

# Phase One Environmental Site Assessment

1 Finch Private and  
3405 Uplands Drive  
Ottawa, Ontario

Prepared for:  
Ottawa Community  
Housing Corporation



May 5, 2023

LOP23-006B

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# 1. Executive Summary

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Lopers & Associates (Lopers) was retained by Ottawa Community Housing Corporation (OCH) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the residential property with Civic addresses Nos. 1 Finch Private and 3405 Uplands Drive, Ottawa, Ontario ("Phase One Property", "Property" or "Site").

This Phase One ESA is being completed as part of due diligence requirements associated with the submission of a Development Application to the City of Ottawa Municipal Planning Department.

The Phase One Property was undeveloped prior to the late 1980's when construction of the present-day residential building was completed circa 1980 on the north portion of the Phase One Property. The remaining undeveloped area on the south portion of the Phase One Property is landscaped/vegetated.

The Property is currently used for residential purposes and is zoned for residential use. The Phase One Property was transferred to City of Ottawa Non-Profit Housing Corporation in October of 1981, and subsequently to Ottawa Community Housing Corporation (OCH) in 2003 and 2004. It is understood that the intended future use is still for residential purposes. The Phase One Property is immediately surrounded by paved access laneways to the north and west followed by residential properties to the north, south, east and west.

No Potentially Contaminating Activities (PCAs) were identified at the Phase One Property. A dry cleaner, a retail fuel outlet and an automotive service garage were identified at neighbouring properties in the Phase One Study Area and constitute PCAs. The PCAs identified at neighbouring properties in the Phase One Study Area are included in Table 1 below.



**Table 1: Potentially Contaminating Activities and Areas of Potential Environmental Concern**

PCA Report Reference No.	Potentially Contaminating Activity	Location	APEC Report Reference No.
1	Dry Cleaners (O.Reg. 153/04 PCA Item 37: Operation of Dry-Cleaning Equipment (where chemicals are used))	3310 McCarthy Road (Commercial Plaza) - Property limits 150 m north of the Phase One Property, operations 230 m north	Not Applicable
2	Retail Fuel Outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	3332 McCarthy Road (Commercial Property) - Property limits 230 m north of the Phase One Property, operations 310 m north	Not Applicable
3	Automotive Service Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	3332 McCarthy Road (Commercial Property) - Property limits 230 m north of the Phase One Property, operations 290 m north	Not Applicable

Based on the location and orientation of the PCAs identified as part of this Phase One ESA, they are not considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property.

## 2. Introduction

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Lopers & Associates (Lopers) was retained by Ottawa Community Housing Corporation (OCH) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the residential property with Civic address No. 1 Finch Private and 3405 Uplands Drive, Ottawa, Ontario ("Site" or "Phase One Property"). No. 1 Finch Private represents the existing three-storey residential building and 3405 Uplands Drive represents the undeveloped southern portion of the Site.

The Phase One Property is legally described as All of Blocks N, O, & P on Plan 4M-153 and Part of Lot 5 Concession 2 (Rideau Front), Geographic Township of Gloucester, City of Ottawa as presented on the Topographic Survey Plan prepared by Farley, Smith & Denis Surveying Ltd. dated December 4, 2020. The Phase One Property has property identifier numbers of 04059-0120, 04059-0121 and 04059-0122 as obtained from the Chain of Title completed by READ Abstracts Limited and the Topographic Plan of Survey. A copy of the Topographic Plan of Survey is presented in Appendix A.

and has property identifier numbers of 04059-0120, 04059-0121 and 04059-0122 as obtained from the Chain of Title completed by READ Abstracts Limited and Identification of Property Limits completed by Atelier 292 Architect Inc., in May 2020, provided by OCH; a copy of the Identification of Property Limits is presented in Appendix A.

Based on approximate dimensions obtained from the City of Ottawa's GIS mapping software, the Phase One Property has an approximate area of 1,672 m<sup>2</sup> (0.17 Hectares) and a zoning designation of R5B H(18), which signifies a residential use zone with a height restriction of 18 meters. The approximate elevation of the Phase One Property as indicated on the Topographic Map and confirmed through City of Ottawa mapping and Google Earth is between approximately 97 and 98 m above mean sea level (m AMSL). The approximate centre of the Phase One Property has Latitude and Longitude coordinates of 45° 20' 52" N and 75° 40' 13" W and Universal Transverse Mercator (UTM) coordinates of 447483 m E and 5021813 m N.

The Phase One Property is currently owned by OCH. It is Lopers' understanding that OCH intends to redevelop the Phase One Property for residential purposes, including the current concept for construction of one building approximately six storeys in height, with partial subgrade floors and/or utility rooms. It is understood that the building which currently occupies the Property will be demolished prior to redevelopment. A copy of an architect's redevelopment options for the Property, as provided by OCH, is presented in Appendix B.

This Phase One ESA was commissioned by Mr. Barron Meyerhoffer, Director of Development for OCH. Ottawa Community Housing Corporation has a business address of 39 Auriga Drive, Ottawa, Ontario, K2E 7Y8 and a business telephone number of 613-731-1182.

### 3. Scope of Investigation

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This Phase One ESA has been completed as per the details of scope presented in Lopers' Letter entitled "Proposal for Phase One Environmental Site Assessment & Coordination and Field Supervision of Drilling Program, Proposed Residential Development, 1 Finch Private and 3405 Uplands Drive, Ottawa, ON", dated August 25, 2020, reference No. PRO-006-20-OCH. An original Phase One ESA report was issued October 29, 2020; OCH commissioned an update to the existing Phase One ESA report on April 11, 2023.

The Phase One ESA has been prepared in accordance with the technical requirements and formatting guidance as presented by the Ministry of Environment, Conservation and Parks (MECP) in Ontario Regulation (O.Reg.)153/04, as amended March 18, 2021. This report's format is based on the provincial regulation for brownfields redevelopment which has been adopted as a standard by the City of Ottawa for development applications.

The scope of work for the Phase One ESA involved the following components:

- Historical Research (Review of available historical reports, public environmental databases, Fire Insurance Plans (FIPs), Aerial Photographs, geological mapping and any other relevant environmental records which were readily accessible at the time of the Phase One ESA);
- Requests for Information from the MECP Freedom of Information (FOI), Technical Standards and Safety Authority (TSSA), and City of Ottawa Historical Land Use Inventory (HLUI);
- Subcontracted research of environmental databases through Environmental Risk Information Services (ERIS);
- Property Title Search (subcontracted through READ Abstracts Limited and reviewed herein);
- Physical Site inspection;
- Interviews with persons knowledgeable about the Property and past uses;
- Interpretation of findings;
- Preparation of a Phase One ESA report.

The specific objectives of the Phase One ESA are to:

- Provide an overview of the Phase One Environmental Site Assessment conducted with respect to the Phase One Property.
- Provide an environmental record of the Phase One Property, in a manner that can be assessed, tested and reconstructed, to document and demonstrate:
  - How the objectives of the Phase One ESA were achieved and how the requirements for the objectives were met;

- Whether further investigation is required to submit a Record of Site Condition (RSC) for filing;
- Whether there exists an adequate basis for further investigation; and,
- The basis for required certifications.

## 4. Records Review

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### a) General

#### i. Phase One Study Area

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

#### ii. First Developed Use Determination

A land title search was completed by READ Abstracts Limited for the Phase One Property. The title search indicates that the Phase One Property was owned by individuals since at least 1940 until 1973 when ownership of the portions of the Property began to be transferred between corporations. The Property ownership was transferred to the City of Ottawa between 1975 and 1980 and subsequently to City of Ottawa Non-Profit Housing Corporation in 1981. During an information gathering interview conducted with members of OCH, representatives stated that the northern portion of the Property was developed in 1980.

Aerial photographs reviewed from 1965 and 1976 show that the Phase One Property was under agricultural use. The 1978 aerial photograph shows the presence of residential development in the Phase One Study Area, specifically, immediately south of the Phase One Property. The 1991 aerial photograph shows residential development at the Phase One Property in its current configuration.

Based on the information reviewed as part of this Phase One ESA, specifically the title search, interview and aerial photographs, the first developed use of the Phase One Property is considered to be 1980.

#### iii. Fire Insurance Plans

Fire insurance plans (FIPs), were reviewed where available, for the City of Ottawa as part of this Phase One ESA.

There was no coverage in the FIPs for the Phase One Property or for properties located in the Phase One Study Area as part of available FIPs.

iv. Chain of Title

A chronological chain of title was prepared by READ Abstracts Limited for the Phase One Property. The chain of title provides the names of historical owners, lessees and dates of ownership for the Phase One Property dating back to 1940. The legal description as obtained from the Chain of Title was Blocks O, P, and Q on Plan 4M153 and Part of Lot 5 Concession 2 Rideau Front, Gloucester as in OT45289, now in the City of Ottawa with property identifier numbers of 04059-0120, 04059-0121 and 04059-0122.

Based on additional historical research completed as part of this Phase One ESA and a review of the chain of title, the Phase One Property was under agricultural use with no developed use prior to 1965. A chain of title ownership summary was prepared dating back to 1940 and is presented in Table 2 below. A copy of the Chain of Title for the Phase One Property, as prepared by READ Abstracts Limited for the Phase One Property is provided in Appendix C.

**Table 2: Chain of Title Ownership Summary**

<b>Year(s)</b>	<b>Phase One Property Ownership</b>
<b>PIN 04059-0120 &amp; PIN 04059-0121</b>	
Prior to September 27, 1940	Joseph Potvin
1940 to 1961	May Labelle
1961 to 1970	Aldea Charlebois and Vitalise Charlebois, Jeanette Boileau, Edgar Labelle, Alice Rioux, Roger Labelle, Emilie Labelle, Estate of Ernest Labelle, Urvashi Dilawri, Helen Laurin and Marcel Boileau, Hari O. Dilawri
1970 to 1973	John P. O'Connor
<b>PIN 04059-0120</b>	
1973 to 1975	Hunt Club Road Estates Limited
1975 to 1981	The Corporation of the City of Ottawa
1981 to 2003	City of Ottawa Non-Profit Housing Corporation
December 29, 2003 to Present	Ottawa Community Housing Corporation
<b>PIN 04059-0121</b>	
1973 to 1977	Hunt Club Road Estates Limited
1977	Tartan Development Corporation
1977 to 1988	The Corporation of the City of Ottawa
1988 to 2003	City of Ottawa Non-Profit Housing Corporation

<b>Year(s)</b>	<b>Phase One Property Ownership</b>
December 29, 2003 to Present	Ottawa Community Housing Corporation
<b>PIN 04059-0122</b>	
Prior to September 27, 1940	Joseph Potvin
1940 to 1950	May Labelle
1961	Rose Roberta
1980 to 1981	The Corporation of the City of Ottawa
1981 to 2004	City of Ottawa Non-Profit Housing Corporation
<b>Entire Phase One Property</b>	
December 29, 2003 to Present	Ottawa Community Housing Corporation

Based on the chain of title ownership summary there are no defined Potentially Contaminating Activities (PCAs) known to be associated with the ownership of the Phase One Property.

v. Environmental Reports

No previous environmental reports for the Phase One Property were provided as part of the historical review for this Phase One ESA. According to OCH representatives, no previous environmental studies have been completed for the Phase One Property.

A geotechnical drilling investigation was completed concurrently with the Phase One ESA. The geotechnical investigation report was prepared by Paterson Group Inc. in 2020. The following observations were noted from the drilling investigation. Five boreholes were drilled at the Phase One Property, including one at each corner and one borehole near the approximate center of the property. Soil conditions were observed to consist of silty sand and gravel fill (suspected to have been re-worked as part of grading activities) over silty sand and gravel glacial till, which was underlain by limestone bedrock. Bedrock was observed to be between approximately 2.5 and 5 m below ground surface (m BGS). No evidence of odours, staining, elevated volatile vapour headspace concentrations or deleterious fill were observed during the geotechnical drilling investigation.

b) Environmental Source Information

A review of the readily available environmental source information records was completed as part of this Phase One ESA.

As part of environmental source information review, Environmental Risk Information Systems (ERIS) was also contracted to complete a search of their records of environmental data bases within 250 m of the Site. The ERIS databases searches were completed as part of the Phase One

ESA research, the first dated September 1, 2020 and the second dated April 11, 2023. The pertinent search results to this Phase One ESA are presented in the following subsections. A copy of the ERIS database searches are included as Appendix D.

### **National Pollutant Release Inventory**

The National Pollutant Release Inventory (NPRI) is a database maintained by Environment and Climate Change Canada (ECCC). Reporting of releases of pollutants into the natural environment are reported annually by corporations and/or their representatives and posted for public record by ECCC. Presently, data is available and posted for the years 1994 through 2017. No records were identified within 250 m of the Phase One Property during a review of the posted NPRI data on the ECCC electronic website on September 1, 2020 and April 26, 2023 and the results were confirmed through the subcontracted ERIS searches. The Great Atlantic and Pacific Company of Canada at 3310 McCarthy Road, located approximately 150 m north of the Property, had one record of releases to air, listed in 2004; these releases are not associated with a potentially contamination activity (PCA) and do not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.

### **Polychlorinated Biphenyl (PCB) Inventories**

The MECP, formerly known as the Ministry of Environment and Energy, published the "Ontario Inventory of PCB Storage Sites". The inventory documented the company information, physical address, number of tonnes of liquid PCBs by region. No records were identified within 250 m of the Phase One Property during a review this document and the results were confirmed through the subcontracted ERIS searches.

The ERIS search also reviewed the National PCB Inventory, which details in-use PCB containing equipment in federal, provincial and private facilities; this database was last updated in 2008. No records were identified within 250 m of the Phase One Property during a review this database.

### **Environmental Instruments**

Environmental Instruments, such as Environmental Compliance Approvals (ECAs), Certificates of Approval (CAs), Permits to Take Water (PTTWs), Risk Management Plans (RMPs), and Certificates of Property Use (CPUs) are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties.

FOI requests were submitted to the MECP as part of this Phase One ESA in September 2020 and April 2023. Copies of the FOI responses from April 7, 2021 and April 28, 2023 are included as Appendix E. The April 7, 2021 and April 28, 2023 FOI responses indicated that the MECP had not located any environmental records for the Phase One Property during a search of their



databases. The ERIS search did not identify any records of environmental instruments at the Phase One Property or within the Phase One Study Area.

### **Inventory of Coal Gasification Plants**

The document "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. for the Ontario Ministry of the Environment, dated July 1988 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through the subcontracted ERIS searches.

### **Environmental Records of Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections maintained by the Ministry**

Environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

FOI requests were submitted to the MECP as part of this Phase One ESA in September 2020 and April 2023. Copies of the FOI responses from April 7, 2021 and April 28, 2023 are included as Appendix E. The April 7, 2021 and April 28, 2023 FOI responses indicated that the MECP had not located any environmental records for the Phase One Property during a search of their databases.

The ERIS searches did not identify any records of environmental incidents or orders at the Phase One Property; however, three records of spills were identified within 250 m of the Phase One Property. A spill of 20 L coolant from a City of Ottawa bus was recorded at the corner of Bennett Street and Uplands Drive, approximately 120 m south of the Phase One Property, in March of 2007; this spill is not a PCA and therefore does not represent an APEC for the Phase One Property. Two spills of refrigerant gas were recorded at 3310 McCarthy Road, approximately 150 m north of the Phase One Property, in 2009 and 2010, respectively; these spills are not PCAs and therefore do not represent APECs for the Phase One Property.

### **Waste Management Records**

Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS searches also confirm the filing of such records associated with properties.

FOI requests were submitted to the MECP as part of this Phase One ESA in September 2020 and April 2023. Copies of the FOI responses from April 7, 2021 and April 28, 2023 are included as Appendix E. The April 7, 2021 and April 28, 2023 FOI responses indicated that the MECP had not located any environmental records for the Phase One Property during a search of their databases.

The ERIS searches did not identify any waste generators at the Phase One Property but did identify nine records of waste generators at three properties within 250 m of the Phase One Study Area.

Tanneof Cooperative Homes Inc. and Elevation Elevator Inc., with a property address at 131 Twyford Street, with property limits located approximately 50 m northeast of the Phase One Property, were listed as a generator of waste crankcase oils and lubricants as of 2017. It is suspected that these waste registrations were associated with a commercial business operating out of the residential property where the registrations are listed. These waste generators are not suspected to be associated with a PCA and do not represent APECs for the Phase One Property.

A&P Super Fresh and Rio-Can Property Services, with a property address at 3310 McCarthy Road, with property limits located approximately 150 m north of the Phase One Property, were listed as generators of photo-processing wastes from 1998 to 2004. It is suspected that these waste registrations were associated with commercial photo development businesses operating out of the grocery store where the registrations are listed. These waste generators are not suspected to be associated with a PCA and do not represent APECs for the Phase One Property.

Shoppers Drug Mart and A. M. Pharmacare Limited, with a property address at 3310 McCarthy Road, with property limits located approximately 150 m north of the Phase One Property, was listed as a generator of pharmaceuticals and pathological wastes from 2000 to 2001 and 2015, 2016, 2018 and 2020. These waste generators are not suspected to be associated with a PCA and do not represent APECs for the Phase One Property.

### **MECP Property Specific Reports**

Reports submitted to the Ministry related to environmental conditions are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of such records associated with properties.

FOI requests were submitted to the MECP as part of this Phase One ESA in September 2020 and April 2023. Copies of the FOI responses from April 7, 2021 and April 28, 2023 are included as Appendix E. The April 7, 2021 and April 28, 2023 FOI responses indicated that the MECP had not located any environmental records for the Phase One Property during a search of their databases. The ERIS searches did not identify any records of environmental reports at the Phase One Property, or properties within 250 m of the Phase One Property.

### **Technical Standards and Safety Authority**

Records of retail fuel storage tanks, retail fuel outlets, spills, releases, and other associated information is maintained by the Technical Standards and Safety Authority (TSSA). These records can be obtained through electronic communications with the TSSA. The subcontracted ERIS search also confirms the filing of such records associated with properties.

The TSSA was contacted by email to complete a search of available records associated with the current property address and addresses of surrounding properties with historical environmental listings (based on other historical research). The TSSA responses, received on August 28, 2020 and April 12, 2023, did not identify the presence of any fuel storage tanks at the Phase One Property or immediately adjacent properties. A copy of the TSSA responses are included as Appendix F.

The subcontracted ERIS searches did not identify any records of private and retail fuel storage tanks or historic incidents in the Phase One Study Area.

### **Registry Filings**

Records of notices and instruments, including records of site condition (RSC), which have been posted in the environmental registry, are maintained by the MECP. These records can be reviewed electronically on the MECP Environmental Site Registry (ESR) website. The subcontracted ERIS searches also confirm the filing of such records associated with properties. The website was reviewed for RSCs filed at the Phase One Property and in the Phase One Study Area; no RSCs have been filed for the Phase One Property or for any properties in the Phase One Study Area.

### **Areas of Natural and Scientific Interest**

Records of areas of natural and scientific interest (ANSIs) formerly referred to as areas of natural significance, are maintained by the Ministry of Natural Resources and Forestry (MNRF), and are available for review on the Ontario GeoHub website. The website was reviewed on August 28, 2020 and April 26, 2023 for records of ANSIs in the Phase One Study Area. There were no ANSIs identified within 250 m of the Phase One Property.

### **Current and Historical Landfills**

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document.

The City of Ottawa contracted Golder Associates Ltd. to conduct an inventory and assessment of former waste disposal sites in within the City of Ottawa. The document "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., finalized October 2004, was reviewed as part of this Phase One ESA. No

records of active or former landfills were identified within 250 m of the Phase One Property during a review of this document.

### **City of Ottawa Historical Land Use Inventory**

The City of Ottawa's Planning, Infrastructure and Economic Development department was contacted to complete a search of the Historical Land Use Inventory (HLUI) maintained by the City. The responses, received on October 2, 2020 and May 4, 2023, indicated that the HLUI search did not identify any activities (of environmental significance) at the Phase One Property, however, seven activities were identified at four properties within the Phase One Study Area.

- Kluke's Snow Removal & Roofing was identified in 2001 at 3339 Paul Anka Drive, approximately 150 m north of the Phase One Property. This listing does not represent a PCA.
- Brown's Cleaners was identified in 2001 at 3310 McCarthy Road, approximately 150 m north of the Phase One Property. It is still present. The dry-cleaners represents PCA #1, however, these operations are located a significant distance from the Phase One Property and are cross-gradient to the Phase One Property, so are not considered to represent an APEC for the Property.
- Great Atlantic & Pacific Co. of CDA LTD. was identified in 2000 at 3310 McCarthy Road, approximately 150 m north of the Phase One Property. This listing does not represent a PCA.
- Eric's Concrete & Masonry Services limited. was identified from 2001 through 2005 at 3332 McCarthy Road, approximately 230 m north of the Phase One Property. This listing does not represent a PCA.
- Don Fournier Service Centre and McCarthy Automotive Service Centre were identified in 1998, 2001 and 2005 at 3332 McCarthy Road, approximately 230 m north of the Phase One Property. The gasoline service station represents PCA #2 and the automotive service garage represents PCA #3, however, these operations are located a significant distance from the Phase One Property and are cross-gradient to the Phase One Property, so are not considered to represent an APEC for the Property.
- A Potvin Construction Limited was identified in 2005 at 120 Annapolis Circle, approximately 250 m north-northeast of the Phase One Property. This listing does not represent a PCA.

