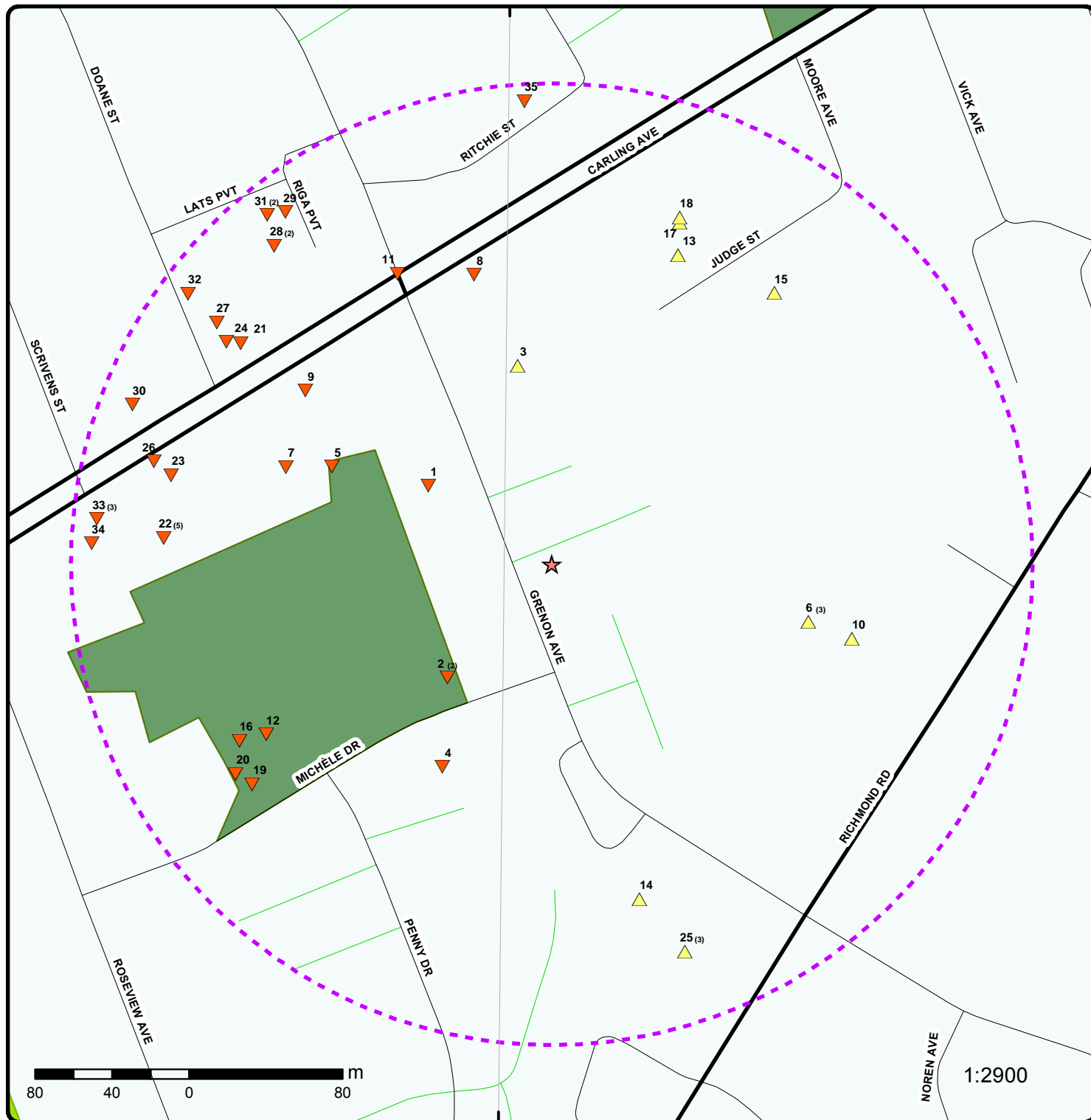
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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lot 19 con 2 ON	SSE	180.17	14
Well ID: 1504038			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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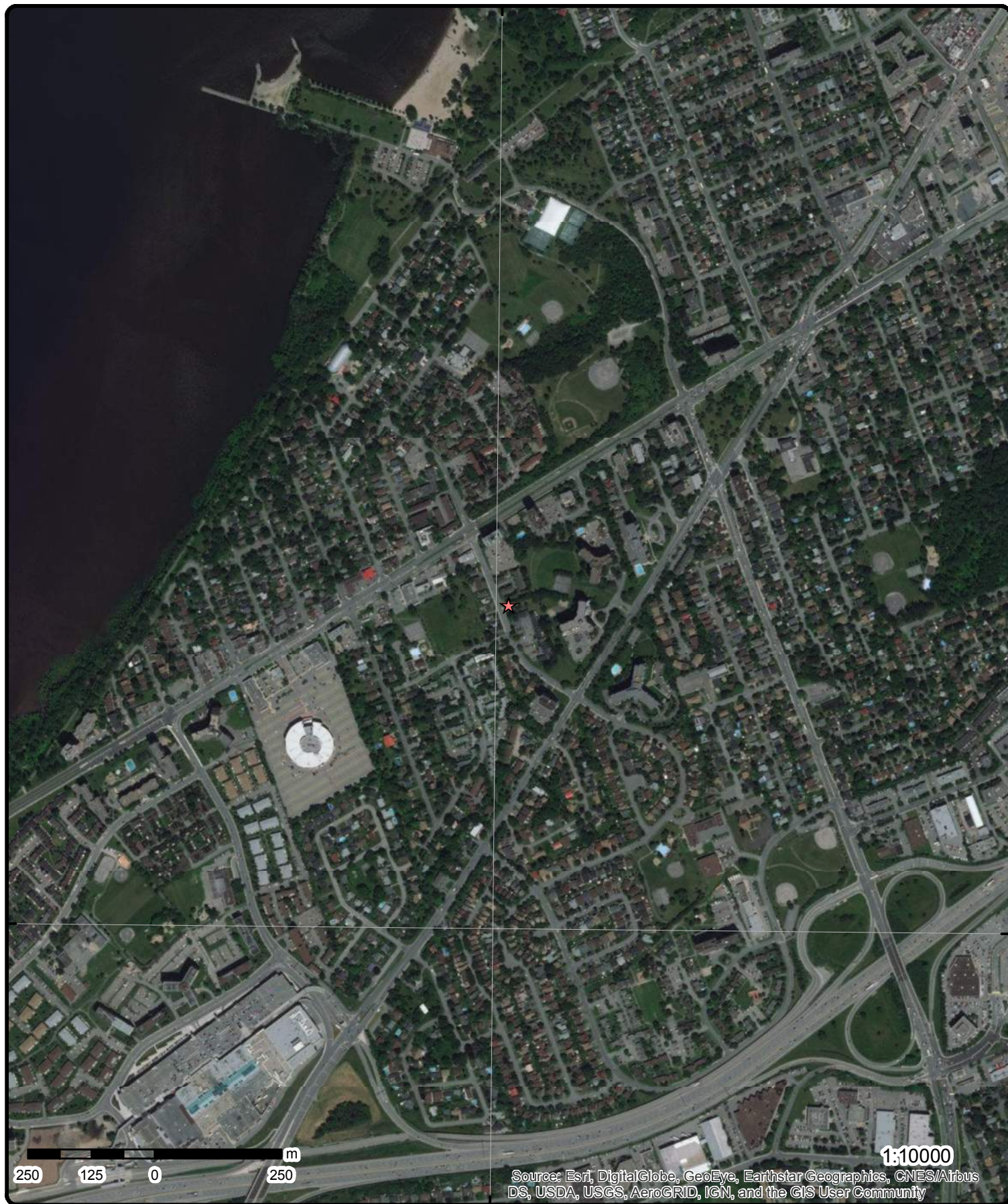
lot 19 con 2 ON	WNW	76.05	1
Well ID: 1504039			
ON	SW	80.29	2
Well ID: 1508223			
ON	WNW	124.99	5
Well ID: 1508222			
lot 19 con 1 ON	NW	205.02	24
Well ID: 1503861			
lot 19 con 1 ON	NW	214.86	27
Well ID: 1503860			