Additional activities were identified at properties in the HLUI study area; however, these activities were either located outside of the Phase One Study Area and/or are not associated with PCAs. Three of the identified listed 'activities' at neighbouring properties are PCAs, however based on the distances of these PCAs with respect to the Property, no APECs were identified for the Phase One Property as part neighbouring land use during a review of the HLUI. A copy of the HLUI response letters from October 2, 2020 and May 4, 2023 are included in Appendix G.

## c) Physical Setting Sources

### i. Aerial Photographs

Aerial Photographs were reviewed for the Phase One Property and Phase One Study Area from available sources as part of the historical review. Aerial photographs were reviewed from historical research previously completed in the Phase One Study Area, Google Earth Aerial Imagery and from the City of Ottawa's geoOttawa GIS tool. Supplemental aerial photographs were ordered through (ERIS) and were reviewed. Aerial Photographs were reviewed over the period of 1965 through 2021, which depict development at the Phase One Property. A summary of the information gleaned from the aerial photographs is provided below. Copies of the aerial photographs reviewed are provided in Appendix H.

#### **1965 Aerial Photograph**

Phase One Property is undeveloped and appears to be vegetated and/or used for agricultural purposes. Surrounding properties appear to be used for agricultural and/or rural/residential purposes.

#### **1976 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the north and east portions of the Phase One Study Area. Soil disturbance, interpreted to be associated with initial development of municipal rights-of-way and future residential development is apparent to the south and west of the Phase One Property.

#### **1978 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the east portion of the Phase One Study Area. The neighbouring property to the south of the Phase One Property has been developed with what appear to be the present-day residential townhouses. The present-day commercial plaza has been constructed further north of the Phase One Property. Uplands Drive has been constructed to the west of the Phase One Property. Residential development is also apparent further north of the Property and to the west of Uplands Drive.

#### **1991 Aerial Photograph**

The Phase One Property has been developed with what appears to be the present-day multi-unit residential building on the north portion of the Property. The south portion of the Property appears to be undeveloped and is treed/vegetated. Neighbouring properties to the east, west and immediately north have been developed with what appear to be their present-day residential buildings. Increased residential development is apparent in general in the Phase One Study Area.

### **1999 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

### **2008 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

### **2017 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

### **2021 Aerial Photograph**

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

No PCA were identified at the Phase One Property or at neighbouring properties in the Phase One Study Area as during the review of historical aerial photographs.

#### ii. Topography, Hydrology, Geology

The Ontario Ministry of Natural Resources and Forestry's (MNRF's) Topographic Map GIS website was used to produce a topographic map showing the location of the Phase One Property, nearby water bodies and the regional topography of the Phase One Study Area. A copy of the Topographic Map is provided in Appendix I. The regional topography in the Phase One Study Area is undulating but generally slopes downward to the northwest, toward the Rideau River or to the northeast towards the Sawmill Creek (constructed) wetlands. The topography on the Phase One Property slopes downward from southeast to northwest. The Rideau River is located approximately 2 km northwest of the Phase One Property.

Information on the regional surficial soil was obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa Hull. Based on a review of the map, the natural soil conditions in the Phase One Study Area consist of "Bedrock – Limestone, dolomite, locally shale, sandstone (Paleozoic); mainly bare, tabular outcrops; includes areas thinly veneered by unconsolidated sediments up to 2 m thick".

Information on the regional bedrock was obtained from the Ontario Geological Survey Map P2716 titled 'Paleozoic Geology Ottawa Area'. Based on a review of the map, the Phase One Study Area is underlain by bedrock of the Gull River Formation, described as "interbedded silty limestone, lithographic to fine crystalline limestone, oolitic limestone, shale, and fine grained calcareous quartz sandstones".

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from the concurrent geotechnical subsurface investigation at the Phase One Property were reviewed. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, followed by silty sand and gravel (Glacial Till). The overburden soil is underlain by interbedded shale and limestone bedrock.

iii. Fill Materials

The Phase One Property was developed circa early 1980's with the existing residential building. It is suspected that grading during initial development resulting in the movement of on-Site materials. No evidence of non-native or deleterious fill material was observed during the subsurface drilling and sampling, completed as part of a concurrent geotechnical investigation. The presence of imported fill material is not suspected at the Phase One Property.

The north portion of the Property was a laneway and paved asphalt parking areas. Granular base fill material is expected to have been used as part of construction of the aforementioned features; this fill type is not considered to represent a PCA, as gravel does not meet the definition of soil.

iv. Water Bodies and Areas of Natural Significance & Ground Water Information

The closest significant water body to the Phase One Property is the Rideau River, located approximately 2 km northwest of the Phase One Property. There were no areas of natural and scientific interest (ANSIs or areas of natural significance) identified in the Phase One Study Area.

The Phase One Property and Study Area are not located in the vicinity of any well-head protection areas or other designation identified by the City of Ottawa in its official plan for the protection of ground water. The Phase One Study Area is serviced by municipally treated drinking water. No private or agricultural water supply wells are operating within the Phase One Study Area.

v. Well Records

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. No water wells were identified at the Phase One Property.

Two historic potable water supply wells were identified in the Phase One Study Area during a review of the MECP Water Well Records database, however, these wells were drilled in the 1950s and were located at properties that have since been redeveloped. Additionally, the Phase One Study Area is provided with municipally treated non-potable water and as such it is not suspected that these wells remain in use.

Based on the available well records, the general stratigraphy of the Phase One Study Area consists of sand or sand and gravel glacial till, underlain by limestone bedrock. The approximate



depth to bedrock is expected to range from 3 to 5 m BGS, with a groundwater table at approximately 5 to 6 m BGS.

#### d) Site Operating Records

The Phase One Property is was first developed for residential purposes in the early 1980's and has been residential use since development. Any operating records that exist for the Property are limited to tenant occupancy and maintenance/repairs completed for the developed portions of the Property. None of the operating records are considered to represent PCAs for the Phase One Property.

## 5. Interviews

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An interview was completed by email on September 30, 2020 with Mr. Barron Meyerhoffer, Director of Development for OCH; Mr. Meyerhoffer was interviewed again by telephone on April 12, 2023. Mr. Meyerhoffer and/or members of OCH have been familiar with the Phase One Property since the 1980's when the Property was transferred to OCH from the City of Ottawa. Mr. Meyerhoffer stated that the Property was developed for residential occupancy in 1980 and he was not aware of any other historical developed use at the Property. Mr. Meyerhoffer was not aware of any spills or poor environmental management practices associated the Phase One Property or adjacent lands. Mr. Meyerhoffer stated that no fuels or chemicals, other than commercially available domestic cleaning chemicals, are stored at the Property.

## 6. Site Reconnaissance

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#### a) General Requirements

The first Phase One Site Investigation was completed on September 3, 2020 between the hours of 3:00 PM and 5:00 PM. Weather conditions were sunny with an ambient air temperature of approximately 23 degrees Celsius. The second Phase One Site Investigation was completed on April 24, 2023 between the hours of 12:30 PM and 2:00 PM. Weather conditions were cloudy with an ambient air temperature of approximately 9 degrees Celsius.

The Phase One Property was occupied by one multi-unit residential building at the time of the Site Investigation. The residential building was partially occupied at the time of the Site Investigation. The Site Investigation was completed by Mr. Luke Lopers, who is a registered Professional Engineer (Environmental) in the province of Ontario and a Qualified Person (QP) for Environmental Site Assessments, and has been conducting Phase I/One Environmental Site

Assessments and environmental reconnaissance since 2006. Mr. Lopers was unaccompanied during the Site Investigation.

Photographs were taken of the exterior of the Phase One Property, documenting the condition of the Phase One Property, any potential environmental concerns, areas of disturbed soils and surrounding properties. A copy of the Photographic Log and written descriptions of the photos are provided in Appendix J.

#### b) Specific Observations at Phase One Property

The Phase One Property was developed with one multi-unit residential building at the time of the Site Investigation.

The residential building is a three-storey, slab-on-grade building. Surface parking is present at grade, which is located below the second storey on the north side of the building. There were nine residential units in the building, with three units present on each level. Access to the units is on the north portion of the building. The exterior of this building is finished with vinyl and/or wood siding, has a sloped asphalt shingle roof and steel or glass doors. No sumps were observed in the interior of the building. Floor drains were observed in each of the mechanical rooms on the ground floor of the building; these drains were active and drain to the municipal sanitary sewer system.

There were no above or below ground structures other than the aforementioned building present on the Phase One Property at the time of the Site investigation.

No aboveground storage tanks (ASTs) or visual indications of the presence of underground storage tanks (USTs), such as vent and fill pipes or access hatches, were observed as part of the Site Investigation.

No potable water wells were observed at the Phase One Property during the Site Investigation. The Phase One Property is provided with potable water by the City of Ottawa through an underground connection from Finch Private to the west of the building.

Underground utility corridors for sanitary and storm sewers, potable water, private electricity and natural gas lines lead to the residential, generally from Finch Private to the west or north of the building. Underground electrical services are supplied to the residential building through an underground service trench on the west portion of the Property.

The residential units throughout the building are heated with natural gas fired furnaces, present in each of the mechanical rooms; supplemental baseboard heaters were also observed in the ground floor units. Window mounted air conditioners were observed at some of the residential units. There were no details regarding former heating and cooling systems, including historical fuel sources for building at the Phase One Property, however, given the date of development of the Property, it is suspected that the current building has always been heated and cooled using natural gas or electricity.

There were no significant cracks or stains on the concrete or finished floors of the residential units.

The building is connected to the City of Ottawa municipal sanitary sewer system. There were no septic tanks or leaching beds observed at the Phase One Property as part of the Site Investigation.

Approximately 30% of the Phase One Property is developed with the residential building. An asphalt surfaced parking area and access laneway are present on the north portion of the Property. The remainder of the Property is landscaped with shrub vegetation and mature trees on the south portion of the Property.

There were no current or former railway lines, tracks or spurs identified at the Phase One Property or in the Phase One Study Area as part of the Site Investigation.

No surficial staining was observed on the asphalt or landscaped surfaces of the Phase One Property during the Site Investigation. No stressed vegetation was observed.

The presence of fill material was not apparent during the Site Investigation as the majority of the Property was overgrown with heavy vegetation.

i. Enhanced Investigation Property

The Phase One Property is not currently operating for any industrial use or any of the following commercial uses: as a garage, as a bulk liquid dispensing facility, including a gasoline outlet, or for the operation of dry-cleaning equipment. The Phase One Property is hence not an enhanced investigation property.

c) Land Use Observations of the Phase One Study Area

Properties in the Phase One Study Area were reviewed from publicly accessible Rights-of-Way as part of the Site Investigation on September 3, 2020 and again on April 24, 2023. Uses of these lands were noted and any potential presence of PCAs was also assessed. Neighbouring land uses were recorded as follows:

**North:** Residential townhouses, followed by parkland, followed by residential properties and a commercial plaza at the northern limit of the Phase One Study Area.

**East:** Residential dwellings, followed by Twyford Street, followed by residential dwellings and apartment buildings.

**South:** Residential townhouses, followed by Uplands Drive, followed by residential properties.

**West:** Finch Private, followed by parkland, followed by residential townhouses, followed by Uplands Drive, followed by residential properties and a greenway corridor.

Neighbouring land uses are shown on Figure 3: Surrounding Land Use. Three PCAs were observed during the review of land use in the Phase One Study Area. A dry-cleaners was

observed in the commercial plaza at 3310 McCarthy Road, with property limits and operations located 150 m and 230 m northeast of the Phase One Property respectively. The dry cleaners represents PCA #1, however, this operation is located a significant distance from the Phase One Property and is cross-gradient, so is not considered to represent an APEC for the Property.

An automotive retail fuel outlet and automotive service garage were observed at the commercial property at 3328 McCarthy Road with property limits 230 m north and operations 310 m and 290 m north of the Phase One Property, respectively. The current uses of the neighbouring properties are not considered to represent any APECs for the Phase One Property. The retail fuel outlet represents PCA #2 and the automotive service garage represents PCA #3, however, these operations are located a significant distance from the Phase One Property and are cross-gradient to the property and are not considered to represent APECs for the Property.

## 7. Review and Evaluation of Information

### a) Current and Past Land Use

The current and past land use of the Phase One Property, dating back to the first developed use, is provided in Table 3 below.

**Table 3: Current and Past Land Use**

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
1940 – 1973	Individuals	Property is undeveloped and possibly used for agricultural purposes	Agricultural or other use	Property owned by individuals. 1965, 1976 and 1978 aerial photographs show Property in undeveloped condition.
1973 – 1975	Individuals & Hunt Club Road Estates Limited			
1975 – 1977	Individuals & Hunt Club Road Estates Limited & The Corporation of the City of Ottawa			
1977 – 1980	Individuals & The Corporation of the City of Ottawa			
1981	The Corporation of the City of Ottawa	North portion developed with present day residential townhomes.	Residential Use	Interviews with the owner of the Phase One Property indicated that the Property was developed in 1980 with the present-day building.
1981 – 1988	The Corporation of the City of Ottawa & City of Ottawa Non-Profit Housing Corporation	South portion remains undeveloped.		Aerial photographs from 1991 through 2021 show the presence of present-day townhomes. Site Investigation confirmed continued residential use.
1988 – 2003	City of Ottawa Non-Profit Housing Corporation			
2003 - Present	Ottawa Community Housing Corporation			

b) Potentially Contaminating Activity

No Potentially Contaminating Activities were identified at the Phase One Property. Three PCAs were identified at neighbouring properties in the Phase One Study Area and are summarized in Table 4 below.

**Table 4: Potentially Contaminating Activities in the Phase One Study Area**

PCA Report Reference No.	Potentially Contaminating Activity	Location
1	Dry Cleaners (O.Reg. 153/04 PCA Item 37: Operation of Dry-Cleaning Equipment (where chemicals are used))	3310 McCarthy Road (Commercial Plaza) - Property limits 150 m north of the Phase One Property, operations 230 m north
2	Retail Fuel Outlet (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	3332 McCarthy Road (Commercial Property) - Property limits 230 m north of the Phase One Property, operations 310 m north
3	Automotive Service Garage (O.Reg. 153/04 PCA Item 52: Storage, Maintenance, Fuelling and Repair of Equipment, Vehicles, and Material used to Maintain Transportation Systems)	3332 McCarthy Road (Commercial Property) - Property limits 230 m north of the Phase One Property, operations 290 m north

c) Areas of Potential Environmental Concern

Based on the location and orientation of the PCAs identified as part of this Phase One ESA, they are not considered to represent APECs for the Phase One Property. A Phase Two Environmental Site Assessment is not required for the Phase One Property.

d) Phase One Conceptual Site Model

Three Figures are provided to visually depict the Conceptual Site Model. Figure 1: Key Plan shows the location of the Phase One Property within the City of Ottawa. Figure 2: Site Plan depicts the current and former structures and environmentally significant features at the Phase One Property, which depicts the current general conditions of the Phase One Property. Figure 3: Surrounding Land Use shows the current uses of properties in the Phase One Study Area, and the location of PCAs.

The Phase One Property is located at Civic Nos. 1 Finch Private and 3405 Uplands Drive, Ottawa, Ontario and has an approximate area of 0.17 Hectares.

The Phase One Property was undeveloped prior to the 1980’s when construction of the present-day residential building was completed circa 1980 on the north portion of the Phase One Property. The remaining undeveloped area on the south portion of the Phase One Property is landscaped/vegetated.

The Property is currently used for residential purposes and is zoned for residential use. The Phase One Property was transferred to City of Ottawa Non-Profit Housing Corporation in October of 1981, and subsequently to Ottawa Community Housing Corporation (OCH) in 2003 and 2004. It is understood that the intended future use is for residential purposes. The Phase One Property is immediately surrounded by paved access laneways to the north and west followed by residential properties to the north, south, east and west.

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

No water bodies or areas of natural significance are located at the Phase One Property or in the Phase One Study Area. No drinking water wells are located at the Phase One Property and the Phase One Study Area is serviced by municipally treated non-potable water.

The regional topography in the Phase One Study Area is undulating but generally slopes downward to the northwest, toward the Rideau River or to the northeast towards the Sawmill Creek (constructed) wetlands. The topography on the Phase One Property slopes downward from southeast to northwest. The Rideau River is located approximately 2 km northwest of the Phase One Property.

Based on the historical research and a concurrent geotechnical drilling investigation, the general stratigraphy of the Phase One Property and Phase One Study Area consists of silty sand and gravel fill, underlain by silty sand and gravel (glacial till). Overburden soils are expected to be up to 5 m thick and underlain by limestone bedrock. Groundwater is expected at a depth of approximately 5 to 6 m BGS and flow in a predominantly north direction.

No PCAs were identified at the Phase One Property. A dry cleaner, a retail fuel outlet and an automotive service garage were identified at neighbouring properties in the Phase One Study Area and constitute PCAs. The PCAs at neighbouring properties in the Phase One Study Area are located at significant distances and/or at a down-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

Underground utility service trenches are present at the Phase One Property. The existing underground utility corridors are not suspected to have the potential to affect contaminant distribution and transport, given that no APECs or contaminants of concern were identified for the Phase One Property as part of the Phase One ESA.

Any uncertainty or absence of information obtained in the components of this Phase One ESA are not expected to affect the validity of the conceptual site model.



## 8. Conclusions

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- i. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

No Potentially Contaminating Activities were identified at the Phase One Property.

A dry cleaner, a retail fuel outlet and an automotive service garage were identified at neighbouring properties in the Phase One Study Area and constitute PCAs. These PCAs at neighbouring properties in the Phase One Study Area are located at a significant distances and/or at a down-gradient orientations with respect to the Phase One Property and are not considered to represent APECs for the Phase One Property.

A Phase Two Environmental Site Assessment is not required for the Phase One Property.

- ii. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that there were no APECs identified at the Phase One Property, a Phase Two Environmental Site Assessment is not required before a record of site condition (RSC) may be submitted with respect to all or part of the Phase One Property.

- iii. Signatures

The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers is a Professional Engineer registered in Ontario since 2012 and has been working on environmental site assessments since 2006. Mr. Lopers has been an author, project manager and/or peer reviewer for hundreds of Phase One ESAs and Phase Two ESAs as well as previously filed RSCs

The reviewer for this study is Mr. Don Plenderleith, P.Eng. Mr. Plenderleith is a Professional Engineer registered in Ontario since 1994 and has authored and/or reviewed hundreds of Phase One and Two ESAs in Ontario and the rest of Canada. The qualifications of the assessor/Qualified Person and reviewer are included in Appendix K.

Sincerely,



Luke Lopers, P.Eng., QP<sub>ESA</sub>



Don Plenderleith, P.Eng., QP<sub>ESA</sub>



iv. Limitations

The findings and conclusions of this Phase One ESA are based on the information provided and/or reviewed as part of this study.

This Phase One ESA has been completed with the standard of care generally expected in the industry for a study of this nature.

This Phase One ESA has been prepared for the sole use of Ottawa Community Housing Corporation for the purposes of a due diligence assessment of the potential liabilities which may exist at the Phase One Property. No other party is permitted to rely on the conclusions or findings of this report without the written consent of Lopers & Associates and Ottawa Community Housing Corporation.

There were no portions of the Phase One Property which were inaccessible, or components of this ESA where insufficient information was available to complete the interpretation.

Changes to the physical setting of the Phase One Property, Phase One Study Area and applicable regulations governing Phase One Environmental Site Assessments have the potential to influence the validity of the conclusions and opinions presented in this Phase One ESA.

## 9. References

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City of Ottawa, geoOttawa GIS mapping tool, Visited August through September, 2020 and April, 2023. <http://maps.ottawa.ca/geottawa/>

City of Ottawa, Development Applications website, Visited August 28, 2020 and April, 2023. [Development Applications Search \(ottawa.ca\)](http://developmentapplications.ottawa.ca/)

Google Earth, Visited September, 2020 and April, 2023.

Architect Redevelopment Options, Atelier 292 Architect Inc., May 2020.

National Pollutant Release Inventory – Environmental Climate Change Canada online website, visited September 2, 2020 and April 26, 2023. <https://www.canada.ca/en/services/environment/pollution-waste-management/national-pollutant-release-inventory.html>

“Ontario Inventory of PCB Storage Sites”, Ministry of Environment and Energy, dated January 1993.

“Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II”, produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

“Waste Disposal Site Inventory”, produced by the Ontario Ministry of the Environment, dated June 1991.

“Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II”, produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

“Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario”, produced by Golder Associates Ltd., Dated October 2004.

Ministry of Environment, Conservation and Parks, Environmental Site Registry website, Visited September 2, 2020 and April 26, 2023. [Search Record of Site Condition \(gov.on.ca\)](http://esr.gov.on.ca/)

Ministry of Natural Resources and Forestry, Ontario GeoHub website, Visited August 28, 2020 and April 26, 2023.