lot 19 con 1 ON Well ID: 1503859	NW	219.77	<u>28</u>
ON Well ID: 1508099	NW	235.82	<u>32</u>
ON Well ID: 1507996	W	239.46	<u>34</u>
ON Well ID: 1507995	N	241.16	<u>35</u>



75°48'W

45°21'N



45°21'N

Aerial (2017)

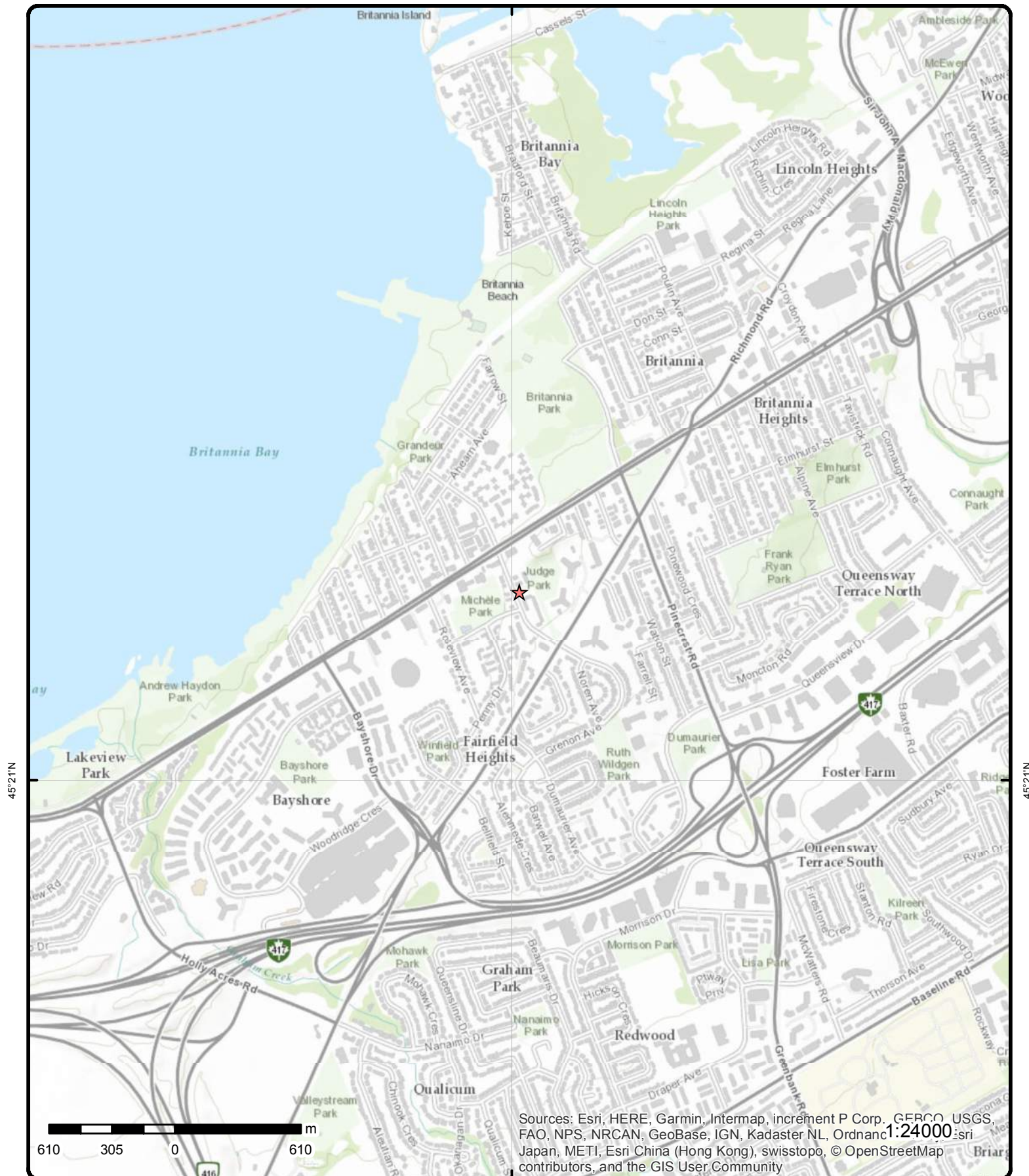
Address: 841 Grenon, Ottawa, ON, K2B 6G1

Source: ESRI World Imagery

Order No: 20181107081



© ERIS Information Limited Partnership



Topographic Map

Address: 841 Grenon, Ottawa, ON, K2B 6G1

Source: ESRI World Topographic Map

Order No: 20181107081



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WNW/76.1	70.9 / -3.00	lot 19 con 2 ON	WWIS
<div> <div> Well ID: 1504039 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 5/17/1948 Selected Flag: Yes Abandonment Rec: Contractor: 4824 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 019 Concession: 02 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10026082 DP2BR: 27 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 17-MAR-47 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 70.57 Elevrc: Zone: 18 East83: 437300.7 Org CS: North83: 5022822 UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> <div> Formation ID: 930998230 Layer: 2 Color: General Color: Mat1: 15 Most Common Material: LIMESTONE Mat2: Other Materials: Mat3: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		27			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930998229			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504039			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574652			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044893			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044894			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991504039			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933457102			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		18			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933457103			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		63			
Water Found Depth UOM:		ft			
<u>2</u>	1 of 2	SW/80.3	69.8 / -4.12	ON	BORE
Borehole ID:	610887			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	437311			Northing:	5022722
Location Accuracy:				Orig. Ground Elev m:	70.1
Elev. Reliability Note:				DEM Ground Elev m:	70.9
Total Depth m:	38.1			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	FEB-1950			Static Water Level:	66.8
Primary Water Use:				Sec. Water Use:	
<u>--Details--</u>					
Stratum ID:	218386840			Top Depth(m):	0.0
Bottom Depth(m):	1.8			Stratum Desc:	SAND.
Stratum ID:	218386841			Top Depth(m):	1.8
Bottom Depth(m):	7.9			Stratum Desc:	GRAVEL,SAND.
Stratum ID:	218386842			Top Depth(m):	7.9
Bottom Depth(m):	8.5			Stratum Desc:	SAND.

2	2 of 2	SW/80.3	69.8 / -4.12	ON	WWIS
Well ID: 1508223			Data Entry Status:		
Construction Date:			Data Src: 1		
Primary Water Use: Domestic			Date Received: 11/26/1951		
Sec. Water Use: 0			Selected Flag: Yes		
Final Well Status: Water Supply			Abandonment Rec:		
Water Type:			Contractor: 4832		
Casing Material:			Form Version: 1		
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County: OTTAWA-CARLETON		
Elevation (m):			Municipality: OTTAWA CITY		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					

Bore Hole ID:	10030258
DP2BR:	28
Spatial Status:	
Code OB:	r
Code OB Desc:	Bedrock
Open Hole:	
Cluster Kind:	
Date Completed:	25-FEB-50
Remarks:	
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Formation ID:	931009102
Layer:	3
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009103			
Layer:		4			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		28			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009101			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931009100			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508223			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10578828			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053173			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		125			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053172			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508223			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462643			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		123			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933462642			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	112				
Water Found Depth UOM:	ft				
Water Details					
Water ID:	933462641				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60				
Water Found Depth UOM:	ft				
<u>3</u>	1 of 1	N/104.8	74.4 / 0.52	Ottawa Transit<UNOFFICIAL> 2900 Carling Avenue Ottawa ON	SPL
Ref No:	5120-AQQGNG			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	8/30/2017			Client Type:	
Year:				Sector Type:	Unknown / N/A
Incident Cause:				Source Type:	Other
Incident Event:	Leak/Break			Nearest Watercourse:	
Contaminant Code:	27			Site Name:	Road<UNOFFICIAL>
Contaminant Name:	COOLANT N.O.S.			Site Address:	2900 Carling Avenue
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:	n/a			Site Postal Code:	
Contaminant Qty:	20 L			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5022916.58
Health/Env Conseq:	2 - Minor Environment			Easting:	437299.8
MOE Response:	No			Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	8/30/2017			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:	Land Spills				
Incident Reason:	Equipment Failure				
Incident Summary:	Ottawa Transit: ~ 10 L coolant to road, some into CB, clnup ongnng				
<u>4</u>	1 of 1	SSW/119.6	70.6 / -3.31	2926 Michele Ave Ottawa ON	EHS
Order No:	20141105036			Municipality:	
Status:	C			Lot/Building Size:	
Report Type:	Standard Report			X:	-75.800383
Date Received:	05-NOV-14			Y:	45.354791
Report Date:	11-NOV-14			Search Radius (km):	.25
Client Prov/State:	ON				
Previous Site Name:					
Report Requested by:	GHD Limited				
Nearest Intersection:					
Additional Info Ordered:					
<u>5</u>	1 of 1	WNW/125.0	67.9 / -6.00		WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Well ID:	1508222			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/28/1950
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4832
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	10030257			Elevation:	68.43
DP2BR:	10			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	437250.7
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5022832
Cluster Kind:				UTMRC:	5
Date Completed:	15-JAN-50			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931009098				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	931009099				
Layer:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		48			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508222			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578827			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930053171			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		48			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930053170			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991508222			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: 15 Flowing: N					
<u>Water Details</u>					
Water ID: 933462638 Layer: 1 Kind Code: 5 Kind: Not stated Water Found Depth: 21 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933462639 Layer: 2 Kind Code: 5 Kind: Not stated Water Found Depth: 33 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933462640 Layer: 3 Kind Code: 5 Kind: Not stated Water Found Depth: 45 Water Found Depth UOM: ft					
<u>6</u>	1 of 3	ESE/136.7	79.9 / 6.00	2881 RICHMOND ROAD OTTAWA ON K2B 8J5	EHS
Order No: 20071108009 Status: C Report Type: CAN - Custom Report Date Received: 11/8/2007 Report Date: 11/16/2007 Client Prov/State: Previous Site Name: Report Requested by: Pinchin Environmental Nearest Intersection: Additional Info Ordered: Fire Insur. Maps And /or Site Plans					
Municipality: Lot/Building Size: X: -75.797965 Y: 45.355487 Search Radius (km): 0.25					
<u>6</u>	2 of 3	ESE/136.7	79.9 / 6.00	2881 Richmond Rd Ottawa ON K2B8J5	EHS
Order No: 20180102008 Status: C Report Type: Standard Report Date Received: 02-JAN-18 Report Date: 05-JAN-18 Client Prov/State: ON Previous Site Name: Report Requested by: Pinchin Ltd. Nearest Intersection:					
Municipality: Lot/Building Size: X: -75.797965 Y: 45.355487 Search Radius (km): .25					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Additional Info Ordered:</i>					
<u>6</u>	3 of 3	ESE/136.7	79.9 / 6.00	2881 Richmond Rd Ottawa ON K2B8J5	EHS
Order No:		20180102008	Municipality:		
Status:		C	Lot/Building Size:		
Report Type:		Standard Report	X:		-75.797965
Date Received:		02-JAN-18	Y:		45.355487
Report Date:		05-JAN-18	Search Radius (km):		.25
Client Prov/State:		ON			
Previous Site Name:					
Report Requested by:		Pinchin Ltd.			
Nearest Intersection:					
Additional Info Ordered:					
<u>7</u>	1 of 1	WNW/147.2	67.6 / -6.31	2930 Carling Avenue Ottawa ON K2B 7J7	EHS
Order No:		20070326004	Municipality:		
Status:		C	Lot/Building Size:		
Report Type:		CAN - Complete Report	X:		-75.802017
Date Received:		3/26/2007	Y:		45.356077
Report Date:		3/29/2007	Search Radius (km):		0.25
Client Prov/State:					
Previous Site Name:					
Report Requested by:		AMEC Earth & Environmental			
Nearest Intersection:					
Additional Info Ordered:					
<u>8</u>	1 of 1	NNW/155.7	71.1 / -2.76	2880 & 2900 Carling Avenue Ottawa ON	EHS
Order No:		20070322013	Municipality:		
Status:		C	Lot/Building Size:		
Report Type:		CAN - Custom Report	X:		-75.800204
Date Received:		3/22/2007	Y:		45.357094
Report Date:		3/30/2007	Search Radius (km):		0.25
Client Prov/State:					
Previous Site Name:					
Report Requested by:		Pinchin Environmental			
Nearest Intersection:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans			
<u>9</u>	1 of 1	NW/156.7	67.9 / -6.00	2924 Carling Avenue Ottawa ON K2B 7J7	EHS
Order No:		20070604033	Municipality:		
Status:		C	Lot/Building Size:		
Report Type:		CAN - Custom Report	X:		-75.801317
Date Received:		6/4/2007	Y:		45.356545
Report Date:		6/13/2007	Search Radius (km):		0.25
Client Prov/State:					
Previous Site Name:					
Report Requested by:		Pinchin Environmental			
Nearest Intersection:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	ESE/160.9	79.8 / 5.97	HOMESTEAD LAND HOLDINGS LTD 2881 RICHMOND RD OTTAWA ON K2B7Z4	GEN
Generator No.: ON4492950				PO Box No.:	
Status: Registered				Country:	Canada
Approval Years: As of Jun 2018				Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		212 L			
Waste Description:		Aliphatic solvents and residues			
11	1 of 1	NNW/170.9	69.8 / -4.05	City of Ottawa Carling Street / Ritchie Street<UNOFFICIAL> Ottawa ON	SPL
Ref No: 6554-6EQLU3				Discharger Report:	0
Site No:				Material Group:	Oil
Incident Dt: 7/28/2005				Client Type:	
Year:				Sector Type:	Other Motor Vehicle
Incident Cause: Pipe Or Hose Leak				Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:				Site Name:	Carling Street / Ritchie Street<UNOFFICIAL>
Contaminant Name: DIESEL FUEL				Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Site Region:	
Environment Impact: Not Anticipated				Site Municipality:	Ottawa
Nature of Impact: Surface Water Pollution				Site Lot:	
Receiving Medium: Water				Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt: 7/28/2005				Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class: Spills to Watercourses					
Incident Reason:					
Incident Summary: OC Transpo, <1-L diesel to sewer					
12	1 of 1	WSW/172.8	67.9 / -5.97	ON	BORE
Borehole ID: 802819				Type:	Borehole
Use: Geotechnical/Geological Investigation				Status:	
Drill Method: Hollow stem auger				UTM Zone:	18
Easting: 437216.51				Northing:	5022692.83
Location Accuracy:				Orig. Ground Elev m:	67.3
Elev. Reliability Note:				DEM Ground Elev m:	67.9
Total Depth m: 5.8				Primary Name:	BH 1
Township:				Concession:	
Lot:				Municipality:	
Completion Date: 11-APR-1983				Static Water Level:	2.5
Primary Water Use:				Sec. Water Use:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Stratum ID:	218573718			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	Brown Fill-Misc sand silt Trace: Gr
Stratum ID:	218573719			Top Depth(m):	0.8
Bottom Depth(m):	1.6			Stratum Desc:	Grey Compact Fill-Misc Silt - Sand With: Gr Trace: Org M
Stratum ID:	218573720			Top Depth(m):	1.6
Bottom Depth(m):	1.8			Stratum Desc:	Dark Brown Peat
Stratum ID:	218573721			Top Depth(m):	1.8
Bottom Depth(m):	2.7			Stratum Desc:	Brown to Grey Compact to Loose Silt - Sand Trace: Gr
Stratum ID:	218573722			Top Depth(m):	2.7
Bottom Depth(m):	3.3			Stratum Desc:	Grey-Brown Loose Sand Trace: Si
Stratum ID:	218573723			Top Depth(m):	3.3
Bottom Depth(m):	5.8			Stratum Desc:	Grey Compact to Very Dense Till Silt - Sand With: Cl W Gr W Blds
13	1 of 1	NNE/173.7	79.9 / 6.00	ON	BORE
Borehole ID:	610903			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	437431			Northing:	5022942
Location Accuracy:				Orig. Ground Elev m:	81.1
Elev. Reliability Note:				DEM Ground Elev m:	81.3
Total Depth m:	9.6			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	AUG-1971			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218386884			Top Depth(m):	0.0
Bottom Depth(m):	2.0			Stratum Desc:	ARTIFICIAL,SAND, GRAVEL,ROCK.
Stratum ID:	218386885			Top Depth(m):	2.0
Bottom Depth(m):	4.6			Stratum Desc:	SAND,GRAVEL-FINE TO MEDIUM,SILT. DENSE.
Stratum ID:	218386886			Top Depth(m):	4.6
Bottom Depth(m):	6.1			Stratum Desc:	GRAVEL,SAND,SILT. VERY DENSE.
Stratum ID:	218386887			Top Depth(m):	6.1
Bottom Depth(m):	8.4			Stratum Desc:	GRAVEL,SAND,SILT. VERY DENSE.
Stratum ID:	218386888			Top Depth(m):	8.4
Bottom Depth(m):	9.1			Stratum Desc:	SAND,GRAVEL,SILT. VERY DENSE.
Stratum ID:	218386889			Top Depth(m):	9.1
Bottom Depth(m):	9.6			Stratum Desc:	SAND,GRAVEL. 00000 007 00065 012 00150 009 00200 009 00275 013 00300 012