[https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194\\_3?geometry=-75.706%2C45.443%2C-75.543%2C45.464](https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194_3?geometry=-75.706%2C45.443%2C-75.543%2C45.464)

Ministry of Natural Resources and Forestry, Make a Topographic Map website, Visited August 28, 2020 and April 26, 2023.

[https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make A Topographic Map&viewer=MATM&locale=en-US](https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US)

Ministry of Environment, Conservation and Parks, Water Well Records database website, Visited September 2, 2020 and April 26, 2023. <https://www.ontario.ca/environment-and-energy/map-well-records>

## 10. Appendices

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Appendix A – Legal Survey Plan

Appendix B – Architect Redevelopment Options

Appendix C – Environmental Chain of Title prepared by READ Abstracts Limited

Appendix D – Environmental Risk Information Systems (ERIS) database Searches

Appendix E – Ministry of Environment, Conservation and Parks Freedom of Information (FOI)

Appendix F – Technical Standards and Safety Association Correspondence

Appendix G – City of Ottawa Historic Land Use Inventory (HLUI)

Appendix H – Aerial Photographs

Appendix I – Topographic Map

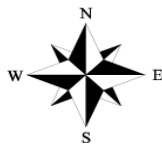
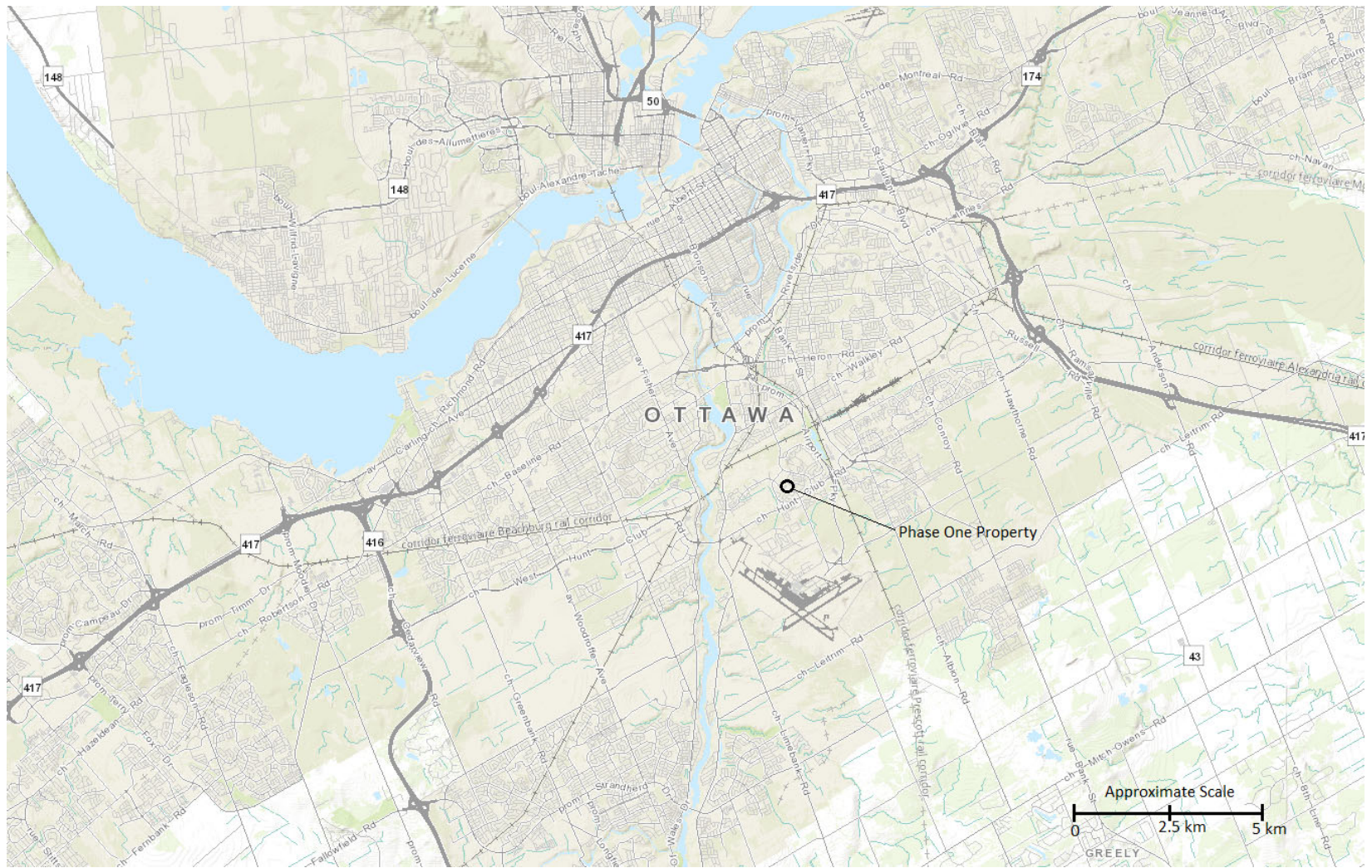
Appendix J – Photographic Log

Appendix K – Qualifications of Assessors

# Figures

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**LOPERS & ASSOCIATES**

**Figure 1: Key Plan**  
 Phase One Environmental Site Assessment  
 3405 Uplands Drive and 1 Finch Private,  
 Ottawa, Ontario  
 Ottawa Community Housing Corporation

Project Reference No:	LOP23-006B
Drawing No.:	LOP23-006B-1
Date:	April 26, 2023
Author:	L. Lopers
Source:	geoOttawa, Base Mapping

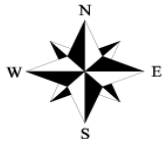
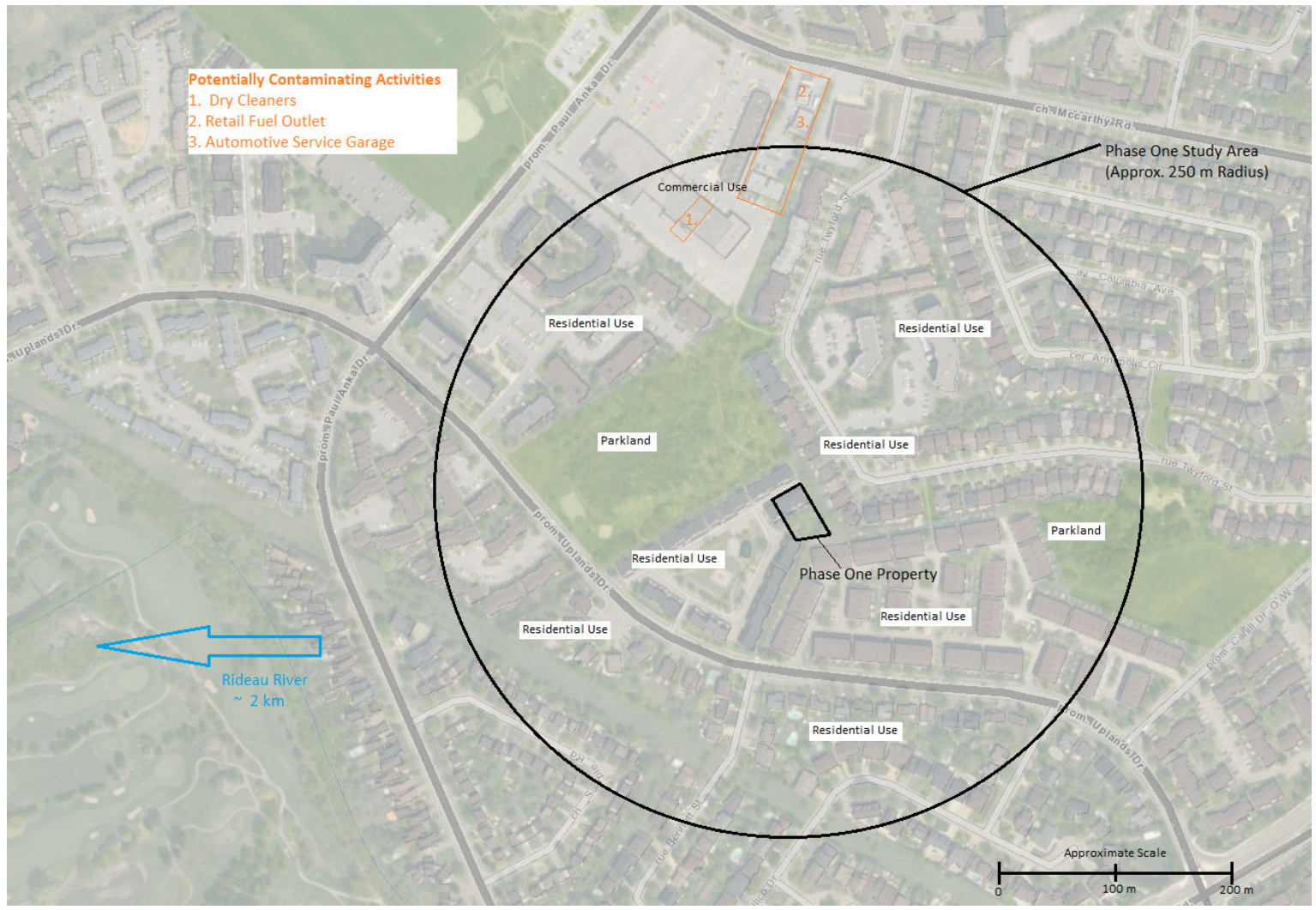


LOPERS & ASSOCIATES

**Figure 2: Site Plan**  
 Phase One Environmental Site Assessment  
 3405 Uplands Drive and 1 Finch Private,  
 Ottawa, Ontario  
 Ottawa Community Housing Corporation

Project Reference No: LOP23-006B  
 Drawing No.: LOP23-006B-2  
 Date: April 26, 2023  
 Author: L. Lopers  
 Source: geoOttawa, Base Mapping





LOPERS & ASSOCIATES

**Figure 3: Surrounding Land Use**

Phase One Environmental Site Assessment  
 3405 Uplands Drive and 1 Finch Private,  
 Ottawa, Ontario  
 Ottawa Community Housing Corporation

Project Reference No: LOP23-006B  
 Drawing No.: LOP23-006B-3  
 Date: April 26, 2023  
 Author: L. Lopers  
 Source: geoOttawa, 2017 Aerial

# Appendix A

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## Legal Survey Plan



ALL OF BLOCKS N, O, & P AND PART OF BLOCK Q REGISTERED PLAN 4M-153 AND PART OF LOT 5 CONCESSION 2 (RIDEAU FRONT) GEOGRAPHIC TOWNSHIP OF GLOUCESTER CITY OF OTTAWA FARLEY, SMITH & DENIS SURVEYING LTD. 2020

Scale 1: 200  
0 2.5 5 10 15 20 metres

Metric Note  
Distances and coordinates on this plan are in metres and can be converted to feet by dividing by 0.3048.

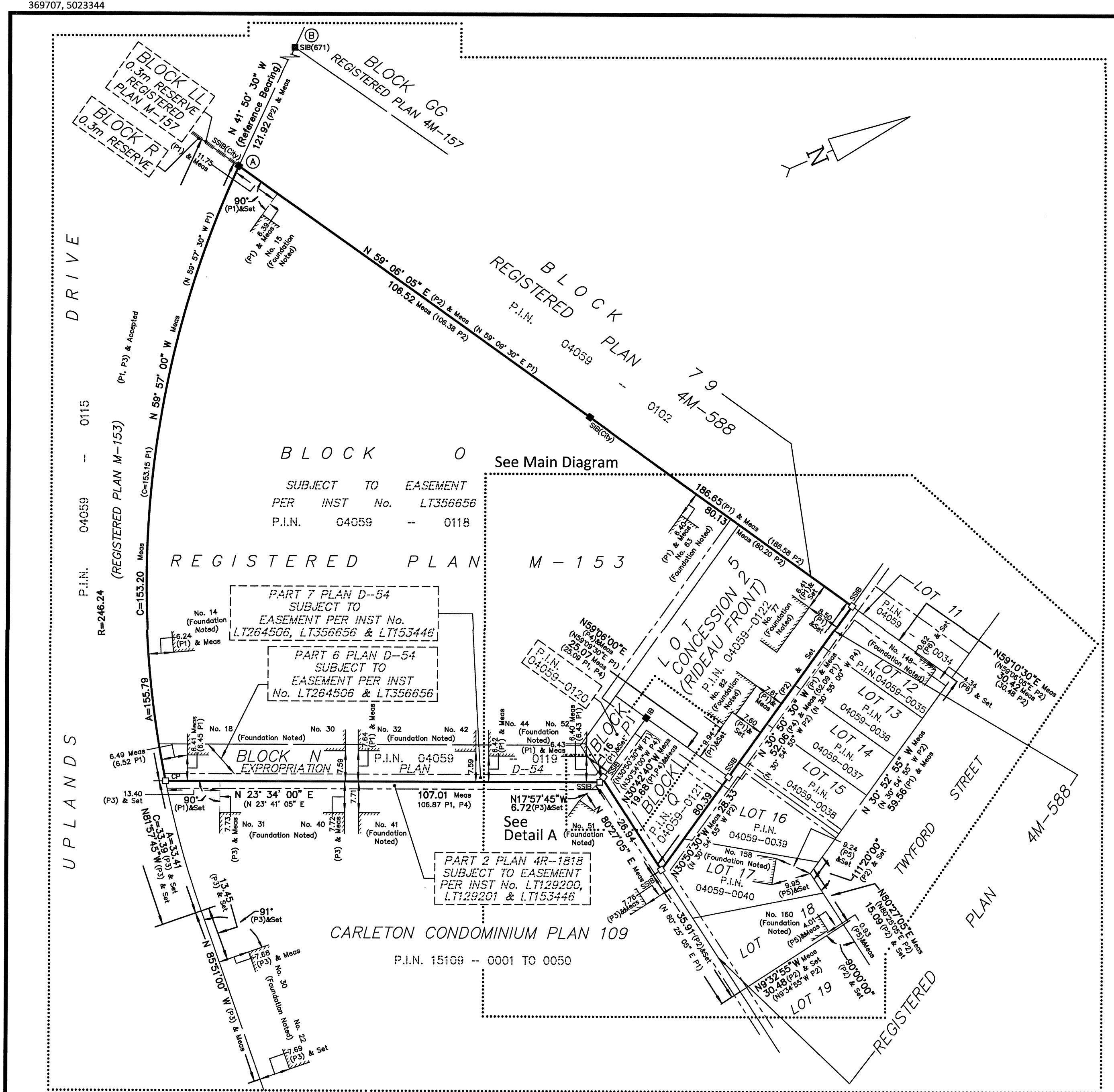
Distance Note  
Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99994.

Bearing Note  
Bearings are MTM grid, derived from the Smart-Net Real Time Network. GPS observations on reference points A and B, shown hereon, having a bearing of N 41° 50' 30" W and are referred to the Central Meridian of MTM Zone 9 (76° 30' West Longitude) Nad-83 (Original).

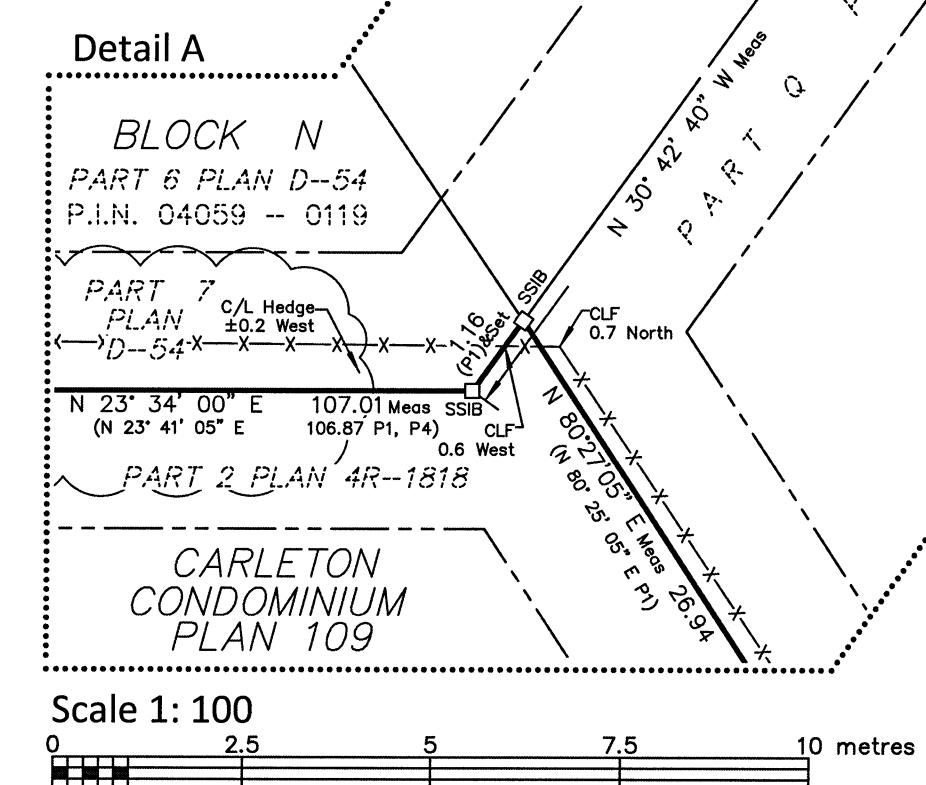
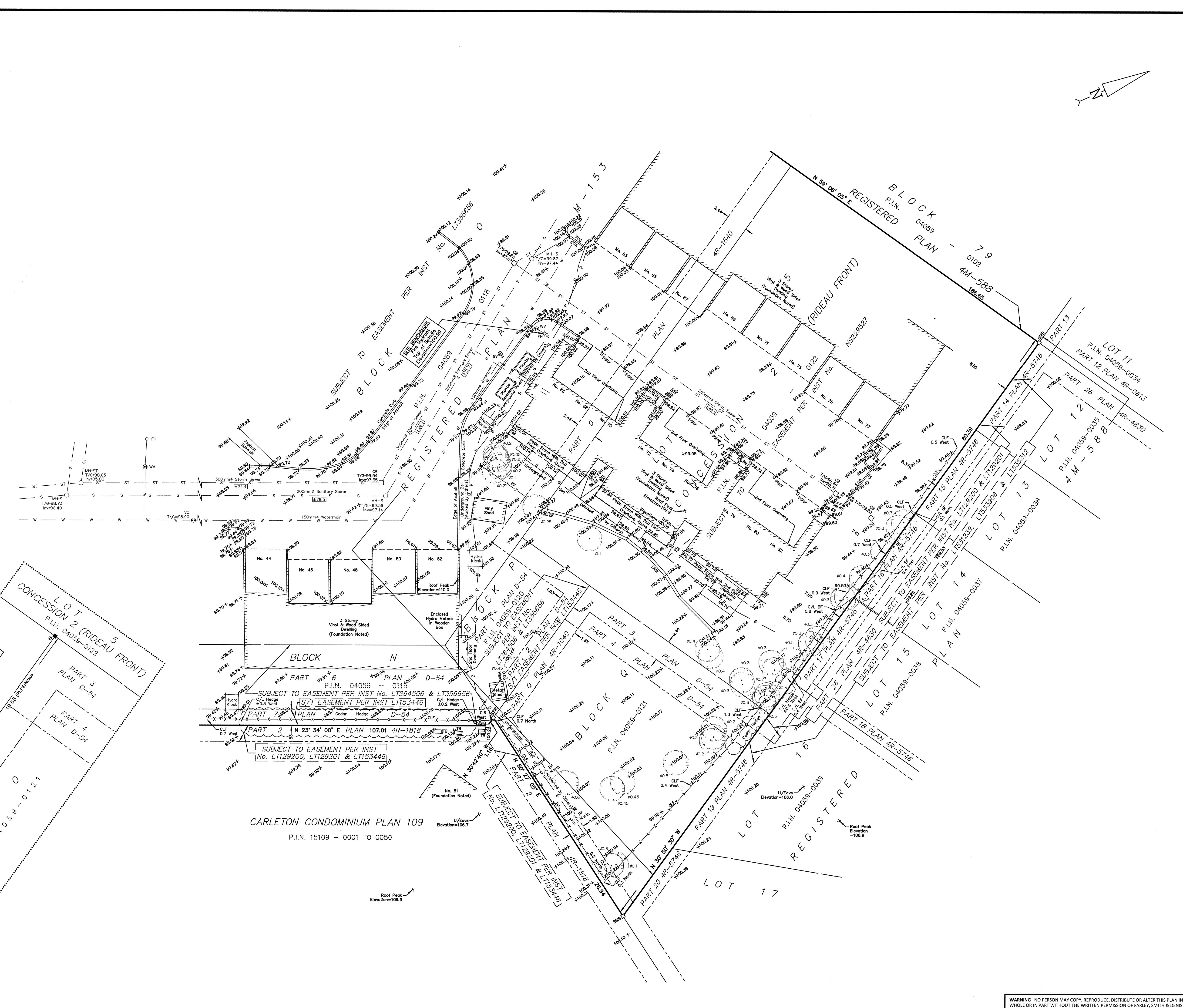
Elevation Notes  
1. Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 -1978.  
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

Utility Notes  
1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.  
2. Only visible surface utilities were located.  
3. Underground utility data derived from City of Ottawa utility sheet reference: 43999k.p.  
4. Sanitary and storm sewer grades and inverts were derived from: Field measurement.  
5. A field location of underground plan by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Notes & Legend table with symbols and descriptions for survey monuments, utilities, and elevations.