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	SSE/180.2	80.1 / 6.20	lot 19 con 2 ON	WWIS
<div> <div> Well ID: 1504038 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 11/26/1951 Selected Flag: Yes Abandonment Rec: Contractor: 4832 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY (NEPEAN) Site Info: Lot: 019 Concession: 02 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10026081 DP2BR: 35 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 15-MAR-49 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 79.02 Elevrc: Zone: 18 East83: 437410.7 Org CS: North83: 5022607 UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> <div> Formation ID: 930998226 Layer: 1 Color: General Color: Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 3 Formation End Depth UOM: ft </div> </div>					
<u>Overburden and Bedrock Materials Interval</u>					
<div> <div> Formation ID: 930998227 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930998228			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		35			
Formation End Depth:		133			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961504038			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574651			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044892			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		133			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044891			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991504038			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933457101			
Layer:		4			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		131			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933457100			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		125			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933457099			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933457098			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	NE/182.3	79.9 / 6.00	ON	BORE
Borehole ID:	610900			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	437481			Northing:	5022922
Location Accuracy:				Orig. Ground Elev m:	68.6
Elev. Reliability Note:				DEM Ground Elev m:	80.3
Total Depth m:	-999			Primary Name:	
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	SEP-1968			Static Water Level:	-1.5
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218386876			Top Depth(m):	0.0
Bottom Depth(m):	3.9			Stratum Desc:	SAND,GRAVEL,SILT. BROWN,COMPACT.
Stratum ID:	218386877			Top Depth(m):	3.9
Bottom Depth(m):				Stratum Desc:	BEDROCK,LIMESTONE. GREY. COMPACT, WATER STABLE AT 229.9 FEET.BEDROCK. SILT-FINE,CLAY.GR
16	1 of 1	WSW/186.4	67.2 / -6.69	ON	BORE
Borehole ID:	802827			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	
Drill Method:	Hollow stem auger			UTM Zone:	18
Easting:	437202.58			Northing:	5022689.59
Location Accuracy:				Orig. Ground Elev m:	65.8
Elev. Reliability Note:				DEM Ground Elev m:	67.6
Total Depth m:	2.1			Primary Name:	BH 3
Township:				Concession:	
Lot:				Municipality:	
Completion Date:	11-APR-1983			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--Details--					
Stratum ID:	218573750			Top Depth(m):	0.0
Bottom Depth(m):	0.5			Stratum Desc:	Topsoil
Stratum ID:	218573751			Top Depth(m):	0.5
Bottom Depth(m):	0.9			Stratum Desc:	Brown Loose Sand Trace: Si
Stratum ID:	218573752			Top Depth(m):	0.9
Bottom Depth(m):	2.1			Stratum Desc:	Brown to Grey Compact Till Silt - Sand With: Cl W Gr
17	1 of 1	NNE/189.5	81.3 / 7.42	Sunset Heights Apartments<UNOFFICIAL> 2880 Carling Avenue Ottawa ON K2B 7Z1	SPL
Ref No:	3868-6EWSA8			Discharger Report:	0
Site No:				Material Group:	Oil
Incident Dt:	8/3/2005			Client Type:	
Year:				Sector Type:	Other
Incident Cause:	Intent - Intentional or planned occurrence			Source Type:	
Incident Event:				Nearest Watercourse:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Contaminant Code: Contaminant Name: MOTOR OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Environment Impact: Not Anticipated Nature of Impact: Other Impact(s) Receiving Medium: Water Receiving Env: Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 8/3/2005 Dt Document Closed: Agency Involved: SAC Action Class: Incident Reason: Incident Summary: </div> <div> Site Name: Site Address: Site District Office: Ottawa Site County/District: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum: </div> </div> <div> 2880 Carling Avenue<UNOFFICIAL> </div>					
18	1 of 1	NNE/192.0	81.3 / 7.42	Timbercreek Asset Management 2880 Carling Avenue Ottawa ON	GEN
<div> <div> Generator No.: ON6182108 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 531390 SIC Description: Other Activities Related to Real Estate </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div>					
19	1 of 1	SW/193.2	67.9 / -5.97	ON	BORE
<div> <div> Borehole ID: 802824 Use: Geotechnical/Geological Investigation Drill Method: Hollow stem auger Easting: 437209.15 Location Accuracy: Elev. Reliability Note: Total Depth m: 4.7 Township: Lot: Completion Date: 11-APR-1983 Primary Water Use: </div> <div> Type: Borehole Status: UTM Zone: 18 Northing: 5022666.97 Orig. Ground Elev m: 66.2 DEM Ground Elev m: 67.3 Primary Name: BH 2 Concession: Municipality: Static Water Level: .6 Sec. Water Use: </div> </div>					
--Details--					
<div> <div> Stratum ID: 218573741 Bottom Depth(m): 4.7 </div> <div> Top Depth(m): 1.4 Stratum Desc: Grey Compact to Very Dense Till sand silt With: CI W Gr W Blds </div> </div>					
<div> <div> Stratum ID: 218573737 Bottom Depth(m): 0.3 </div> <div> Top Depth(m): 0.0 Stratum Desc: Brown Fill-Misc Silt - Sand </div> </div>					
<div> <div> Stratum ID: 218573738 Bottom Depth(m): 0.5 </div> <div> Top Depth(m): 0.3 Stratum Desc: Topsoil </div> </div>					
<div> <div> Stratum ID: 218573739 Bottom Depth(m): 0.9 </div> <div> Top Depth(m): 0.5 Stratum Desc: Brown Very Loose Silt - Sand </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	218573740 1.4			Top Depth(m): Stratum Desc:	0.9 Brown Loose Sand Trace: Si
20	1 of 1	WSW/197.2	67.2 / -6.69	ON	BORE
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	610882 437201 4.8 JUN-1968			Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:	Borehole 18 5022672 69 67.4 -999.9
--Details-- Stratum ID: Bottom Depth(m):	218386824 0.3			Top Depth(m): Stratum Desc:	0.0 UNSPECIFIED.
Stratum ID: Bottom Depth(m):	218386825 0.5			Top Depth(m): Stratum Desc:	0.3 SAND-FINE. LOOSE.
Stratum ID: Bottom Depth(m):	218386826 1.5			Top Depth(m): Stratum Desc:	0.5 SAND-FINE. DENSE.