Scale 1: 750  
0 15 30 45 60 75 metres



Scale 1: 100  
0 2.5 5 7.5 10 metres

Surveyor's Certificate  
I certify that:  
1. This survey and plan are correct and in accordance with the Survey Act, the Surveyors Act and the Regulations made under them.  
2. The survey was completed on the 2nd day of December, 2020.  
Date: Dec 4/20  
Daniel Robinson  
Ontario Land Surveyor

FARLEY, SMITH & DENIS SURVEYING LTD.  
ONTARIO LAND SURVEYORS  
CANADA LAND SURVEYORS  
190 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J5  
TEL: (613) 727-8226 FAX: (613) 727-1826

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## Appendix B

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# Architect Redevelopment Options





## **SHEARWATER PRIVATE – PRELIMINARY REPORT**

prepared for the Ottawa Community Housing Corporation

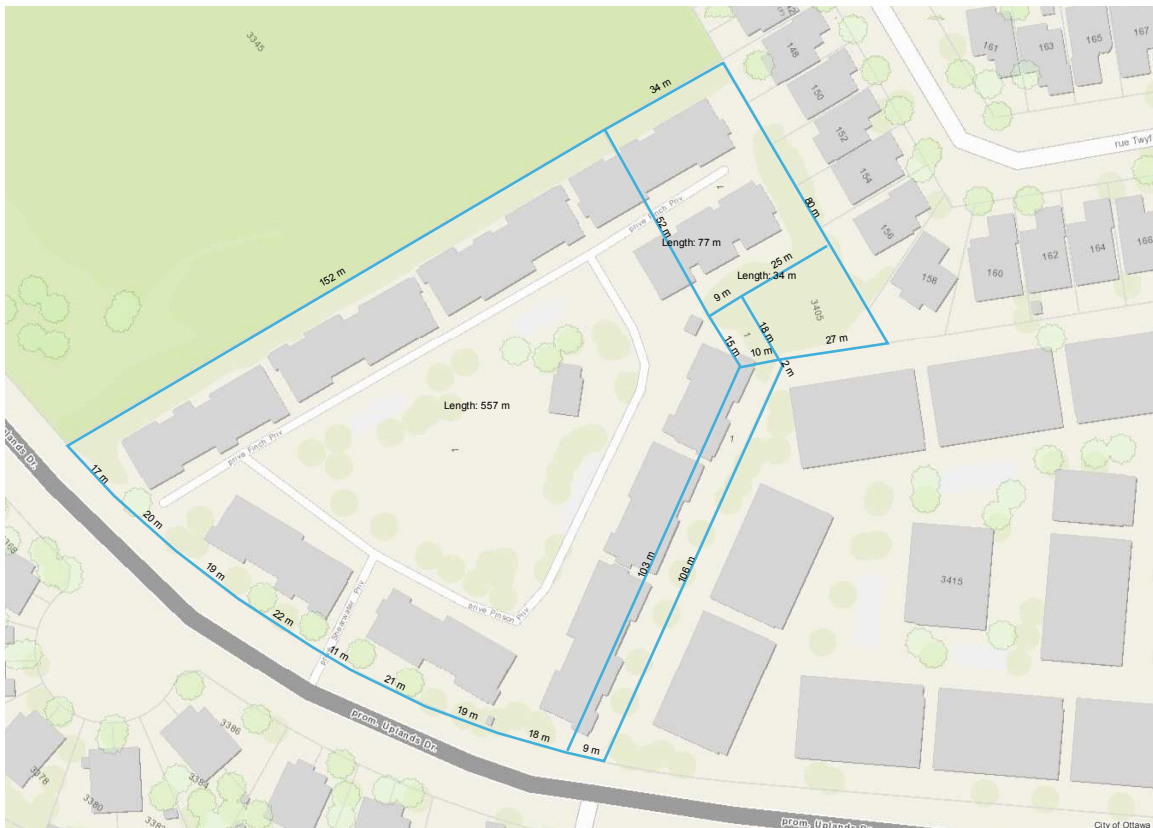
May 2020

ATELIER **292** ARCHITECT INC.

## PRELIMINARY REPORT

## PROPERTY DESCRIPTION

- Consists of several parts, fronting on Uplands Drive.
- Access to site through Shearwater Private. Finch Private and Pinson Private provide access to the site.
- Front two parts are zoned R4M.
- Rear 3 parts (PIN 040590120, 040590121 and 040590122) are zoned R5B H(18). Zoning allows apartment buildings (low, mid and high rise) and stacked dwellings among some other uses.
- Lots with PIN numbers ending 20 and 21 currently are not developed.
- Current development type for this site is Planned Unit Development (PUD).
- All site servicing for this property is assumed to be from Uplands Drive along Shearwater Private.
- Long narrow portion of the existing site running along the eastern boundary appears to be a utility easement and the smallest lot with PIN 040590120 may be a part of this easement.





**PRELIMINARY REPORT**

## **EXISTING BUILDINGS**

- There are 10 residential buildings (town house blocks) on the site, one historic barn in the centre and a small storage shed in the north-east corner.
- Each residential block consists of several 3–storey town homes. Each has a carport on the ground floor.
- All buildings are wood frame construction with vinyl siding cladding and low pitch roofs. Their design style and the property history suggest that they were built in the 1980's.
- According to the information provided by the OCH staff the existing 8–unit town home building at the back of the property (consisting of units 68, 70, 72, 74, 76, 78, 80 and 82) is in poor condition and would require extensive repairs to bring it to proper standards.
- Potential to demolish the existing building to make room for a new development.



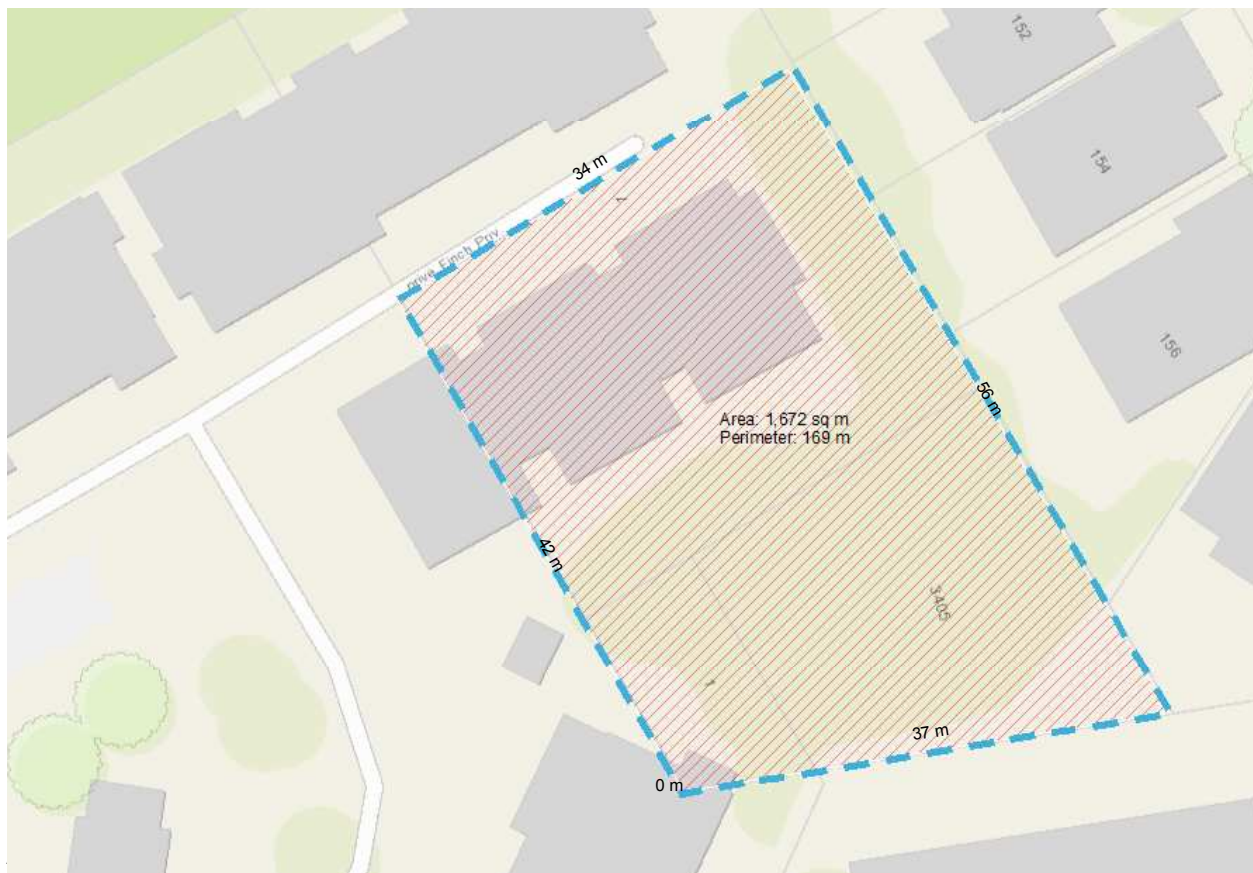




## PRELIMINARY REPORT

## DEVELOPMENT OPTIONS

- The existing zoning for the back of the property is R5B H(18). This zoning allows a wide spectrum of residential developments, which are restricted to 18 metres in height. This allows for the structures up to 6 storeys to be built.
- The new development could benefit from the existing site services . Depending on the scale and type of the proposed building these services may have to be upgraded or additional services may have to be provided.
- Large green area in the centre of the existing site could be used to accommodate some or all parking that would be required for the new development.
- The new development site would include part of lot PIN 040590122 east of Pinch Private and other two lots (PIN 040590120 and PIN 040590121). The approximate area of the resulting site would be around 1,670 m<sup>2</sup>. PIN 040590120 lot may be a part of the utility easement and may not be available for any development.
- Given the reported shallow rock strata at this location any proposed structure should not have a full basement. Half-storey basement could be considered to allow additional rental and storage space.



## PRELIMINARY REPORT

## OPTION 1 – ADDITION TO EXISTING PUD

- The new development would be a part of the existing PUD.
- The development would share the existing site access, site services and road network.
- Any new parking required could be distributed to these parts of the PUD site.
- The maximum building height would be restricted to 18 metres.
- The best development scenarios would be a low-rise apartment or stacked units.
- For a low-rise apartment or stacked buildings the required yards would be: front – 3 metres, side – 6 metres, rear – 7.5 metres.
- The approximate area available for the development would be 850 m<sup>2</sup>.
- The gross building area for a 5 1/2 storey building with the partially recessed basement, would be approximately 5,100 m<sup>2</sup> (55,000 SF).

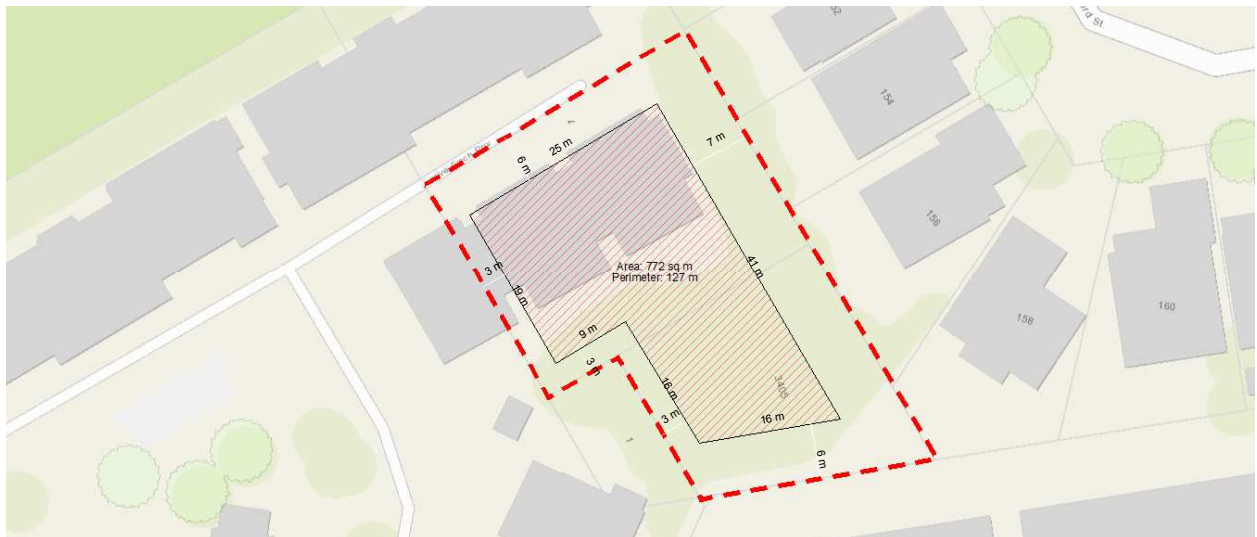


## PRELIMINARY REPORT

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**OPTION 2 – ADDITION TO EXISTING PUD (REDUCED AREA)**

- The new development would be a part of the existing PUD.
- The smallest lot with PIN 040590120 may be a part of hydro easement and would not be available for any development.
- The development would share the existing site access, site services and road network.
- Any new parking required could be distributed to these parts of the PUD site.
- The maximum building height would be restricted to 18 metres.
- The best development scenarios would be a low-rise apartment or stacked units.
- For a low-rise apartment or stacked buildings the required yards would be: front – 3 metres, side – 6 metres, rear – 7.5 metres.
- The approximate area available for the development would be 770 m<sup>2</sup>.
- The gross building area for a 5 1/2 storey building with the partially recessed basement, would be approximately 4,600 m<sup>2</sup> (49,700 SF).



The main disadvantages of this scenario would be:

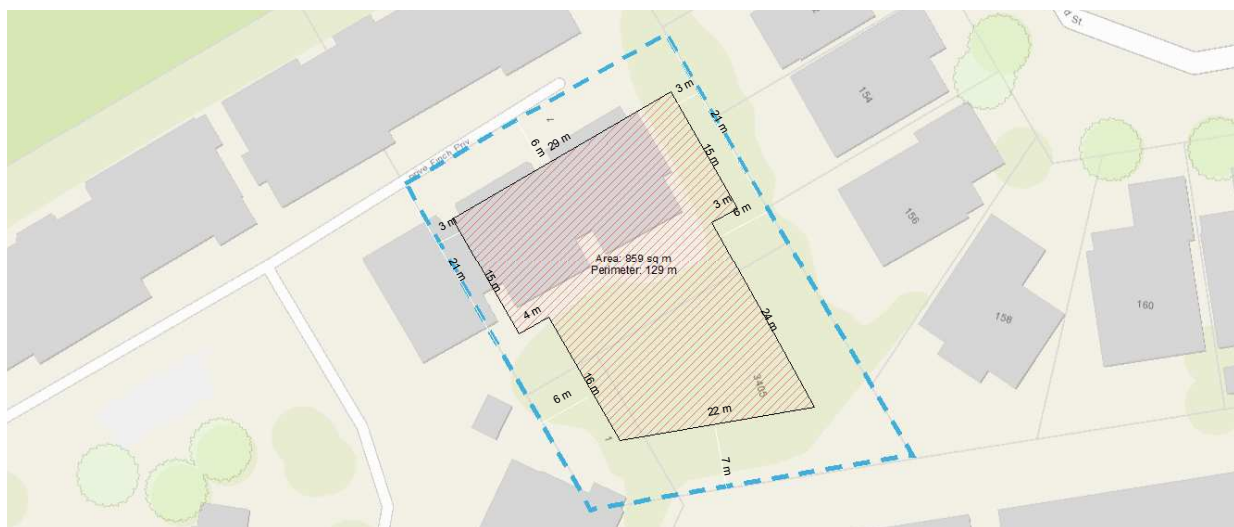
- reduced building area (49,600 SF vs. 55,000 SF).
- complex site shape making the site more difficult to develop.

## PRELIMINARY REPORT

---

**OPTION 3 – SEVERED LOT**

- The new development would be severed from the existing PUD. A severance application would be required.
- The development would share the existing site access, site services and road network, however a right-of-way agreement would probably be required to address potential future sale of the severed properties.
- Low-rise apartment building or stacked units would probably be the most efficient use of this site. The new lot size would meet the current M5B H(18) requirements. However the maximum building height would be capped to 14.5 metres.
- For a low-rise apartment or stacked buildings the required yards would be: front – 3 metres, side – 6 metres, rear – 7.5 metres. Given the existing dead-end access to the adjacent block through Finch Private it is fair to assume that the City would require that the new building west elevation is no closer than the front of current building. Therefore the front yard setback would most likely be increased to 6 metres.
- The approximate area available for the development would be 860 m<sup>2</sup>.
- The gross building area for a 3 1/2 storey building with the partially recessed basement, would be approximately 3,440 m<sup>2</sup> (37,000 SF).



**PRELIMINARY REPORT**

The main disadvantages of this scenario would be:

- reduced maximum building height (14.5 metres vs. 18 metres allowed);
- severance required (time, professional and legal fees);
- reduced building area (37,000 SF vs. 55,000 SF).
- right-of-way requirements (time, professional and legal fees); Option 1 appears to be a better choice given several Option 2 disadvantages described above.

**Of all 3 options presented above Option 1 appears to be the most optimal. It provides the largest building envelope (both floor plate and volume) with the best development options. It allows the new building to be up to 18 metres (59 feet) high. It does not require the severance of the existing OCH property and the establishment of any rights-of-way.**

## PRELIMINARY REPORT

## TENANT CAPACITY ANALYSIS

The existing block 10 with units 68, 70, 72, 74, 76, 78, 80 and 82 currently provides 24 bedrooms. The current buildings maximum tenant capacity is estimated at 48 people. This is based on the assumption that each master bedroom can be used by two adults and that each secondary bedroom can have up to two dependants (children).

The new structure could be built from pre-fabricated wood-frame modules with the standard module width of 14 feet (4.25 metres) and various module lengths to accommodate different functions and unit sizes. The assumed floor to floor height would be around 9 feet (2.7 metres) with the interior height of 8 feet (2.4 metres).

The basic **one-bedroom unit** size would be approximately 550 square feet (50 m<sup>2</sup>). It will consist of an entry hall with a storage closet, a bathroom, a master bedroom large enough to accommodate two people, a living room combined with the dining area and a kitchen.

The **two-bedroom unit** size would be approximately 750 square feet (70 m<sup>2</sup>). It will consist of an entry hall with a storage closet, a bathroom, a master bedroom large enough for two adults, a secondary bedroom to accommodate up to 2 children, a living room combined with the dining area and a kitchen.

The **three-bedroom unit** size would be approximately 915 square feet (85 m<sup>2</sup>). It will consist of an entry hall with a storage closet, a master bathroom, a secondary bathroom, a master bedroom large enough for two adults, two secondary bedrooms to accommodate up to 2 children each, a living room combined with the dining area and a kitchen.

	1-Bedroom (550 SF)	2-Bedroom (750 SF)	3-Bedroom (915 SF)	Total bedrooms for 5 1/2 storey bldg.	Adults only (2 per bedroom)	Dependants (2 per bedroom)	Total tenants accommodated
<b>LOW-END SCENARIO</b>	9			54	108		108
<b>HIGH-END SCENARIO</b>	3	3	2	90	96	84	180
<b>CURRENT DEVELOPMENT</b>			8	24	16	32	48

assuming a 6 storey high structure the **low end scenario will have** 54 x 1-bedroom units and the **high end scenario:** 18 x 1-bedroom units, 18 x 2-bedroom units and 12 x 3-bedroom units for the total of 48 units.

**PRELIMINARY REPORT**

Our preliminary analysis assumes that the gross rentable area (GRA) will represent no more than 80 percent of the gross floor area (GFA) of the proposed building. The remaining 20 percent represents space required for internal traffic and common areas, vertical systems (stairs, elevators, shafts) and the building structure (building envelope and internal partitions).

**The new 5 1/2 storey building could accommodate 3.75 times more tenants when compared to the current block 10 capacity of 48 people.**



## PRELIMINARY REPORT

**CONSTRUCTION COST ESTIMATE ANALYSIS**

Construction costs of the multi-tenant units decrease with the unit size, as some unit facilities such as kitchens, bathrooms and living areas do not change for the units with the higher tenant capacity.

The construction cost of a 3-bedroom unit would be approximately \$200 per square foot, while for the 1-bedroom unit it would be \$250 per square foot (a 20% increase in the construction cost).

In the case of the three presented scenarios, while the overall construction cost is higher for the high-end scenario, the per tenant cost for the low-end scenario would be roughly 50% higher than for the high-end one. The construction cost of the common areas is assumed to cost \$200 per square foot. It is the same in both scenarios.

	Rental Units	Common Bldg Components	Estimated Construction Budget	Cost per tenant
<b>LOW-END SCENARIO</b>	\$7,425,000	\$360,000	<b>\$7,785,000</b>	<b>\$72,100</b>
<b>HIGH-END SCENARIO</b>	\$8,469,000	\$360,000	<b>\$8,829,000</b>	<b>\$49,100</b>

**POTENTIAL RISKS**

While it is impossible to assess all potential risks for this project this early in the process there are some important factors that should be considered, as they may significantly affect the overall cost and scheduling of the project:

- **geotechnical factors** – shallow rock is present in this part of Ottawa, which makes any construction more complex due to the servicing, structural and drainage challenges presented by such sites;
- **municipal services** – the existing sewer, water and gas mains are located on Uplands Drive. New connections and possibly mains upgrades may require consultations, approvals and may be costly;
- **hydro services** – the existing hydro service to the site may not be adequate to accommodate a new larger building on the site. A new service line and transformers may be required;



**PRELIMINARY REPORT**

- **hydro easement** – although not clearly labeled on the available plans an existing hydro easement is suspected along the easterly property boundary. It may also include a small lot with PIN 040590120 may be a part of this easement. Additional negotiations with Hydro Ottawa may be required to establish, if a part of this easement could be reverted to the OCH. If not, the available building area will decrease resulting in reduction of units that can be built.

## Appendix C

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# Chain of Title



## READ Abstracts Limited

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

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

Tel.: 613-236-0664

Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

Lopers & Associates

Attn: Luke Lopers

#### BRIEF DESCRIPTION OF LAND:

Part of 1 Finch Pvt., and 3405 Uplands Dr., Ottawa  
Block O, Plan 4M153;  
Part of Lot 5 Concession 2 RF Gloucester as in OT45289;  
Block P, Plan 4M153;  
Block Q, Plan 4M153.

PIN: 04059-0122 (1 Finch) (part)  
04059-0120 (1 Finch) (part)  
04059-0121 (3405 Uplands)

LAST REGISTERED OWNER: Ottawa Community Housing Corporation/La Societe De  
Logement Communautaire D'ottawa

#### CHAIN OF TITLE:

##### **PIN 0122**

Deed GL38751 registered Sep 27, 1940  
From Joseph Potvin to May Labelle

Deed OT375 registered Feb 3, 1950  
From Donald T. McCarthy to Roger Labelle

Deed OT31538 registered Jul 23, 1958  
From Roger Labelle to May Labelle

Deed OT14292 registered Feb 7, 1955  
From estate of Joseph Potvin to May Labelle

Deed OT43483 registered Mar 20, 1961  
From estate of May Labelle to Rose Roberta

Deed OT45289 registered Jul 18, 1961  
From Rose Roberta to Rita Schmoll

Expropriation NS88217 registered Jun 12, 1980  
To The Corporation of the City of Ottawa

Deed NS134483 registered Oct 28, 1981  
From The Corporation of the City of Ottawa to City of Ottawa Non-Profit Housing Corporation

Deed OC325567 registered May 3, 2004  
From City of Ottawa Non-Profit Housing Corporation to Ottawa Community Housing Corporation/La Societe De Logement Communautaire D'ottawa

### **PIN 0120 and 0121**

Deed GL38751 registered Sep 27, 1940  
From Joseph Potvin to May Labelle

Deed OT375 registered Feb 3, 1950  
From Donald T. McCarthy to Roger Labelle

Deed OT31538 registered Jul 23, 1958  
From Roger Labelle to May Labelle

Deed OT14292 registered Feb 7, 1955  
From estate of Joseph Potvin to May Labelle

Deed OT43482 registered Mar 20, 1961  
From estate of May Labelle to Jeanette Boileau

Deed OT43484 registered Mar 20, 1961  
From estate of May Labelle to Aldea Charlebois

Deed OT43485 registered Mar 20, 1961  
From estate of May Labelle to Edgar Labelle

Deed OT43486 registered Mar 20, 1961  
From estate of May Labelle to Albert Labelle

Deed OT43487 registered Mar 20, 1961  
From estate of May Labelle to Alice Rioux

Deed OT43488 registered Mar 20, 1961

From estate of May Labelle to Roger Labelle

Deed OT44754 registered Jun 20, 1961  
From estate of May Labelle to Emile Labelle

Deed OT45478 registered Jul 28, 1961  
From estate of May Labelle to Estate of Ernest Labelle

Deed OT45478 registered Jul 28, 1961  
From estate of Ernest Labelle to Aldea Charlebois and Vitalise Charlebois

Deed OT55955 registered Dec 10, 1962  
From Albert Labelle to Urvashi Dilawri

Deed OT72262 registered Sep 23, 1966  
From estate of Jeanette Boileau to Helen Laurin and Marcel Boileau

Deed OT76269 registered Sep Jul 25, 1969  
From Marcel Boileau to Helen Laurin

Deed OT77812 registered Nov 5, 1967  
From Urvashi Dilawri to Hari O. Dilawri

Deed CT124609 registered Aug 31, 1970  
From Edgar Labelle to John P. O'Connor, in trust

Deed CT124832 registered Sep 2, 1970  
From Roger Labelle to John P. O'Connor, in trust

Deed CT124837 registered Sep 2, 1970  
From Aldea Charlebois to John P. O'Connor, in trust

Deed CT124837 registered Sep 2, 1970  
From Aldea Charlebois and Vitalise Charlebois to John P. O'Connor, in trust

Deed CT148029 registered Feb 7, 1972  
From estate of Alice Rioux to John P. O'Connor, in trust

Deed CT165729 registered Jan 15, 1973  
From Emile Labelle to John P. O'Connor, in trust

Deed CT165752 registered Jan 15, 1973  
From Hari O. Dilawri to John P. O'Connor, in trust

Deed CT166001 registered Jan 19, 1973  
From Helen Laurin to John P. O'Connor, in trust

Deed CT170793 registered Apr 30, 1973  
From to John P. O'Connor, in trust to Hunt Club Road Estates Limited

PIN 0120

Deed LT120794 registered Aug 26, 1975  
From Hunt Club Road Estates Limited to The Corporation of the City of Ottawa

Deed LT273016 registered Oct 28, 1981  
From The Corporation of the City of Ottawa to City of Ottawa Non-Profit Housing Corporation

Deed OC286090 registered Dec 29, 2003  
From City of Ottawa Non-Profit Housing Corporation to Ottawa Community Housing Corporation/La Societe De Logement Communautaire D'ottawa

PIN 0121

Deed LT147202 registered Feb 4, 1977  
From Hunt Club Road Estates Limited to Tartan Development Corporation

Deed LT158283 registered Jul 29, 1977  
From Tartan Development Corporation to The Corporation of the City of Ottawa

Deed LT573874 registered Aug 10, 1988  
From The Corporation of the City of Ottawa to City of Ottawa Non-Profit Housing Corporation

Deed OC286090 registered Dec 29, 2003  
From City of Ottawa Non-Profit Housing Corporation to Ottawa Community Housing Corporation/La Societe De Logement Communautaire D'ottawa

## Appendix D

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# Environmental Risk Information Systems (ERIS) database Searches





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# DATABASE REPORT

**Project Property:** *Phase One Environmental Site Assessment Update  
1 Finch Private and 3405 Uplands Drive  
Ottawa ON K1V*

**Project No:** *LOP23-006*

**Report Type:** *Standard Report*

**Order No:** *23041100571*

**Requested by:** *Lopers & Associates*

**Date Completed:** *April 11, 2023*

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# Executive Summary

## Property Information:

**Project Property:** *Phase One Environmental Site Assessment Update  
1 Finch Private and 3405 Uplands Drive Ottawa ON K1V*

**Project No:** *LOP23-006*

## **Coordinates:**

**Latitude:** *45.347855*  
**Longitude:** *-75.6703732*  
**UTM Northing:** *5,021,812.42*  
**UTM Easting:** *447,485.03*  
**UTM Zone:** *18T*

**Elevation:** *318 FT  
96.88 M*

## Order Information:

**Order No:** *23041100571*  
**Date Requested:** *April 11, 2023*  
**Requested by:** *Lopers & Associates*  
**Report Type:** *Standard Report*

## Historical/Products:

**ERIS Xplorer** [\*ERIS Xplorer\*](#)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	4	3	7
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	11	11
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	1	1
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	8	8
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	3	3
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
<b>Total:</b>			<b>4</b>	<b>34</b>	<b>38</b>

## 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>
<a href="#"><u>1</u></a>	EHS		1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-/0.0	0.00	<a href="#"><u>18</u></a>
<a href="#"><u>1</u></a>	EHS		1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-/0.0	0.00	<a href="#"><u>18</u></a>
<a href="#"><u>1</u></a>	EHS		1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-/0.0	0.00	<a href="#"><u>18</u></a>
<a href="#"><u>2</u></a>	EHS		1 Finch Pvt Ottawa ON K1V0E6	W/16.9	0.00	<a href="#"><u>18</u></a>

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">3</a>	BORE		ON	NNE/91.1	1.00	<a href="#">19</a>
<a href="#">4</a>	SPL	OC Transit<UNOFFICIAL>	Uplands Dr @ corner of Bennett St. Ottawa ON	SSW/131.4	0.00	<a href="#">20</a>
<a href="#">5</a>	GEN	TANNEOF CO-OPERATIVE HOMES INC	131 Twyford Street Ottawa ON K1V 0W5	NNE/133.3	1.00	<a href="#">21</a>
<a href="#">5</a>	GEN	Elevation Elevator Inc.	131 Twyford Street Ottawa ON K1V0W5	NNE/133.3	1.00	<a href="#">21</a>
<a href="#">6</a>	BORE		ON	SSW/162.1	0.00	<a href="#">21</a>
<a href="#">7</a>	WWIS		ON <i>Well ID:</i> 1508580	E/178.3	1.00	<a href="#">23</a>
<a href="#">8</a>	BORE		ON	NNW/216.7	1.20	<a href="#">25</a>
<a href="#">9</a>	BORE		ON	SSE/232.9	1.00	<a href="#">27</a>
<a href="#">10</a>	WWIS		ON <i>Well ID:</i> 1508446	ESE/233.4	1.00	<a href="#">28</a>
<a href="#">11</a>	BORE		ON	ESE/238.3	1.00	<a href="#">31</a>
<a href="#">12</a>	BORE		ON	NNE/239.0	2.00	<a href="#">32</a>
<a href="#">13</a>	GEN	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">34</a>



<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">13</a>	GEN	SHOPPERS DRUG MART	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">34</a>
<a href="#">13</a>	GEN	Rio-Can Property Services	3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">35</a>
<a href="#">13</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">35</a>
<a href="#">13</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">35</a>
<a href="#">13</a>	SPL		3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">36</a>
<a href="#">13</a>	SPL	Metro Ontario Inc.	3310 McCarthy Ave. Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">36</a>
<a href="#">13</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">37</a>
<a href="#">13</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">37</a>
<a href="#">13</a>	PES	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">38</a>
<a href="#">13</a>	NPRI	THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD	3310 MCCARTHY Road OTTAWA ON K1V9A1	NNW/245.9	1.00	<a href="#">38</a>
<a href="#">13</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">41</a>
<a href="#">13</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">41</a>
<a href="#">13</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">41</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">13</a>	PES	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">42</a>
<a href="#">13</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">42</a>
<a href="#">13</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">43</a>
<a href="#">13</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">43</a>
<a href="#">13</a>	GEN	B. Thomas Pharmacy Ltd.	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">43</a>
<a href="#">13</a>	GEN	B. Thomas Pharmacy Ltd.	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">44</a>
<a href="#">14</a>	EHS		Cahill Drive Ottawa ON K1V	ESE/246.6	0.00	<a href="#">44</a>
<a href="#">14</a>	EHS		Cahill Drive Ottawa ON K1V	ESE/246.6	0.00	<a href="#">44</a>
<a href="#">14</a>	EHS		Cahill Drive Ottawa ON K1V	ESE/246.6	0.00	<a href="#">45</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	NNE	91.10	<a href="#"><u>3</u></a>
	ON	SSW	162.07	<a href="#"><u>6</u></a>
	ON	NNW	216.69	<a href="#"><u>8</u></a>
	ON	SSE	232.91	<a href="#"><u>9</u></a>
	ON	ESE	238.26	<a href="#"><u>11</u></a>
	ON	NNE	238.95	<a href="#"><u>12</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Dec 31, 2022 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-	0.00	<a href="#"><u>1</u></a>
	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-	0.00	<a href="#"><u>1</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	-	0.00	<a href="#">1</a>
	1 Finch Pvt Ottawa ON K1V0E6	W	16.90	<a href="#">2</a>
	Cahill Drive Ottawa ON K1V	ESE	246.59	<a href="#">14</a>
	Cahill Drive Ottawa ON K1V	ESE	246.59	<a href="#">14</a>
	Cahill Drive Ottawa ON K1V	ESE	246.59	<a href="#">14</a>

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

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 11 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>
Elevation Elevator Inc.	131 Twyford Street Ottawa ON K1V0W5	NNE	133.27	<a href="#">5</a>
TANNEOF CO-OPERATIVE HOMES INC	131 Twyford Street Ottawa ON K1V 0W5	NNE	133.27	<a href="#">5</a>
Rio-Can Property Services	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
SHOPPERS DRUG MART	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">13</a>
GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">13</a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
B. Thomas Pharmacy Ltd.	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
B. Thomas Pharmacy Ltd.	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>

### **NPRI - National Pollutant Release Inventory**

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI 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>
THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD	3310 MCCARTHY Road OTTAWA ON K1V9A1	NNW	245.94	<a href="#">13</a>

### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011- Feb 28, 2023 has found that there are 8 PES 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>
A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">13</a>

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">13</a>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">13</a>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">13</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">13</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">13</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">13</a>

### **SPL - Ontario Spills**

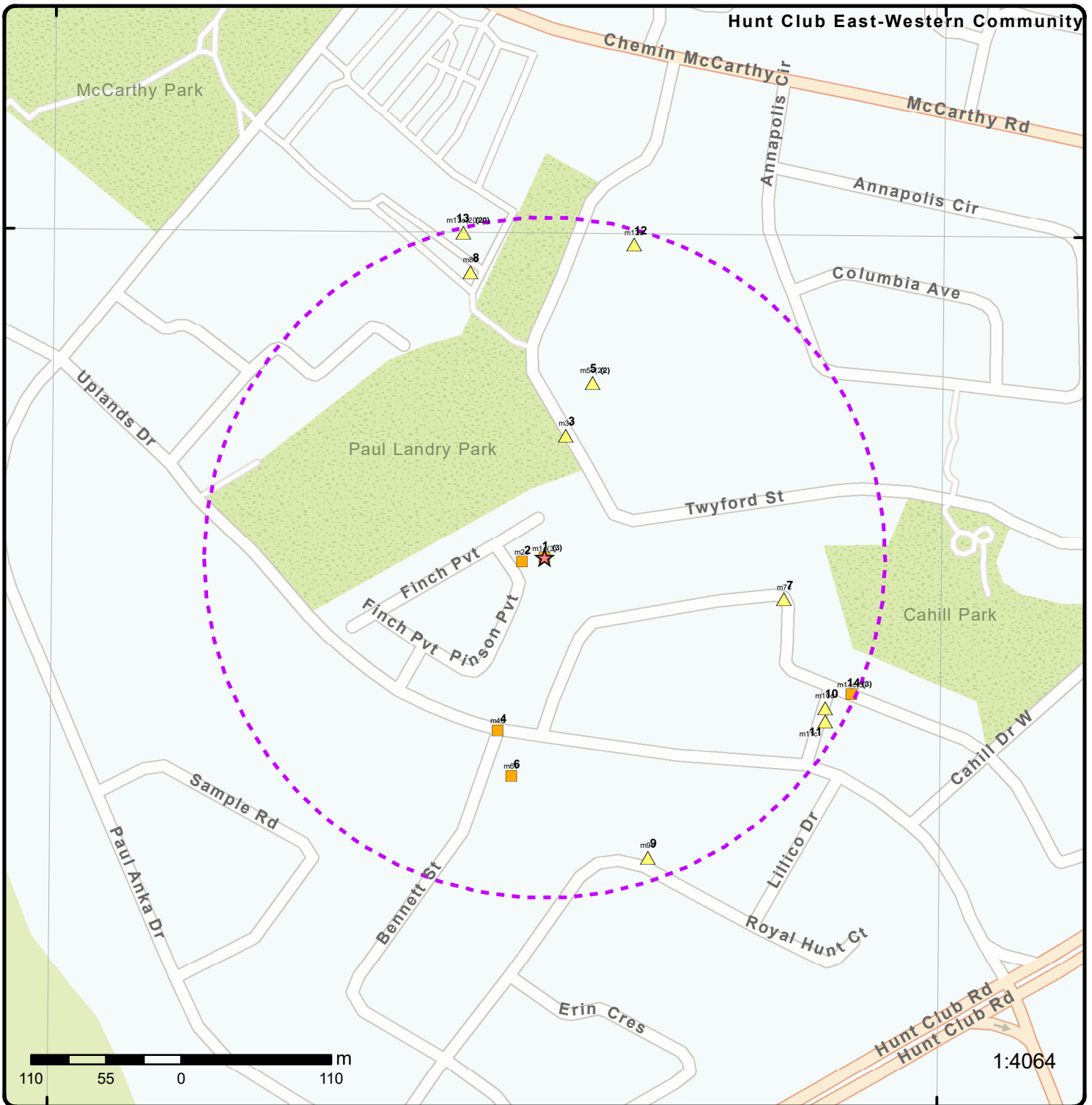
A search of the SPL database, dated 1988-Mar 2021; May 2021-Oct 2021 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
OC Transit<UNOFFICIAL>	Uplands Dr @ corner of Bennett St. Ottawa ON	SSW	131.45	<a href="#">4</a>
Metro Ontario Inc.	3310 McCarthy Ave. Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>
	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#">13</a>

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

A search of the WWIS database, dated Jun 30 2022 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON <i>Well ID:</i> 1508580	E	178.29	<a href="#">7</a>
	ON <i>Well ID:</i> 1508446	ESE	233.44	<a href="#">10</a>



### Map: 0.25 Kilometer Radius

Order Number: 23041100571

Address: 1 Finch Private and 3405 Uplands Drive, Ottawa, ON



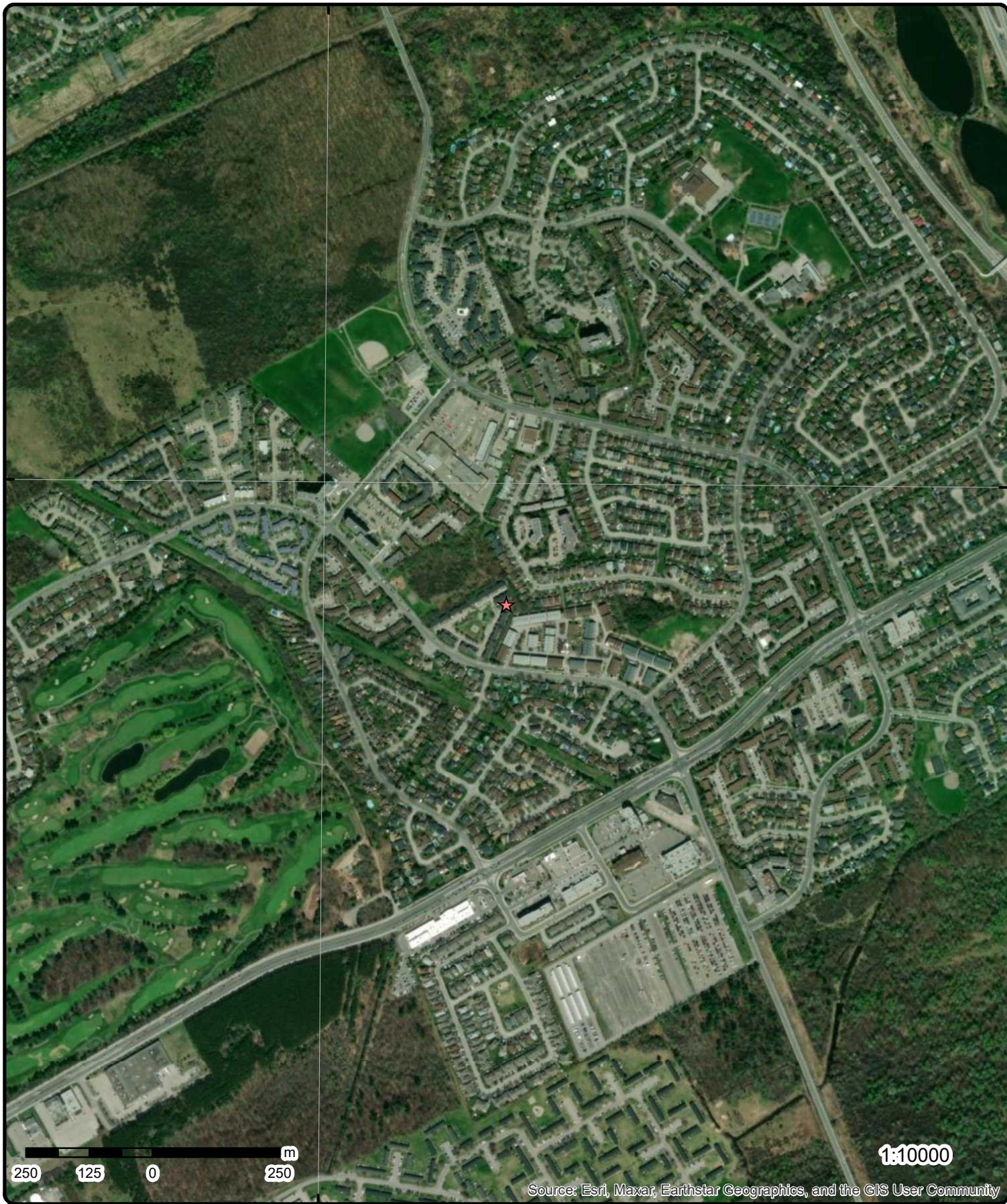
Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	
		Hospital	