Stratum ID: Bottom Depth(m):	218386827 2.3			Top Depth(m): Stratum Desc:	1.5 SAND-FINE TO MEDIUM.DENSE.
Stratum ID: Bottom Depth(m):	218386828 3.3			Top Depth(m): Stratum Desc:	2.3 SAND,SILT-VERY FINE TO FINE. DENSE.
Stratum ID: Bottom Depth(m):	218386829 4.8			Top Depth(m): Stratum Desc:	3.3 BEDROCK. 00015 010 00050 018 00075 017 Y. BROWN,GREY. 0000800500028008ILL.
21	1 of 1	NW/198.3	67.0 / -6.88	2929 Carling Avenue Ottawa ON K2B 8E7	EHS
Order No: Status: Report Type: Date Received: Report Date: Client Prov/State: Previous Site Name: Report Requested by: Nearest Intersection: Additional Info Ordered:	20101027003 C Custom Report 10/27/2010 9:11:24 AM 11/2/2010 ON Pinchin Environmental			Municipality: Lot/Building Size: X: Y: Search Radius (km):	 -75.801749 45.356764 0.25
22	1 of 5	W/202.3	65.8 / -8.11	Rexall Pharmacy Group Ltd 2950 Carling Avenue Ottawa ON K2B 7J7	GEN
Generator No.: Status: Approval Years:	ON5320411 2016			PO Box No.: Country: Choice of Contact:	 Canada CO_ADMIN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 446110 446110			Co Admin: Phone No. Admin:	Erik Botines 9055017800 Ext.
--Details--					
Waste Code: Waste Description:		261 PHARMACEUTICALS			
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
22	2 of 5	W/202.3	65.8 / -8.11	Pharma Plus Drugmarts Ltd 2950 Carling Avenue Ottawa ON K2B 7J7	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5320411 No 2015 No No 446110 446110			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	Canada CO_ADMIN Erik Botines 9055017800 Ext.
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
22	3 of 5	W/202.3	65.8 / -8.11	Pharma Plus Drugmarts Ltd 2950 Carling Avenue Ottawa ON K2B 7J7	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5320411 No 2014 No No 446110 446110			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	Canada CO_ADMIN Aaron Schrama 905-502-5965 Ext.
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
22	4 of 5	W/202.3	65.8 / -8.11	Rexall Pharmacy Group Ltd. 2950 Carling Avenue Ottawa ON K2B 7J7	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5320411 Registered As of Jun 2018 As of Jun 2018			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	Canada
--Details--					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div>Waste Code:</div> <div>Waste Description:</div> <div>312 P</div> <div>Pathological wastes</div> </div> <div> <div>Waste Code:</div> <div>Waste Description:</div> <div>261 A</div> <div>Pharmaceuticals</div> </div>					
22	5 of 5	W/202.3	65.8 / -8.11	2950 Carling Avenue Ottawa ON	SPL
<div> <div>Ref No:</div> <div>Site No:</div> <div>Incident Dt:</div> <div>Year:</div> <div>Incident Cause:</div> <div>Incident Event:</div> <div>Contaminant Code:</div> <div>Contaminant Name:</div> <div>Contaminant Limit 1:</div> <div>Contam Limit Freq 1:</div> <div>Contaminant UN No 1:</div> <div>Contaminant Qty:</div> <div>Environment Impact:</div> <div>Nature of Impact:</div> <div>Receiving Medium:</div> <div>Receiving Env:</div> <div>Health/Env Conseq:</div> <div>MOE Response:</div> <div>Dt MOE Arvl on Scn:</div> <div>MOE Reported Dt:</div> <div>Dt Document Closed:</div> <div>Agency Involved:</div> <div>SAC Action Class:</div> <div>Incident Reason:</div> <div>Incident Summary:</div> <div>0576-AZMK5A</div> <div>NA</div> <div>2018/06/11</div> <div></div> <div>Leak/Break</div> <div>27</div> <div>COOLANT N.O.S.</div> <div></div> <div>n/a</div> <div>10 L</div> <div></div> <div></div> <div>Land; Surface Water</div> <div>2 - Minor Environment</div> <div>No</div> <div></div> <div>2018/06/11</div> <div></div> <div></div> <div>Land Spills</div> <div>Maintenance</div> <div>OC Transpo: 10 L coolant to cb</div> </div> <div> <div>Discharger Report:</div> <div>Material Group:</div> <div>Client Type:</div> <div>Sector Type:</div> <div>Source Type:</div> <div>Nearest Watercourse:</div> <div>Site Name:</div> <div>Site Address:</div> <div>Site District Office:</div> <div>Site County/District:</div> <div>Site Postal Code:</div> <div>Site Region:</div> <div>Site Municipality:</div> <div>Site Lot:</div> <div>Site Conc:</div> <div>Northing:</div> <div>Easting:</div> <div>Site Geo Ref Accu:</div> <div>Site Geo Ref Meth:</div> <div>Site Map Datum:</div> <div></div> <div></div> <div></div> <div>Miscellaneous Communal</div> <div>Motor Vehicle</div> <div></div> <div>CB<UNOFFICIAL></div> <div>2950 Carling Avenue</div> <div>Ottawa</div> <div></div> <div></div> <div>Eastern</div> <div>Ottawa</div> <div></div> <div></div> <div>5022795.91</div> <div>437161.89</div> <div></div> <div></div> <div></div> </div>					
23	1 of 1	WNW/203.4	66.9 / -7.00	2934, 2936, 2942 Carling Ave Ottawa ON	EHS
<div> <div>Order No:</div> <div>Status:</div> <div>Report Type:</div> <div>Date Received:</div> <div>Report Date:</div> <div>Client Prov/State:</div> <div>Previous Site Name:</div> <div>Report Requested by:</div> <div>Nearest Intersection:</div> <div>Additional Info Ordered:</div> <div>20050525025</div> <div>C</div> <div></div> <div>5/25/2005</div> <div>6/3/2005</div> <div>ON</div> <div></div> <div>Pinchin Environmental Ltd.</div> <div></div> <div></div> </div> <div> <div>Municipality:</div> <div>Lot/Building Size:</div> <div>X:</div> <div>Y:</div> <div>Search Radius (km):</div> <div></div> <div></div> <div>-75.80184</div> <div>45.356258</div> <div>0.25</div> </div>					
24	1 of 1	NW/205.0	67.0 / -6.88	lot 19 con 1 ON	WWIS
<div> <div>Well ID:</div> <div>Construction Date:</div> <div>Primary Water Use:</div> <div>Sec. Water Use:</div> <div>Final Well Status:</div> <div>Water Type:</div> <div>Casing Material:</div> <div>Audit No:</div> <div>1503861</div> <div></div> <div>Domestic</div> <div>0</div> <div>Water Supply</div> <div></div> <div></div> <div></div> </div> <div> <div>Data Entry Status:</div> <div>Data Src:</div> <div>Date Received:</div> <div>Selected Flag:</div> <div>Abandonment Rec:</div> <div>Contractor:</div> <div>Form Version:</div> <div>Owner:</div> <div></div> <div>1</div> <div>1/18/1950</div> <div>Yes</div> <div></div> <div>3601</div> <div>1</div> <div></div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	019
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole ID:	10025904	Elevation:	66.38
DP2BR:	5	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	437195.7
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	5022897
Cluster Kind:		UTMRC:	9
Date Completed:	15-FEB-49	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Materials Interval