75°40'30"W

45°21'N

45°21'N



**Aerial** Year: 2022

Order Number: 23041100571

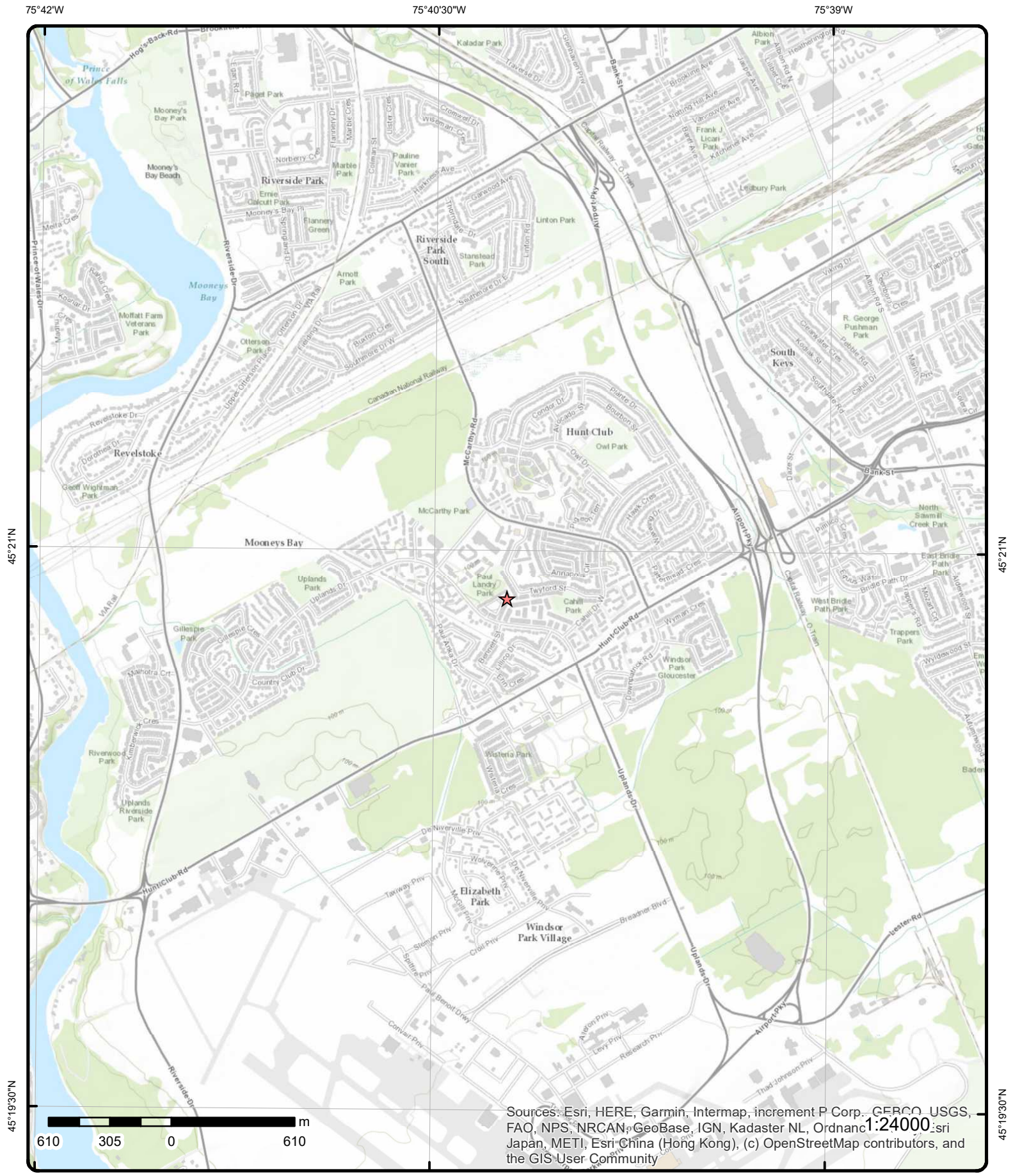
**Address: 1 Finch Private and 3405 Uplands Drive, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership





# Topographic Map

Address: 1 Finch Private and 3405 Uplands Drive, ON

Source: ESRI World Topographic Map

Order Number: 23041100571



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#"><u>1</u></a>	1 of 3	-/0.0	96.9 / 0.00	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	EHS
<b>Order No:</b> 20282700141 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-SEP-20 <b>Date Received:</b> 27-AUG-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Aerial Photos		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.6703732 <b>Y:</b> 45.347855			
<a href="#"><u>1</u></a>	2 of 3	-/0.0	96.9 / 0.00	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	EHS
<b>Order No:</b> 20282700141 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-SEP-20 <b>Date Received:</b> 27-AUG-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Aerial Photos		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.6703732 <b>Y:</b> 45.347855			
<a href="#"><u>1</u></a>	3 of 3	-/0.0	96.9 / 0.00	1 Finch Private and 3405 Uplands Drive Ottawa ON K1V	EHS
<b>Order No:</b> 20282700141 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-SEP-20 <b>Date Received:</b> 27-AUG-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Aerial Photos		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.6703732 <b>Y:</b> 45.347855			
<a href="#"><u>2</u></a>	1 of 1	W/16.9	96.9 / 0.00	1 Finch Pvt Ottawa ON K1V0E6	EHS
<b>Order No:</b> 20170117126 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 24-JAN-17 <b>Date Received:</b> 17-JAN-17 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> City Directory; Aerial Photos		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.670585 <b>Y:</b> 45.347826			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 1	NNE/91.1	97.9 / 1.00	ON	BORE
<b>Borehole ID:</b>	612480			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513789			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	SEP-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.348664
<b>Total Depth m:</b>	3.8			<b>Longitude DD:</b>	-75.670183
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447501
<b>Drill Method:</b>				<b>Northing:</b>	5021902
<b>Orig Ground Elev m:</b>	98.6			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	98.5				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218391439			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN,DENSE.				
<b>Geology Stratum ID:</b>	218391440			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	1.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. GREY,SOUND. 00000080001000800025100000621000001010000025075000950040016004001400 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218391437			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED.				
<b>Geology Stratum ID:</b>	218391438			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Silt Clay			<b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
		SILT. BROWN, LOOSE.			
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049880 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<u>4</u>	1 of 1	SSW/131.4	96.9 / 0.00	<b>OC Transit&lt;UNOFFICIAL&gt;</b> <b>Uplands Dr @ corner of Bennett St.</b> <b>Ottawa ON</b>	<b>SPL</b>
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Municipality No:</b> <b>System Facility Address:</b> <b>Client Type:</b> <b>Call Report Location Geodata:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Receiving Medium:</b> <b>Receiving Environment:</b> <b>Incident Reason:</b> <b>Incident Summary:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Activity Preceding Spill:</b> <b>Property 2nd Watershed:</b> <b>Property Tertiary Watershed:</b> <b>Sector Type:</b> <b>SAC Action Class:</b>	4175-6ZBHRR  Discharge Or Bypass To A Watercourse Possible Other Impact(s); Surface Water Pollution No Field Response 3/15/2007 4/11/2007  27 COOLANT N.O.S.  Water Equipment Failure OC Transit - 20L coolant to road and sewer Ottawa Other Motor Vehicle			<b>Contaminant Qty:</b> <b>Nature of Damage:</b> <b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Agency Involved:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>Northing:</b> <b>Easting:</b>	20 L Chemicals



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Type:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Site District Office:</b> <b>Nearest Watercourse:</b> <b>Site Name:</b> Coolant Leak from Bus<UNOFFICIAL> <b>Site Address:</b>					
<a href="#">5</a>	1 of 2	NNE/133.3	97.9 / 1.00	TANNEOF CO-OPERATIVE HOMES INC 131 Twyford Street Ottawa ON K1V 0W5	GEN
<b>Generator No:</b> ON4475054 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> As of Dec 2017 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> Registered <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 252 L <b>Waste Class Name:</b> Waste crankcase oils and lubricants					
<a href="#">5</a>	2 of 2	NNE/133.3	97.9 / 1.00	Elevation Elevator Inc. 131 Twyford Street Ottawa ON K1V0W5	GEN
<b>Generator No:</b> ON9434238 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> As of Dec 2017 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> Registered <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 252 L <b>Waste Class Name:</b> Waste crankcase oils and lubricants					
<a href="#">6</a>	1 of 1	SSW/162.1	96.9 / 0.00	ON	BORE
<b>Borehole ID:</b> 612455 <b>OGF ID:</b> 215513764 <b>Status:</b> <b>Type:</b> Borehole <b>Use:</b> <b>Completion Date:</b> AUG-1972 <b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No <b>Primary Name:</b> <b>Municipality:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> 4.7 <b>Depth Ref:</b> Ground Surface <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> 99.1 <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> 96.6 <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>				<b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> 45.346411 <b>Longitude DD:</b> -75.670667 <b>UTM Zone:</b> 18 <b>Easting:</b> 447461 <b>Northing:</b> 5021652 <b>Location Accuracy:</b> <b>Accuracy:</b> Not Applicable	
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> 218391351 <b>Top Depth:</b> 0 <b>Bottom Depth:</b> .3 <b>Material Color:</b> <b>Material 1:</b> Unknown <b>Material 2:</b> Soil <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> UNSPECIFIED.				<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391354 <b>Top Depth:</b> 2.5 <b>Bottom Depth:</b> 4.4 <b>Material Color:</b> Grey <b>Material 1:</b> Silt <b>Material 2:</b> Sand <b>Material 3:</b> Till <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> SILT. GREY,COMPACT,DENSE.				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391353 <b>Top Depth:</b> 1.9 <b>Bottom Depth:</b> 2.5 <b>Material Color:</b> Brown <b>Material 1:</b> Sand <b>Material 2:</b> Silt <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> SAND. BROWN,COMPACT.				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391355 <b>Top Depth:</b> 4.4 <b>Bottom Depth:</b> 4.7 <b>Material Color:</b> Red <b>Material 1:</b> Bedrock <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> BEDROCK. WEATHERED. 0000000700009029000620560008301500145100. SILT. DENSE. 0004501700130002 **Note: Many records provided by the department have a truncated [Stratum Description] field.				<b>Mat Consistency:</b> Dense <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391352 <b>Top Depth:</b> .3 <b>Bottom Depth:</b> 1.9				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT. COMPACT,DENSE.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 049630 NTS_Sheet: 31G05B				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<u>7</u>	1 of 1	E/178.3	97.9 / 1.00	ON	WWIS
<b>Well ID:</b>	1508580			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>	0			<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply			<b>Date Received:</b>	15-Oct-1960 00:00:00
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>				<b>Abandonment Rec:</b>	
<b>Audit No:</b>				<b>Contractor:</b>	3504
<b>Tag:</b>				<b>Form Version:</b>	1
<b>Constructn Method:</b>				<b>Owner:</b>	
<b>Elevation (m):</b>				<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliability:</b>				<b>Lot:</b>	
<b>Depth to Bedrock:</b>				<b>Concession:</b>	
<b>Well Depth:</b>				<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>				<b>Easting NAD83:</b>	
<b>Pump Rate:</b>				<b>Northing NAD83:</b>	
<b>Static Water Level:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>Municipality:</b>	OTTAWA CITY				
<b>Site Info:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508580.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508580.pdf</a>				
<b>Additional Detail(s) (Map)</b>					
<b>Well Completed Date:</b>	1960/08/03				
<b>Year Completed:</b>	1960				
<b>Depth (m):</b>	38.7096				
<b>Latitude:</b>	45.3475943408564				
<b>Longitude:</b>	-75.6681276120645				
<b>Path:</b>	150\1508580.pdf				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Bore Hole Information**

<b>Bore Hole ID:</b>	10030614	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	447660.70
<b>Code OB Desc:</b>		<b>North83:</b>	5021782.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	03-Aug-1960 00:00:00	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Loc Method Desc:</b>	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931010037
<b>Layer:</b>	1
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0.0
<b>Formation End Depth:</b>	127.0
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Method Construction ID:</b>	961508580
<b>Method Construction Code:</b>	1
<b>Method Construction:</b>	Cable Tool
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	10579184
<b>Casing No:</b>	1
<b>Comment:</b>	
<b>Alt Name:</b>	

**Construction Record - Casing**

<b>Casing ID:</b>	930053864
<b>Layer:</b>	2
<b>Material:</b>	4
<b>Open Hole or Material:</b>	OPEN HOLE
<b>Depth From:</b>	
<b>Depth To:</b>	127.0
<b>Casing Diameter:</b>	5.0
<b>Casing Diameter UOM:</b>	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930053863  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 60.0  
 Casing Diameter: 5.0  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: PUMP  
 Pump Test ID: 991508580  
 Pump Set At:  
 Static Level: 15.0  
 Final Level After Pumping: 45.0  
 Recommended Pump Depth: 70.0  
 Pumping Rate: 5.0  
 Flowing Rate:  
 Recommended Pump Rate: 5.0  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 2  
 Water State After Test: CLOUDY  
 Pumping Test Method: 1  
 Pumping Duration HR: 1  
 Pumping Duration MIN: 0  
 Flowing: No

**Water Details**

Water ID: 933463147  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 127.0  
 Water Found Depth UOM: ft

**Links**

Bore Hole ID:	10030614	Tag No:	
Depth M:	38.7096	Contractor:	3504
Year Completed:	1960	Path:	150\1508580.pdf
Well Completed Dt:	1960/08/03	Latitude:	45.3475943408564
Audit No:		Longitude:	-75.6681276120645

<u>8</u>	1 of 1	NNW/216.7	98.1 / 1.20	ON	BORE
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Borehole ID:	612488	Inclin FLG:	No
OGF ID:	215513797	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	SEP-1972	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.349739
<b>Total Depth m:</b>	4.9			<b>Longitude DD:</b>	-75.671089
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447431
<b>Drill Method:</b>				<b>Northing:</b>	5022022
<b>Orig Ground Elev m:</b>	98.4			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	98.4				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218391468			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. BROWN,GREY,COMPACT.				
<b>Geology Stratum ID:</b>	218391470			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	1.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. GREY,SOUND. 0000005000150170005305600060056BEDROCK. GREY,LAYERED. 0000300500023014 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218391466			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED.				
<b>Geology Stratum ID:</b>	218391467			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN,LOOSE.				
<b>Geology Stratum ID:</b>	218391469			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	1.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.8			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT. DENSE.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 049960 NTS_Sheet: 31G05B				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<u>9</u>	1 of 1	SSE/232.9	97.9 / 1.00	ON	BORE
<b>Borehole ID:</b>	612451			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513760			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.345878
<b>Total Depth m:</b>	2.7			<b>Longitude DD:</b>	-75.669384
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447561
<b>Drill Method:</b>				<b>Northing:</b>	5021592
<b>Orig Ground Elev m:</b>	97.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	96.2				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218391334			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		UNSPECIFIED.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218391335			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN, LOOSE.				
<b>Geology Stratum ID:</b>	218391337			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	1.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. GREY, SOUND. 0001000600025048067100SOFT, LAYERED. , STIFF. SILT. GREY, VERY LOOSE.				
<b>Geology Stratum ID:</b>	218391336			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN, DENSE.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 049590 NTS_Sheet: 31G05B				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<b>10</b>	<b>1 of 1</b>	<b>ESE/233.4</b>	<b>97.9 / 1.00</b>	<b>ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1508446			<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>				<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic			<b>Data Entry Status:</b>	
<b>Use 2nd:</b>	0			<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply			<b>Date Received:</b>	28-Oct-1958 00:00:00
<b>Water Type:</b>				<b>Selected Flag:</b>	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Constructn Method:</b> <b>Elevation (m):</b> <b>Elevatn Reliabilty:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Clear/Cloudy:</b> <b>Municipality:</b> <b>Site Info:</b>		OTTAWA CITY		<b>Abandonment Rec:</b> <b>Contractor:</b> 3566 <b>Form Version:</b> 1 <b>Owner:</b> <b>County:</b> OTTAWA-CARLETON <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508446.pdf			
<b><u>Additional Detail(s) (Map)</u></b>					
<b>Well Completed Date:</b>		1958/08/28			
<b>Year Completed:</b>		1958			
<b>Depth (m):</b>		38.1			
<b>Latitude:</b>		45.3468765190673			
<b>Longitude:</b>		-75.6677362124584			
<b>Path:</b>		150\1508446.pdf			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10030480		<b>Elevation:</b>	
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 18	
<b>Code OB:</b>				<b>East83:</b> 447690.70	
<b>Code OB Desc:</b>				<b>North83:</b> 5021702.00	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 5	
<b>Date Completed:</b>		28-Aug-1958 00:00:00		<b>UTMRC Desc:</b> margin of error : 100 m - 300 m	
<b>Remarks:</b>				<b>Location Method:</b> p5	
<b>Loc Method Desc:</b>		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931009686			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		3.0			
<b>Formation End Depth:</b>		125.0			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931009685			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		3.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961508446			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579050			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053607			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		125.0			
<b>Casing Diameter:</b>		4.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053606			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		20.0			
<b>Casing Diameter:</b>		5.0			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pumping Test Method Desc:</b>		PUMP			
<b>Pump Test ID:</b>		991508446			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Level After Pumping:</b>		60.0			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		5.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			

**Water Details**

**Water ID:** 933462946  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 125.0  
**Water Found Depth UOM:** ft

**Links**

<b>Bore Hole ID:</b> 10030480	<b>Tag No:</b>	
<b>Depth M:</b> 38.1	<b>Contractor:</b>	3566
<b>Year Completed:</b> 1958	<b>Path:</b>	1501508446.pdf
<b>Well Completed Dt:</b> 1958/08/28	<b>Latitude:</b>	45.3468765190673
<b>Audit No:</b>	<b>Longitude:</b>	-75.6677362124584

11	1 of 1	ESE/238.3	97.9 / 1.00	ON	BORE
<b>Borehole ID:</b>	612458			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513767			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.346788
<b>Total Depth m:</b>	4.9			<b>Longitude DD:</b>	-75.667735
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447691
<b>Drill Method:</b>				<b>Northing:</b>	5021692
<b>Orig Ground Elev m:</b>	98.2			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	96.4				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b> 218391364	<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b> .2	<b>Material Moisture:</b>	
<b>Bottom Depth:</b> .9	<b>Material Texture:</b>	
<b>Material Color:</b> Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b> Sand	<b>Geologic Formation:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Silt			Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218391366 3.7 4.9 Grey Bedrock Limestone	SAND. BROWN, LOOSE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
BEDROCK. GREY, SOUND. 0000000700006026000301000012010060008301500145100. SILT. DENSE. 0004 **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218391363 0 .2 Unknown Soil	UNSPECIFIED.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218391365 .9 3.7 Brown Silt Sand Till	SILT. BROWN, GREY, DENSE TO VERY DENSE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
<b>Source</b>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049660 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<b>Source List</b>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
<a href="#">12</a>	1 of 1	NNE/239.0	98.9 / 2.00	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Borehole ID:</b>	612491			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513799			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	SEP-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.349928
<b>Total Depth m:</b>	3.5			<b>Longitude DD:</b>	-75.66956
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447551
<b>Drill Method:</b>				<b>Northing:</b>	5022042
<b>Orig Ground Elev m:</b>	99.7			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	100				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

### Borehole Geology Stratum

**Geology Stratum ID:** 218391476  
**Top Depth:** .5  
**Bottom Depth:** .7  
**Material Color:** Red  
**Material 1:** Bedrock  
**Material 2:**  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** BEDROCK. WEATHERED.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Geology Stratum ID:** 218391475  
**Top Depth:** 0  
**Bottom Depth:** .5  
**Material Color:**  
**Material 1:** Unknown  
**Material 2:** Soil  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** UNSPECIFIED.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Geology Stratum ID:** 218391477  
**Top Depth:** .7  
**Bottom Depth:** 3.5  
**Material Color:** Grey  
**Material 1:** Bedrock  
**Material 2:** Limestone  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** BEDROCK. GREY,SOUND. 0000005100015100001510000163100UND. 00000005000150170005305600060056  
\*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