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503861			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574474			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044555			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		6			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044556			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503861			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 933456865 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 60 Water Found Depth UOM: ft					
25	1 of 3	SSE/212.8	80.8 / 6.92	H.E. Reinert Holdings Corporation 2935 Richmond Road Ottawa ON	GEN
Generator No.: ON2660347 Status: Approval Years: 2009 Contam. Facility: MHSW Facility: SIC Code: 531111 SIC Description: Lessors of Residential Buildings and Dwellings (except Social Housing Projects) --Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES					
25	2 of 3	SSE/212.8	80.8 / 6.92	H.E. Reinert Holdings Corporation 2935 Richmond Road Ottawa ON K2B 8C9	GEN
Generator No.: ON2660347 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 531111 SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS) --Details-- Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 331 Waste Description: WASTE COMPRESSED GASES Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS					
25	3 of 3	SSE/212.8	80.8 / 6.92	H.E. Reinert Holdings Corporation 2935 Richmond Road Ottawa ON K2B 8C9	GEN
Generator No.: ON2660347 Status: Registered Approval Years: As of Jun 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:					
PO Box No.: Country: Canada Choice of Contact: Co Admin: Phone No. Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		148 C			
Waste Description:		Misc. wastes and inorganic chemicals			
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		145 I			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		263 I			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		331 I			
Waste Description:		Waste compressed gases including cylinders			
26	1 of 1	WNW/213.5	65.8 / -8.08	2930 Carling Inc. Ottawa ON M5M 3Z5	ECA
Approval No:	5662-7VKJEF			SWP Area Name:	Rideau Valley
Approval Date:	2009-09-18			MOE District:	Ottawa
Status:	Approved			City:	Ottawa
Record Type:	ECA			Longitude:	-75.802317
Link Source:	IDS			Latitude:	45.356207
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:					
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/7752-7TCPHB-14.pdf			
27	1 of 1	NW/214.9	67.0 / -6.88	lot 19 con 1 ON	WWIS
Well ID:	1503860			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/7/1949
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	019
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025903			Elevation:	65.82
DP2BR:	5			Elevrc:	
Spatial Status:				Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:	r			East83:	437190.7
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5022907
Cluster Kind:				UTMRC:	9
Date Completed:	14-OCT-49			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997742			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930997741			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961503860			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574473			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930044553			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		5			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044554			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		45			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503860			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		39			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456864			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			

28	1 of 2	NW/219.8	66.8 / -7.05	ON	BORE
Borehole ID:	610904			Type:	Borehole
Use:				Status:	
Drill Method:				UTM Zone:	18
Easting:	437221			Northing:	5022947
Location Accuracy:				Orig. Ground Elev m:	64
Elev. Reliability Note:				DEM Ground Elev m:	66.1
Total Depth m:	21.3			Primary Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Township: Lot: Completion Date: JUL-1949 Primary Water Use:				Concession: Municipality: Static Water Level: -999.9 Sec. Water Use:	
--Details--					
Stratum ID:	218386890			Top Depth(m): 0.0	
Bottom Depth(m):	1.2			Stratum Desc: SOIL.	
Stratum ID:	218386891			Top Depth(m): 1.2	
Bottom Depth(m):	1.8			Stratum Desc: SAND,SILT.	
Stratum ID:	218386892			Top Depth(m): 1.8	
Bottom Depth(m):	21.3			Stratum Desc: LIMESTONE. 0003500050E TO MEDIUM,SILT. DENSE. GRAVEL,SAND,SILT. VERY DENSE. GRAVEL,SAND,SIL	
28	2 of 2	NW/219.8	66.8 / -7.05	lot 19 con 1 ON	WWIS
Well ID:	1503859			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/23/1951
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4832
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	019
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10025902			Elevation:	66.14
DP2BR:	6			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	437220.7
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5022947
Cluster Kind:				UTMRC:	9
Date Completed:	15-JUL-49			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		930997738			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		930997739			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		930997740			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		70			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961503859			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10574472			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930044551			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		6			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930044552			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		70			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503859			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933456862			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933456863			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933456861			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			
<u>29</u>	1 of 1	NW/229.4	66.8 / -7.05	Riga Private Ottawa ON	EHS
Order No:	20130904037			Municipality:	
Status:	C			Lot/Building Size:	
Report Type:	Custom Report			X:	-75.801462
Date Received:	04-SEP-13			Y:	45.357378
Report Date:	29-NOV-13			Search Radius (km):	.25
Client Prov/State:	ON				
Previous Site Name:					
Report Requested by:	WSP Canada Inc				
Nearest Intersection:					
Additional Info Ordered:					
<u>30</u>	1 of 1	WNW/233.1	65.8 / -8.06	Familiar Faces Engraving Ltd. 2951 Carling Ave Ottawa ON K2B 8K6	SCT
Established:	01-AUG-90				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Sign Manufacturing				
SIC/NAICS Code:	339950				
Description:	Other Printing				
SIC/NAICS Code:	323119				
Description:	Support Activities for Printing				
SIC/NAICS Code:	323120				
Description:	All Other Miscellaneous Manufacturing				
SIC/NAICS Code:	339990				
<u>31</u>	1 of 2	NW/234.1	66.8 / -7.05	109 Doane St Ottawa ON K2B6G8	EHS
Order No:	20171020023			Municipality:	
Status:	C			Lot/Building Size:	
Report Type:	Standard Report			X:	-75.801583
Date Received:	20-OCT-17			Y:	45.357364
Report Date:	25-OCT-17			Search Radius (km):	.25
Client Prov/State:	ON				
Previous Site Name:					
Report Requested by:	Pinchin Ltd.				
Nearest Intersection:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	2 of 2	NW/234.1	66.8 / -7.05	109 Doane St Ottawa ON K2B6G8	EHS
<div> <div> Order No: 20171020023 Status: C Report Type: Standard Report Date Received: 20-OCT-17 Report Date: 25-OCT-17 Client Prov/State: ON Previous Site Name: Report Requested by: Pinchin Ltd. Nearest Intersection: Additional Info Ordered: Fire Insur. Maps and/or Site Plans </div> <div> Municipality: Lot/Building Size: X: -75.801583 Y: 45.357364 Search Radius (km): .25 </div> </div>					
32	1 of 1	NW/235.8	65.9 / -8.00	ON	WWIS
<div> <div> Well ID: 1508099 Construction Date: Primary Water Use: Municipal 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 5/15/1951 Selected Flag: Yes Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10030134 DP2BR: 6 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 03-OCT-50 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 64.73 Elevrc: Zone: 18 East83: 437175.7 Org CS: North83: 5022922 UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<div> Formation ID: 931008804 Layer: 1 Color: </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008805			
Layer:		2			
Color:					
General Color:					
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961508099			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578704			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052926			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		6			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052927			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: 38 Casing Diameter: 4 Casing Diameter UOM: inch Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991508099 Pump Set At: Static Level: 4 Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 0 Pumping Duration MIN: 30 Flowing: N					
<u>Water Details</u>					
Water ID: 933462468 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 38 Water Found Depth UOM: ft					
33	1 of 3	W/237.6	66.0 / -7.91	2950 Carling Avenue Ottawa ON K2B 7J7	EHS
Order No: 20100126041 Status: C Report Type: Standard Report Date Received: 1/26/2010 Report Date: 2/4/2010 Client Prov/State: ON Previous Site Name: Report Requested by: AMEC Earth & Environmental Nearest Intersection: Carling Ave and Roseview Ave Additional Info Ordered:					
Municipality: Lot/Building Size: X: -75.802674 Y: 45.35591 Search Radius (km): 0.25					
33	2 of 3	W/237.6	66.0 / -7.91	2950 Carling Avenue Ottawa ON K2B 7J7	EHS
Order No: 20110107004 Status: C Report Type: Custom Report Date Received: 1/7/2011 10:26:14 AM Report Date: 1/13/2011 Client Prov/State: ON Previous Site Name: Report Requested by: Pinchin Environmental Nearest Intersection: Additional Info Ordered:					
Municipality: Lot/Building Size: X: -75.802693 Y: 45.355933 Search Radius (km): 0.25					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	3 of 3	W/237.6	66.0 / -7.91	2930 Carling Inc. 2950 Carling Ave. Ottawa ON K2B 7J7	GEN
<div> <div> Generator No.: ON8020393 Status: Approval Years: 07,08 Contam. Facility: MHSW Facility: SIC Code: 531190 SIC Description: Lessors of Other Real Estate Property </div> <div> PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: </div> </div>					
--Details--					
Waste Code: 221 Waste Description: LIGHT FUELS					
34	1 of 1	W/239.5	65.9 / -7.94	ON	WWIS
<div> <div> Well ID: 1507996 Construction Date: Primary Water Use: Commerical Sec. Water Use: Domestic 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: </div> <div> Data Entry Status: Data Src: 1 Date Received: 2/17/1955 Selected Flag: Yes Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 10030031 DP2BR: 10 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 01-NOV-54 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 65.56 Elevrc: Zone: 18 East83: 437125.7 Org CS: North83: 5022792 UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5 </div> </div>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931008558			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931008559			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961507996			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578601			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052719			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		125			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052718			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:		1	STEEL		
Depth From:					
Depth To:		20			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991507996			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		12			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462318			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		125			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933462317			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