### Source

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:** H  
**Observatio:**

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>		Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049990 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>		1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada		<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	
				NAD27 Mean Average Sea Level Universal Transverse Mercator	
<a href="#">13</a>	1 of 20	NNW/245.9	97.9 / 1.00	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD. A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	GEN
<b>Generator No:</b> <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> <b>PO Box No:</b> <b>Country:</b> <b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>		ON2392229 6571 CAMERA/PHOTO. SUPPLY 98,99,00,01			
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		264 PHOTOPROCESSING WASTES			
<a href="#">13</a>	2 of 20	NNW/245.9	97.9 / 1.00	SHOPPERS DRUG MART 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	GEN
<b>Generator No:</b> <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> <b>PO Box No:</b> <b>Country:</b> <b>Status:</b> <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>		ON2530791 6031 PHARMACIES 00,01			
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		261 PHARMACEUTICALS			
<b>Waste Class:</b> <b>Waste Class Name:</b>		312 PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">13</a>	3 of 20	NNW/245.9	97.9 / 1.00	Rio-Can Property Services 3310 McCarthy Road Ottawa ON K1V 9S1	GEN
<p>Generator No: ON4269148</p> <p>SIC Code:</p> <p>SIC Description:</p> <p>Approval Years: 02,03,04</p> <p>PO Box No:</p> <p>Country:</p> <p>Status:</p> <p>Co Admin:</p> <p>Choice of Contact:</p> <p>Phone No Admin:</p> <p>Contaminated Facility:</p> <p>MHSW Facility:</p>					
<b>Detail(s)</b>					
<p>Waste Class: 264</p> <p>Waste Class Name: PHOTOPROCESSING WASTES</p>					
<a href="#">13</a>	4 of 20	NNW/245.9	97.9 / 1.00	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629) 3310 MCCARTHY RD OTTAWA ON K1V 9S1	PES
<p>Detail Licence No:</p> <p>Licence No:</p> <p>Status:</p> <p>Approval Date:</p> <p>Report Source:</p> <p>Licence Type: Limited Vendor</p> <p>Licence Type Code: 23</p> <p>Licence Class:</p> <p>Licence Control:</p> <p>Latitude:</p> <p>Longitude:</p> <p>Lot:</p> <p>Concession:</p> <p>Region:</p> <p>District:</p> <p>County:</p> <p>Trade Name:</p> <p>PDF URL:</p>					
<p>Operator Box:</p> <p>Operator Class:</p> <p>Operator No:</p> <p>Operator Type:</p> <p>Oper Area Code:</p> <p>Oper Phone No:</p> <p>Operator Ext:</p> <p>Operator Lot:</p> <p>Oper Concession:</p> <p>Operator Region:</p> <p>Operator District:</p> <p>Operator County:</p> <p>Op Municipality:</p> <p>Post Office Box:</p> <p>MOE District:</p> <p>SWP Area Name:</p>					
<a href="#">13</a>	5 of 20	NNW/245.9	97.9 / 1.00	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629) 3310 MCCARTHY RD OTTAWA ON K1V 9S1	PES
<p>Detail Licence No:</p> <p>Licence No:</p> <p>Status:</p> <p>Approval Date:</p> <p>Report Source:</p> <p>Licence Type: Vendor</p> <p>Licence Type Code:</p> <p>Licence Class:</p> <p>Licence Control:</p> <p>Latitude:</p> <p>Longitude:</p> <p>Lot:</p>					
<p>Operator Box:</p> <p>Operator Class:</p> <p>Operator No:</p> <p>Operator Type:</p> <p>Oper Area Code:</p> <p>Oper Phone No:</p> <p>Operator Ext:</p> <p>Operator Lot:</p> <p>Oper Concession:</p> <p>Operator Region:</p> <p>Operator District:</p> <p>Operator County:</p>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scrn:</b> <b>MOE Reported Dt:</b> 9/23/2010 <b>Dt Document Closed:</b> 9/28/2010 <b>Municipality No:</b> <b>System Facility Address:</b> <b>Client Type:</b> <b>Call Report Location Geodata:</b> <b>Contaminant Code:</b> 38 <b>Contaminant Name:</b> FREON (CFC) <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Receiving Medium:</b> <b>Receiving Environment:</b> <b>Incident Reason:</b> Equipment Failure <b>Incident Summary:</b> Metro Grocery Store - 180 kg of freon to air. <b>Site Region:</b> <b>Site Municipality:</b> <b>Activity Preceding Spill:</b> <b>Property 2nd Watershed:</b> <b>Property Tertiary Watershed:</b> <b>Sector Type:</b> Other <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Site District Office:</b> <b>Nearest Watercourse:</b> <b>Site Name:</b> Metro Supermarket <UNOFFICIAL> <b>Site Address:</b>					
<a href="#">13</a>	8 of 20	NNW/245.9	97.9 / 1.00	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	PES
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Vendor <b>Licence Type:</b> <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF URL:</b>					
<a href="#">13</a>	9 of 20	NNW/245.9	97.9 / 1.00	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245 3310 McCarthy Road Ottawa ON K1V 9S1	PES
<b>Detail Licence No:</b> 23-01-15339-0 <b>Operator Box:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p> <b>Licence No:</b>  <b>Status:</b>  <b>Approval Date:</b>  <b>Report Source:</b>  <b>Licence Type:</b> LIMITED  <b>Licence Type Code:</b>  <b>Licence Class:</b>  <b>Licence Control:</b>  <b>Latitude:</b>  <b>Longitude:</b>  <b>Lot:</b>  <b>Concession:</b>  <b>Region:</b>  <b>District:</b>  <b>County:</b>  <b>Trade Name:</b>  <b>PDF URL:</b> </p>					
<a href="#">13</a>	10 of 20	NNW/245.9	97.9 / 1.00	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629 3310 MCCARTHY RD OTTAWA ON K1V9S1	PES
<p> <b>Detail Licence No:</b>  <b>Licence No:</b> 16236  <b>Status:</b>  <b>Approval Date:</b>  <b>Report Source:</b> Legacy Licenses (Excluding TS)  <b>Licence Type:</b> Limited Vendor  <b>Licence Type Code:</b> 23  <b>Licence Class:</b> 01  <b>Licence Control:</b>  <b>Latitude:</b>  <b>Longitude:</b>  <b>Lot:</b>  <b>Concession:</b>  <b>Region:</b>  <b>District:</b>  <b>County:</b>  <b>Trade Name:</b>  <b>PDF URL:</b> </p>					
<a href="#">13</a>	11 of 20	NNW/245.9	97.9 / 1.00	THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD 3310 MCCARTHY Road OTTAWA ON K1V9A1	NPRI
<p> <b>NPRI ID:</b> 8800001731  <b>Other ID:</b>  <b>No Other ID:</b>  <b>Track ID:</b>  <b>Report ID:</b>  <b>Report Type:</b>  <b>Rpt Type ID:</b>  <b>Report Year:</b> 2004  <b>Not-Current Rpt?:</b>  <b>Yr of Last Filed Rpt:</b>  <b>Fac ID:</b>  <b>Fac Name:</b> A &amp; P - 3310 MCCARTHY RD.  <b>Fac Address1:</b>  <b>Fac Address2:</b>  <b>Fac Postal Zip:</b> </p>					
<p> <b>Org ID:</b>  <b>Submit Date:</b>  <b>Last Modified:</b>  <b>Contact ID:</b>  <b>Cont Type:</b> MED  <b>Contact Title:</b> Mr.  <b>Cont First Name:</b> KIRK  <b>Cont Last Name:</b> SHIPLO  <b>Contact Position:</b> Director Maintenance  <b>Contact Fax:</b>  <b>Contact Ph.:</b>  <b>Cont Area Code:</b> 416  <b>Contact Tel.:</b> 2346979  <b>Contact Ext.:</b>  <b>Cont Fax Area Cde:</b> </p>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Facility Lat:</b> <b>Facility Long:</b> <b>DLS (Last Filed Rpt):</b> <b>Facility DLS:</b> <b>Datum:</b> <b>Facility Cmnts:</b> <b>URL:</b> <b>No of Empl.:</b> 20 <b>Parent Co.:</b> <b>No Parent Co.:</b> <b>Pollut Prev Cmnts:</b> <b>Stacks:</b> <b>No of Stacks:</b> <b>Canadian SIC Code (2 digit):</b> <b>Canadian SIC Code:</b> <b>SIC Code Description:</b> <b>American SIC Code:</b> <b>NAICS Code (2 digit):</b> 53 <b>NAICS 2 Description:</b> Real Estate and Rental and Leasing <b>NAICS Code (4 digit):</b> 5311 <b>NAICS 4 Description:</b> Lessors of Real Estate <b>NAICS Code (6 digit):</b> 531120 <b>NAICS 6 Description:</b> Lessors of Non-Residential Buildings (except Mini-Warehouses)				<b>Contact Fax:</b> <b>Contact Email:</b> kshiplo@aptea.com <b>Latitude:</b> <b>Longitude:</b> <b>UTM Zone:</b> <b>UTM Northing:</b> <b>UTM Easting:</b> <b>Waste Streams:</b> <b>No Streams:</b> <b>Waste Off Sites:</b> <b>No Off Sites:</b> <b>Shutdown:</b> <b>No of Shutdown:</b>	

**Substance Release Report**

**CAS No:** 10024-97-2  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** Nitrous oxide  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes

**CAS No:** 630-08-0  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** Carbon monoxide  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes

**CAS No:** NA - M09  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** PM10 - Particulate Matter <= 10 Microns  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes

**CAS No:** 124-38-9  
**Report ID:**  
**Rpt Period:** 2004  
**Subst Released:** Carbon dioxide  
**Air:**  
**Water:**  
**Land:**  
**Total Releases:**  
**Units:** tonnes



<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>
<b>CAS No:</b>		NA - M08			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		PM - Total Particulate Matter			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		NA - M16			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Volatile Organic Compounds (VOCs)			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		NA - M10			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		11104-93-1			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Nitrogen oxides (expressed as NO2)			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		7446-09-5			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Sulphur dioxide			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		74-82-8			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Methane			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		811-97-2			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		HFC-134a Hydrofluorocarbon			
<b>Air:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water:</b> <b>Land:</b> <b>Total Releases:</b> <b>Units:</b> tonnes					
<a href="#">13</a>	12 of 20	<b>NNW/245.9</b>	<b>97.9 / 1.00</b>	<b>A. M. Pharmicare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1</b>	<b>GEN</b>
<b>Generator No:</b> ON3728649 <b>SIC Code:</b> 446110 <b>SIC Description:</b> 446110 <b>Approval Years:</b> 2016 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> <b>Co Admin:</b> Nastran Najafi-Fard <b>Choice of Contact:</b> CO_ADMIN <b>Phone No Admin:</b> 416-493-1220 Ext.3218 <b>Contaminated Facility:</b> No <b>MHSW Facility:</b> No					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 261 <b>Waste Class Name:</b> PHARMACEUTICALS					
<b>Waste Class:</b> 312 <b>Waste Class Name:</b> PATHOLOGICAL WASTES					
<a href="#">13</a>	13 of 20	<b>NNW/245.9</b>	<b>97.9 / 1.00</b>	<b>A. M. Pharmicare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1</b>	<b>GEN</b>
<b>Generator No:</b> ON3728649 <b>SIC Code:</b> 446110 <b>SIC Description:</b> 446110 <b>Approval Years:</b> 2015 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> <b>Co Admin:</b> Nastran Najafi-Fard <b>Choice of Contact:</b> CO_ADMIN <b>Phone No Admin:</b> 416-493-1220 Ext.3218 <b>Contaminated Facility:</b> No <b>MHSW Facility:</b> No					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 312 <b>Waste Class Name:</b> PATHOLOGICAL WASTES					
<b>Waste Class:</b> 261 <b>Waste Class Name:</b> PHARMACEUTICALS					
<a href="#">13</a>	14 of 20	<b>NNW/245.9</b>	<b>97.9 / 1.00</b>	<b>A. M. Pharmicare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1</b>	<b>GEN</b>
<b>Generator No:</b> ON3728649 <b>SIC Code:</b> <b>SIC Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<b><u>Detail(s)</u></b>					
Waste Class:		261 A			
Waste Class Name:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			

<a href="#">13</a>	15 of 20	NNW/245.9	97.9 / 1.00	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629 3310 MCCARTHY RD OTTAWA ON K1V9S1	PES
Detail Licence No:		Operator Box:			
Licence No:		18414	Operator Class:		
Status:		Operator No:			
Approval Date:		Operator Type:			
Report Source:		Legacy Licenses (Excluding TS)	Oper Area Code:		
Licence Type:		Limited Vendor	613	Oper Phone No:	
Licence Type Code:		23	5232835		
Licence Class:		01	Operator Ext:		
Licence Control:		Operator Lot:			
Latitude:		Oper Concession:			
Longitude:		Operator Region:			
Lot:		Operator District:			
Concession:		Operator County:			
Region:		Op Municipality:			
District:		Post Office Box:			
County:		MOE District:			
Trade Name:		SWP Area Name:			
PDF URL:					

<a href="#">13</a>	16 of 20	NNW/245.9	97.9 / 1.00	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629) 3310 MCCARTHY RD OTTAWA ON K1V9S1	PES
Detail Licence No:		Operator Box:			
Licence No:		14209	Operator Class:		
Status:		Operator No:			
Approval Date:		Operator Type:			
Report Source:		Legacy Licenses (Excluding TS)	Oper Area Code:		
Licence Type:		Limited Vendor	613	Oper Phone No:	
Licence Type Code:		23	5232835		
Licence Class:		01	Operator Ext:		
Licence Control:		Operator Lot:			
Latitude:		Oper Concession:			
Longitude:		Operator Region:			
Lot:		Operator District:			
Concession:		Operator County:			
Region:		Op Municipality:			
District:		Post Office Box:			
		MOE District:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County: Trade Name: PDF URL:				SWP Area Name:	
<a href="#">13</a>	17 of 20	NNW/245.9	97.9 / 1.00	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245 3310 MCCARTHY ROAD OTTAWA ON K1V9S1	PES
Detail Licence No: Licence No: 15339 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
<a href="#">13</a>	18 of 20	NNW/245.9	97.9 / 1.00	A. M. Pharmacare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
Generator No: ON3728649 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u> Waste Class: 312 P Waste Class Name: Pathological wastes Waste Class: 261 A Waste Class Name: Pharmaceuticals					
<a href="#">13</a>	19 of 20	NNW/245.9	97.9 / 1.00	B. Thomas Pharmacy Ltd. 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
Generator No: ON3728649 SIC Code: SIC Description: Approval Years: As of Nov 2021					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> Registered <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 312 P <b>Waste Class Name:</b> Pathological wastes  <b>Waste Class:</b> 261 A <b>Waste Class Name:</b> Pharmaceuticals					
<a href="#">13</a>	20 of 20	NNW/245.9	97.9 / 1.00	B. Thomas Pharmacy Ltd. 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
<b>Generator No:</b> ON3728649 <b>SIC Code:</b> <b>SIC Description:</b> <b>Approval Years:</b> As of Oct 2022 <b>PO Box No:</b> <b>Country:</b> Canada <b>Status:</b> Registered <b>Co Admin:</b> <b>Choice of Contact:</b> <b>Phone No Admin:</b> <b>Contaminated Facility:</b> <b>MHSW Facility:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 312 P <b>Waste Class Name:</b> PATHOLOGICAL WASTES  <b>Waste Class:</b> 261 A <b>Waste Class Name:</b> PHARMACEUTICALS					
<a href="#">14</a>	1 of 3	ESE/246.6	96.9 / 0.00	Cahill Drive Ottawa ON K1V	EHS
<b>Order No:</b> 22011200596 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 25-JAN-22 <b>Date Received:</b> 12-JAN-22 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.66748729 <b>Y:</b> 45.34696886					
<a href="#">14</a>	2 of 3	ESE/246.6	96.9 / 0.00	Cahill Drive Ottawa ON K1V	EHS
<b>Order No:</b> 22011200596 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 25-JAN-22					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Date Received:</b>	12-JAN-22			<b>X:</b>	-75.66748729
<b>Previous Site Name:</b>				<b>Y:</b>	45.34696886
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<a href="#"><u>14</u></a>	3 of 3	<b>ESE/246.6</b>	<b>96.9 / 0.00</b>	<b>Cahill Drive Ottawa ON K1V</b>	<b>EHS</b>
<b>Order No:</b>	22011200596			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	25-JAN-22			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	12-JAN-22			<b>X:</b>	-75.66748729
<b>Previous Site Name:</b>				<b>Y:</b>	45.34696886
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

# Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Centralla Subdivision	Annapolis/Columbia/Yorkberry/Twyford	Ottawa ON	
CA	OTTAWA CITY	TWYFORD ST.	OTTAWA CITY ON	
CA	OTTAWA CITY	TWYFORD STREET	OTTAWA CITY ON	
CA	Centralla Subdivision	Annapolis/Columbia/Yorkberry/Twyford	Ottawa ON	
CA	City of Ottawa	Part of Lots 1 to 5, Concession 3	Ottawa ON	
EBR	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA	ON	
ECA	Waste Management of Canada Corporation	Lot 5, 2 and 3 concession	Ottawa ON	K0A 1L0
ECA	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
NDFT		UPLANDS SITE	ON	
NDFT		Uplands Site	ON	
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS SITE	ON	



PTTW	Ottawa Hunt and Golf Club, Limited	Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA	ON	
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WWIS		lot 4 con 2	ON	
WWIS		lot 5	ON	

# Unplottable Report

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**Site:** *Centralla Subdivision*  
*Annapolis/Columbia/Yorkberry/Twyford Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 9193-562QSE  
**Application Year:** 02  
**Issue Date:** 1/7/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Minto Developments Inc.  
**Client Address:** 427 Laurier Avenue West, Suite 300  
**Client City:** Ottawa  
**Client Postal Code:** K1R 7Y2  
**Project Description:** Installation of watermains on Annapolis Circle, Columbia Avenue and Yorkberry Gate  
**Contaminants:**  
**Emission Control:**

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**Site:** *OTTAWA CITY*  
*TWYFORD ST. OTTAWA CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-0476-86-  
**Application Year:** 86  
**Issue Date:** 5/14/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *OTTAWA CITY*  
*TWYFORD STREET OTTAWA CITY ON*

**Database:**  
*CA*

**Certificate #:** 7-0344-86-  
**Application Year:** 86  
**Issue Date:** 5/14/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Centralla Subdivision*  
*Annapolis/Columbia/Yorkberry/Twyford Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 5006-562Q52  
**Application Year:** 02

**Issue Date:** 1/7/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Minto Developments Inc.  
**Client Address:** 427 Laurier Avenue West, Suite 300  
**Client City:** Ottawa  
**Client Postal Code:** K1R 7Y2  
**Project Description:** Installation of sanitary and storm sewers on Annapolis Circle, Columbia Avenue, Yorkberry Gate and Twyford Street.  
**Contaminants:**  
**Emission Control:**

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**Site:** **City of Ottawa**  
**Part of Lots 1 to 5, Concession 3 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 7940-5X6RQ2  
**Application Year:** 2004  
**Issue Date:** 6/16/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **Waste Management of Canada Corporation**  
**Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA ON**

**Database:**  
**EBR**

**EBR Registry No:** 012-8433  
**Ministry Ref No:** 1829-AC4MA3  
**Notice Type:** Instrument Final Decision  
**Notice Stage:**  
**Notice Date:** June 29, 2017  
**Proposal Date:** August 19, 2016  
**Year:** 2016  
**Instrument Type:** (EPA Part II.1-waste) - Environmental Compliance Approval (project type: waste)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Waste Management of Canada Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:**  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA

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**Site:** **Waste Management of Canada Corporation**  
**Lot 5, 2 and 3 concession Ottawa ON K0A 1L0**

**Database:**  
**ECA**

**Approval No:** 7953-CFDMRG  
**Approval Date:** August 10, 2022  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:** Mississippi Valley

**MOE District:** Ottawa  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:** -8468784.9962000009  
**Geometry Y:** 5667824.9619999966

**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Waste Management of Canada Corporation  
**Address:** Lot 5, 2 and 3 concession  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2684-CEYHTR-14.pdf>  
**PDF Site Location:** Carp Road Modifications  
City of Ottawa, Ontario

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**Site:** **Waste Management of Canada Corporation** **Database:**  
**Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0** **ECA**

**Approval No:** A461002 **MOE District:** Ottawa  
**Approval Date:** 2017-03-30 **City:**  
**Status:** Revoked and/or Replaced **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** Mississippi Valley **Geometry Y:**  
**Approval Type:** ECA-WASTE MANAGEMENT SYSTEMS  
**Project Type:** WASTE MANAGEMENT SYSTEMS  
**Business Name:** Waste Management of Canada Corporation  
**Address:** Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3  
**Full Address:**  
**Full PDF Link:**  
**PDF Site Location:**

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**Site:** **UPLANDS SITE ON** **Database:**  
**UPLANDS SITE ON** **NDFT**

**Property Id:** K6144  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:** 1998  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** **Uplands Site ON** **Database:**  
**Uplands Site ON** **NDFT**

**Property Id:** K6141  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Tank with pumps to fuel vehicles, airplanes, boats, etc  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:**  
**Tank Contents:** Diesel  
**Capacity (L):** 45000