35

1 of 1

N/241.2

67.7 / -6.17

ON

WWIS

Well ID:	1507995	Data Entry Status:	
Construction Date:		Data Src:	8
Primary Water Use:	Domestic	Date Received:	9/7/1954
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3725
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10030030			Elevation:	66.79
DP2BR:	15			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	437350.7
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5023022
Cluster Kind:				UTMRC:	9
Date Completed:	07-OCT-53			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931008557				
Layer:	2				
Color:	8				
General Color:	BLACK				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	15				
Formation End Depth:	75				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931008556				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
Use					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961507995			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10578600			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930052716			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930052717			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991507995			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933462316			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			

<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>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: **30** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
CA		Terminus of Charlies Lane, Lot 19/20 Conc 2	Ottawa ON	
CA	WESMAR HOMES LTD.	CARLING AVE.	NEPEAN CITY ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA		Terminus of Charlies Lane, Lot 19/20 Conc 2	Ottawa ON	
CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
CA	2930 Carling Inc.		Ottawa ON	
CA	City of Ottawa	Carling Ave	Ottawa ON	
CA	NORTHERN TELECOM LTD., CARLING CAMPUS	CARLING AVENUE (SWM)	NEPEAN ON	
CA	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA		Richmond Road	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	

CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
GEN	GVT OF CAN- HEALTH&WELFARE CAN.MED.16-303	SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST.	OTTAWA ON	K1A 0L3
PRT	SUPERIOR PROPANE INC	PRT LOT 20 CON 2	NEPEAN TWP ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
SPL	City of Ottawa - Sewer Maintenance<UNOFFICIAL>	Storm Outlet located at the north dead end of Scrivens Drive<UNOFFICIAL>	Ottawa ON	
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	
SPL		Carling Ave W @ Britannia	Ottawa ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	
WWIS		lot 19	ON	
WWIS		lot 20	ON	

Unplottable Report

<u>Site:</u>	City of Ottawa Carling Avenue (Road allowance) Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	Terminus of Charlies Lane, Lot 19/20 Conc 2 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	WESMAR HOMES LTD. CARLING AVE. NEPEAN CITY ON	<u>Database:</u> CA
<u>Site:</u>	Urbandale Corporation Part of Lot 20, Concession 1 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	Urbandale Corporation Part of Lot 20, Concession 1 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	Terminus of Charlies Lane, Lot 19/20 Conc 2 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	Minto Developments Inc. Lot 19, Concession 1 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	2930 Carling Inc. Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	City of Ottawa Carling Ave Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	NORTHERN TELECOM LTD., CARLING CAMPUS CARLING AVENUE (SWM) NEPEAN ON	<u>Database:</u> CA
<u>Site:</u>	L.SIPOLINS SOUTH OF CARLING AVE. OTTAWA CITY ON	<u>Database:</u> CA
<u>Site:</u>	OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON	<u>Database:</u> CA
<u>Site:</u>	City of Ottawa Richmond Road Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	NON-PROFIT HOUSING CORPORATION	<u>Database:</u>

<u>Site:</u>	Richmond Road Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	City of Ottawa Richmond Road Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON	<u>Database:</u> CA
<u>Site:</u>	City of Ottawa Richmond Road Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	Minto Developments Inc. Lot 19, Concession 1 Ottawa ON	<u>Database:</u> CA
<u>Site:</u>	City of Ottawa Carling Ave Ottawa ON K2G 6J8	<u>Database:</u> ECA
<u>Site:</u>	City of Ottawa Carling Ave Ottawa ON K2G 6J8	<u>Database:</u> ECA
<u>Site:</u>	GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303 SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST. OTTAWA ON K1A 0L3	<u>Database:</u> GEN
<u>Site:</u>	SUPERIOR PROPANE INC PRT LOT 20 CON 2 NEPEAN TWP ON	<u>Database:</u> PRT
<u>Site:</u>	TEXACO RICHMOND RD. SERVICE STATION OTTAWA CITY ON	<u>Database:</u> SPL
<u>Site:</u>	City of Ottawa - Sewer Maintenance<UNOFFICIAL> Storm Outlet located at the north dead end of Scrivens Drive<UNOFFICIAL> Ottawa ON	<u>Database:</u> SPL
<u>Site:</u>	OTTAWA TRANSIT CARLING AVENUE BUS OTTAWA ON	<u>Database:</u> SPL
<u>Site:</u>	Carling Ave W @ Britannia Ottawa ON	<u>Database:</u> SPL
<u>Site:</u>	HOTEL/MOTEL CARLING AVENUE (N.O.S.) OTTAWA CITY ON	<u>Database:</u> SPL
<u>Site:</u>	lot 19 ON	<u>Database:</u> WWIS

Site:

lot 20 ON

Database:

WWIS

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Up to Sep 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-Jul 31, 2018

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-Jul 31, 2018

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 - Jul 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-Sep 2018

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-Jul 31, 2018

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-Nov 30, 2017

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 2016

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-Sep 30, 2018

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-Jul 31, 2018

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-Sep 30, 2018

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Jul 31, 2018

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-Aug 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 2017

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-June 30, 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-Jun 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.

Government Publication Date: 1988-August 31, 2018

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSRL 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-Jul 31, 2018

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: 1988-Mar 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-Jul 31, 2018

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-Sep 2018

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-Jul 31, 2018

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-Jul 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 2017

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-Sep 30, 2018

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.

EXP Services Inc.

Building Investments Inc.

*Phase One Environmental Site Assessment
841, 845, and 855 Grenon Avenue, Ottawa, Ontario*

OTT-00250242-A0

January 14, 2019

Appendix E: Site Photographs





Photograph No. 1

Front of on-site residence



Photograph No. 2

View of south side of residence



Photograph No. 3

View of aluminum shed at middle of property



Photograph No. 4

View of properties to the south



Photograph No. 5

View of properties to the north, with pathway



Photograph No. 6

View of southeast part of site



Photograph No. 7

View of northeast part of the property



Photograph No. 8

View of neighbouring park to east



Photograph No. 9

View of possible transite (asbestos) cladding on exterior of residence



Photograph No. 10

View of former natural gas entry to residence



Photograph No. 11

View of building interior from open doorway



Photograph No. 12

Additional view of building interior from open doorway