---

**Site:** **UPLANDS SITE ON** **Database:**  
**UPLANDS SITE ON** **NDFT**

**Property Id:** K6142  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed

---

**Last Year Used:**  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6145  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Tank with pumps to fuel vehicles, airplanes, boats, etc  
**Install Year:** 1994  
**Tank Type:** More Info Needed  
**Last Year Used:**  
**Tank Contents:** Unleaded Gasoline  
**Capacity (L):** 15000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6137  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6138  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6139  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6140  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6143  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:** 1998  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6150  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:**  
**Install Year:** 1992  
**Tank Type:** Underground  
**Last Year Used:** 1997  
**Tank Contents:** Organic chemicals, alcohols  
**Capacity (L):** 10000

---

**Site:** Ottawa Hunt and Golf Club, Limited  
Lot 5, Concession 2 City of Ottawa, Ontario CITY OF OTTAWA ON

**Database:**  
PTTW

**EBR Registry No:** 013-2682  
**Ministry Ref No:** 0641-AX8JAH  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** September 19, 2018  
**Proposal Date:** March 27, 2018  
**Year:** 2018  
**Instrument Type:** Permit to Take Water - OWRA s. 34  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Ottawa Hunt and Golf Club, Limited(OWRA s. 34) - Permit to Take Water  
**Site Address:**  
**Location Other:**  
**Proponent Name:** Ottawa Hunt and Golf Club, Limited  
**Proponent Address:** 1 Hunt Club Road Ottawa Ontario Canada K1V 1B9  
**Comment Period:**  
**URL:** <http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTM0OTYz&statusId=MjA3Mzcy&language=en>

**Site Location Details:**

Lot 5, Concession 2



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**Site:** Waste Management of Canada Corporation  
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

**Database:**  
WDS

<b>Approval No:</b>	A461002	<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>		<b>Landfill Cap (m<sup>3</sup>):</b>	
<b>EBR Registry No:</b>		<b>Transfer Area (ha):</b>	
<b>Status:</b>	Revoked and/or Replaced	<b>Transfer Cap (m<sup>3</sup>):</b>	
<b>Facility Type:</b>		<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA	<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS	<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES	<b>Process Area (m<sup>3</sup>):</b>	
<b>Application Status:</b>		<b>Process Cap (m<sup>3</sup>/d):</b>	
<b>Issue Date:</b>	2018-04-04	<b>Process Vol (m<sup>3</sup>):</b>	
<b>Input Date:</b>		<b>Process Feed (m<sup>3</sup>):</b>	
<b>Date Received:</b>		<b>Site Concession:</b>	
<b>Est Closure Date:</b>		<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>		<b>SWP Area Name:</b>	Mississippi Valley
<b>Mobile Units:</b>		<b>MOE District:</b>	Ottawa
<b>Mobile Description:</b>		<b>District Office:</b>	
<b>Prop City:</b>		<b>Latitude:</b>	
<b>Prop Postal:</b>		<b>Longitude:</b>	
<b>Prop Phone:</b>		<b>Geometry X:</b>	
<b>Serial Link:</b>		<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE DISPOSAL SITES		
<b>Proponent:</b>			
<b>Prop Address:</b>			
<b>Proponent County/District:</b>			
<b>Full Address:</b>	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
<b>Site Lot:</b>			
<b>Waste Class Code:</b>			
<b>Waste Class:</b>			
<b>Waste Type:</b>			
<b>Waste Type Other:</b>			
<b>Waste Description:</b>			
<b>Landfill Monitoring:</b>			
<b>Landfill Ctrl Type:</b>			
<b>Site Closing Description:</b>			
<b>Project Description:</b>			
<b>Municipalities Served:</b>			
<b>Approval Description:</b>			
<b>Other Approvals/Permits:</b>			
<b>PDF URL:</b>			
<b>PDF Site Location:</b>			

---

**Site:** Waste Management of Canada Corporation  
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

**Database:**  
WDS

<b>Approval No:</b>	A461002	<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>		<b>Landfill Cap (m<sup>3</sup>):</b>	
<b>EBR Registry No:</b>		<b>Transfer Area (ha):</b>	
<b>Status:</b>	Revoked and/or Replaced	<b>Transfer Cap (m<sup>3</sup>):</b>	
<b>Facility Type:</b>		<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA	<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS	<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES	<b>Process Area (m<sup>3</sup>):</b>	
<b>Application Status:</b>		<b>Process Cap (m<sup>3</sup>/d):</b>	
<b>Issue Date:</b>	2018-08-09	<b>Process Vol (m<sup>3</sup>):</b>	
<b>Input Date:</b>		<b>Process Feed (m<sup>3</sup>):</b>	
<b>Date Received:</b>		<b>Site Concession:</b>	
<b>Est Closure Date:</b>		<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>		<b>SWP Area Name:</b>	Mississippi Valley
<b>Mobile Units:</b>		<b>MOE District:</b>	Ottawa
<b>Mobile Description:</b>		<b>District Office:</b>	

**Prop City:**  
**Prop Postal:**  
**Prop Phone:**  
**Serial Link:**  
**Approval Type:** ECA-WASTE DISPOSAL SITES  
**Proponent:**  
**Prop Address:**  
**Proponent County/District:**  
**Full Address:** Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3  
**Site Lot:**  
**Waste Class Code:**  
**Waste Class:**  
**Waste Type:**  
**Waste Type Other:**  
**Waste Description:**  
**Landfill Monitoring:**  
**Landfill Ctrl Type:**  
**Site Closing Description:**  
**Project Description:**  
**Municipalities Served:**  
**Approval Description:**  
**Other Approvals/Permits:**  
**PDF URL:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9503-AX9LL3-14.pdf>  
**PDF Site Location:**

**Latitude:**  
**Longitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** **Waste Management of Canada Corporation**  
**Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0**

**Database:**  
**WDS**

**Approval No:** A461002  
**Mob Unit Cert No:**  
**EBR Registry No:**  
**Status:** Revoked and/or Replaced  
**Facility Type:**  
**Record Type:** ECA  
**Link Source:** IDS  
**Project Type:** WASTE DISPOSAL SITES  
**Application Status:**  
**Issue Date:** 2017-04-24  
**Input Date:**  
**Date Received:**  
**Est Closure Date:**  
**Mobile Capacity:**  
**Mobile Units:**  
**Mobile Description:**  
**Prop City:**  
**Prop Postal:**  
**Prop Phone:**  
**Serial Link:**  
**Approval Type:** ECA-WASTE DISPOSAL SITES  
**Proponent:**  
**Prop Address:**  
**Proponent County/District:**  
**Full Address:** Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3  
**Site Lot:**  
**Waste Class Code:**  
**Waste Class:**  
**Waste Type:**  
**Waste Type Other:**  
**Waste Description:**  
**Landfill Monitoring:**  
**Landfill Ctrl Type:**  
**Site Closing Description:**  
**Project Description:**  
**Municipalities Served:**  
**Approval Description:**  
**Other Approvals/Permits:**  
**PDF URL:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2086-AKXGP6-14.pdf>  
**PDF Site Location:**

**Total Area (ha):**  
**Landfill Cap (m³):**  
**Transfer Area (ha):**  
**Transfer Cap (m³):**  
**Transfer Cert No:**  
**Inciner. Area (ha):**  
**Inciner. Cap (t):**  
**Process Area (m³):**  
**Process Cap (m³/d):**  
**Process Vol (m³):**  
**Process Feed (m³):**  
**Site Concession:**  
**Site Region/County:** Mississippi Valley  
**SWP Area Name:** Ottawa  
**MOE District:**  
**District Office:**  
**Latitude:**  
**Longitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** Waste Management of Canada Corporation  
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

**Database:**  
WDS

<b>Approval No:</b>	A461002	<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>		<b>Landfill Cap (m³):</b>	
<b>EBR Registry No:</b>		<b>Transfer Area (ha):</b>	
<b>Status:</b>	Revoked and/or Replaced	<b>Transfer Cap (m³):</b>	
<b>Facility Type:</b>		<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA	<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS	<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES	<b>Process Area (m³):</b>	
<b>Application Status:</b>		<b>Process Cap (m³/d):</b>	
<b>Issue Date:</b>	2017-03-01	<b>Process Vol (m³):</b>	
<b>Input Date:</b>		<b>Process Feed (m³):</b>	
<b>Date Received:</b>		<b>Site Concession:</b>	
<b>Est Closure Date:</b>		<b>Site Region/County:</b>	Mississippi Valley
<b>Mobile Capacity:</b>		<b>SWP Area Name:</b>	Ottawa
<b>Mobile Units:</b>		<b>MOE District:</b>	
<b>Mobile Description:</b>		<b>District Office:</b>	
<b>Prop City:</b>		<b>Latitude:</b>	
<b>Prop Postal:</b>		<b>Longitude:</b>	
<b>Prop Phone:</b>		<b>Geometry X:</b>	
<b>Serial Link:</b>		<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE DISPOSAL SITES		
<b>Proponent:</b>			
<b>Prop Address:</b>			
<b>Proponent County/District:</b>			
<b>Full Address:</b>	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
<b>Site Lot:</b>			
<b>Waste Class Code:</b>			
<b>Waste Class:</b>			
<b>Waste Type:</b>			
<b>Waste Type Other:</b>			
<b>Waste Description:</b>			
<b>Landfill Monitoring:</b>			
<b>Landfill Ctrl Type:</b>			
<b>Site Closing Description:</b>			
<b>Project Description:</b>			
<b>Municipalities Served:</b>			
<b>Approval Description:</b>			
<b>Other Approvals/Permits:</b>			
<b>PDF URL:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1829-AC4MA3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1829-AC4MA3-14.pdf</a>		
<b>PDF Site Location:</b>			

**Site:** lot 4 con 2 ON

**Database:**  
WWIS

<b>Well ID:</b>	1536506	<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>		<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic	<b>Data Entry Status:</b>	
<b>Use 2nd:</b>		<b>Data Src:</b>	
<b>Final Well Status:</b>	Water Supply	<b>Date Received:</b>	01-Aug-2006 00:00:00
<b>Water Type:</b>		<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>		<b>Abandonment Rec:</b>	
<b>Audit No:</b>	235230	<b>Contractor:</b>	4006
<b>Tag:</b>		<b>Form Version:</b>	2
<b>Constructn Method:</b>		<b>Owner:</b>	
<b>Elevation (m):</b>		<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>		<b>Lot:</b>	004
<b>Depth to Bedrock:</b>		<b>Concession:</b>	02
<b>Well Depth:</b>		<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>		<b>Easting NAD83:</b>	
<b>Pump Rate:</b>		<b>Northing NAD83:</b>	
<b>Static Water Level:</b>		<b>Zone:</b>	
<b>Clear/Cloudy:</b>		<b>UTM Reliability:</b>	
<b>Municipality:</b>	15000		

**Site Info:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	11550572	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	04-Mar-2004 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	933066017
<b>Layer:</b>	5
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	40.0
<b>Formation End Depth:</b>	140.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	933066014
<b>Layer:</b>	2
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	8.0
<b>Formation End Depth:</b>	21.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	933066016
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	71
<b>Mat2 Desc:</b>	FRACTURED

**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 34.0  
**Formation End Depth:** 40.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 933066015  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 05  
**Mat2 Desc:** CLAY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 21.0  
**Formation End Depth:** 34.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 933066013  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 8.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933299444  
**Layer:** 1  
**Plug From:** 40.0  
**Plug To:** 0.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961536506  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11560179  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930884700  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:** -2.0  
**Depth To:** 40.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930884699  
**Layer:** 1  
**Material:**  
**Open Hole or Material:**  
**Depth From:** 0.0  
**Depth To:** 40.0  
**Casing Diameter:** 10.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930884701  
**Layer:** 3  
**Material:**  
**Open Hole or Material:**  
**Depth From:** 40.0  
**Depth To:** 140.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 11569551  
**Pump Set At:** 60.0  
**Static Level:** 12.0  
**Final Level After Pumping:** 21.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:**  
**Flowing:**

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662477  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 16.700000762939453  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662479



**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662476  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 14.300000190734863  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662478  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 18.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934078358  
**Layer:** 2  
**Kind Code:**  
**Kind:**  
**Water Found Depth:** 129.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 934078359  
**Layer:** 1  
**Kind Code:**  
**Kind:**  
**Water Found Depth:** 93.0  
**Water Found Depth UOM:** ft

**Site:** lot 5 ON

**Database:**  
**WWIS**

**Well ID:** 1500377  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** OTTAWA CITY (GLOUCESTER)  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 26-Feb-1948 00:00:00  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1107  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 005  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10022422  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 24-Jul-1947 00:00:00  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 930989114  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 19  
**Most Common Material:** SLATE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 28.0  
**Formation End Depth:** 89.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 930989113  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 15.0  
**Formation End Depth:** 28.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 930989112  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961500377  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10570992  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930037777  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 28.0  
**Casing Diameter:** 4.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930037778  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 89.0  
**Casing Diameter:** 4.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** BAILER  
**Pump Test ID:** 991500377  
**Pump Set At:**  
**Static Level:** 12.0  
**Final Level After Pumping:** 24.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 8.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 8.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 30  
**Flowing:** No

**Water Details**

**Water ID:** 933452894  
**Layer:** 1  
**Kind Code:** 4

**Kind:** MINERIAL  
**Water Found Depth:** 89.0  
**Water Found Depth UOM:** ft

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial

[AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022**

### **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-Mar 2022**

### **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**

### **Aboveground Storage Tanks:**

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

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

### **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-May 31, 2022**

### **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 2018**

**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2020**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-May 31, 2022**

**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 -Sep 2022**

**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-Nov 2022**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Feb 28, 2023**

**Drill Hole Database:**

Provincial [DRL](#)

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

**Government Publication Date: 1886 - Oct 2022**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: Feb 28, 2022**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

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

**Government Publication Date: Oct 2011- Feb 28, 2023**

**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994 - Feb 28, 2023**

**Environmental Compliance Approval:**

Provincial [ECA](#)

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

**Government Publication Date: Oct 2011- Feb 28, 2023**

**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-Dec 31, 2022**

**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: Apr 30, 2022**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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, 2021**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Dec 2022**

**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 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**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-Oct 31, 2022**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

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

**Government Publication Date: 2013-Dec 2019**

**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\***

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2022**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: 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 include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Mar 21, 2022**

**Canadian Mine Locations:**

Private

[MINE](#)

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

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

**Mineral Occurrences:**

Provincial

[MNR](#)

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

**Government Publication Date: 1846-Feb 2023**

**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, 2021**

**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 Canada Energy Regulator (CER) - previously 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, 2021**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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

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

Federal

[NEES](#)

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

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

[NPCB](#)

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

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

[NPRI](#)

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

[OGWE](#)

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

**Government Publication Date: 1988-Nov 30, 2022**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

**Government Publication Date: 1800-Aug 2021**

**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 Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994 - Feb 28, 2023**

**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: Oct 2011- Feb 28, 2023**

**Pipeline Incidents:**

Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2021**

**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 PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994 - Feb 28, 2023**

**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: 1986-1990, 1992-2020**

**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-Feb 2023**

**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-May 31, 2022**

**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

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: 1988-Mar 2021; May 2021-Oct 2021**

**Wastewater Discharger Registration Database:**

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

**Government Publication Date: 1990-Dec 31, 2020**

**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 - Apr 2020**

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

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered 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.

**Government Publication Date: Feb 28, 2022**

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011- Feb 28, 2023**

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

Provincial

[WDSH](#)

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

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

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Jun 30 2022**



# 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.





# DATABASE REPORT

**Project Property:** *Phase One Environmental Site Assessment  
1 Finch Private and 3405 Uplands Drive  
Ottawa ON K1V*

**Project No:** *LOP20-006*

**Report Type:** *Standard Report*

**Order No:** *20282700141*

**Requested by:** *Lopers & Associates*

**Date Completed:** *September 1, 2020*

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# Executive Summary

## Property Information:

**Project Property:** *Phase One Environmental Site Assessment  
1 Finch Private and 3405 Uplands Drive Ottawa ON K1V*

**Project No:** *LOP20-006*

## **Coordinates:**

**Latitude:** *45.347855*  
**Longitude:** *-75.6703732*  
**UTM Northing:** *5,021,812.42*  
**UTM Easting:** *447,485.03*  
**UTM Zone:** *18T*

**Elevation:** *318 FT  
96.88 M*

## Order Information:

**Order No:** *20282700141*  
**Date Requested:** *August 27, 2020*  
**Requested by:** *Lopers & Associates*  
**Report Type:** *Standard Report*

## Historical/Products:

**Aerial Photographs** *Aerials - National Collection*

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	0	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	9	9
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	1	1
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	8	8
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	3	3
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
<b>Total:</b>			<b>1</b>	<b>29</b>	<b>30</b>

## 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>
<a href="#">1</a>	EHS		1 Finch Pvt Ottawa ON K1V0E6	W/16.9	0.00	<a href="#">17</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">2</a>	BORE		ON	NNE/91.1	1.00	<a href="#">17</a>
<a href="#">3</a>	SPL	OC Transit<UNOFFICIAL>	Uplands Dr @ corner of Bennett St. Ottawa ON	SSW/131.4	0.00	<a href="#">18</a>
<a href="#">4</a>	GEN	TANNEOF CO-OPERATIVE HOMES INC	131 Twyford Street Ottawa ON K1V 0W5	NNE/133.3	1.00	<a href="#">19</a>
<a href="#">4</a>	GEN	Elevation Elevator Inc.	131 Twyford Street Ottawa ON K1V0W5	NNE/133.3	1.00	<a href="#">19</a>
<a href="#">5</a>	BORE		ON	SSW/162.1	0.00	<a href="#">19</a>
<a href="#">6</a>	WWIS		ON <i>Well ID:</i> 1508580	E/178.3	1.00	<a href="#">21</a>
<a href="#">7</a>	BORE		ON	NNW/216.7	1.20	<a href="#">23</a>
<a href="#">8</a>	BORE		ON	SSE/232.9	1.00	<a href="#">25</a>
<a href="#">9</a>	WWIS		ON <i>Well ID:</i> 1508446	ESE/233.4	1.00	<a href="#">26</a>
<a href="#">10</a>	BORE		ON	ESE/238.3	1.00	<a href="#">28</a>
<a href="#">11</a>	BORE		ON	NNE/239.0	2.00	<a href="#">30</a>
<a href="#">12</a>	GEN	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">31</a>



<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">12</a>	GEN	SHOPPERS DRUG MART	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">31</a>
<a href="#">12</a>	GEN	Rio-Can Property Services	3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">32</a>
<a href="#">12</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">32</a>
<a href="#">12</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">32</a>
<a href="#">12</a>	SPL		3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">33</a>
<a href="#">12</a>	SPL	Metro Ontario Inc.	3310 McCarthy Ave. Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">33</a>
<a href="#">12</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW/245.9	1.00	<a href="#">34</a>
<a href="#">12</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 McCarthy Road Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">34</a>
<a href="#">12</a>	PES	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">35</a>
<a href="#">12</a>	NPRI	THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD	3310 MCCARTHY Road OTTAWA ON K1V9A1	NNW/245.9	1.00	<a href="#">35</a>
<a href="#">12</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">37</a>
<a href="#">12</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">38</a>
<a href="#">12</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">38</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">12</a>	PES	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">38</a>
<a href="#">12</a>	PES	NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">39</a>
<a href="#">12</a>	PES	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V9S1	NNW/245.9	1.00	<a href="#">39</a>
<a href="#">12</a>	GEN	A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW/245.9	1.00	<a href="#">40</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	NNE	91.10	<a href="#"><u>2</u></a>
	ON	SSW	162.07	<a href="#"><u>5</u></a>
	ON	NNW	216.69	<a href="#"><u>7</u></a>
	ON	SSE	232.91	<a href="#"><u>8</u></a>
	ON	ESE	238.26	<a href="#"><u>10</u></a>
	ON	NNE	238.95	<a href="#"><u>11</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	1 Finch Pvt Ottawa ON K1V0E6	W	16.90	<a href="#"><u>1</u></a>

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

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 9 GEN site(s) within approximately 0.25 kilometers of

the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Elevation Elevator Inc.	131 Twyford Street Ottawa ON K1V0W5	NNE	133.27	<a href="#"><u>4</u></a>
TANNEOF CO-OPERATIVE HOMES INC	131 Twyford Street Ottawa ON K1V 0W5	NNE	133.27	<a href="#"><u>4</u></a>
Rio-Can Property Services	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
A. M. Pharmacare Limited	3310 MCCARTHY RD Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
SHOPPERS DRUG MART	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.	A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>

### **NPRI - National Pollutant Release Inventory**

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD	3310 MCCARTHY Road OTTAWA ON K1V9A1	NNW	245.94	<a href="#"><u>12</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011-Jul 31, 2020 has found that there are 8 PES 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>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">12</a>
A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">12</a>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">12</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">12</a>
NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)	3310 MCCARTHY RD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">12</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	NNW	245.94	<a href="#">12</a>
METRO ONTARIO INC O/A METRO/FOOD BASICS # 245	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#">12</a>
A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629	3310 MCCARTHY RD OTTAWA ON K1V9S1	NNW	245.94	<a href="#">12</a>

### **SPL - Ontario Spills**

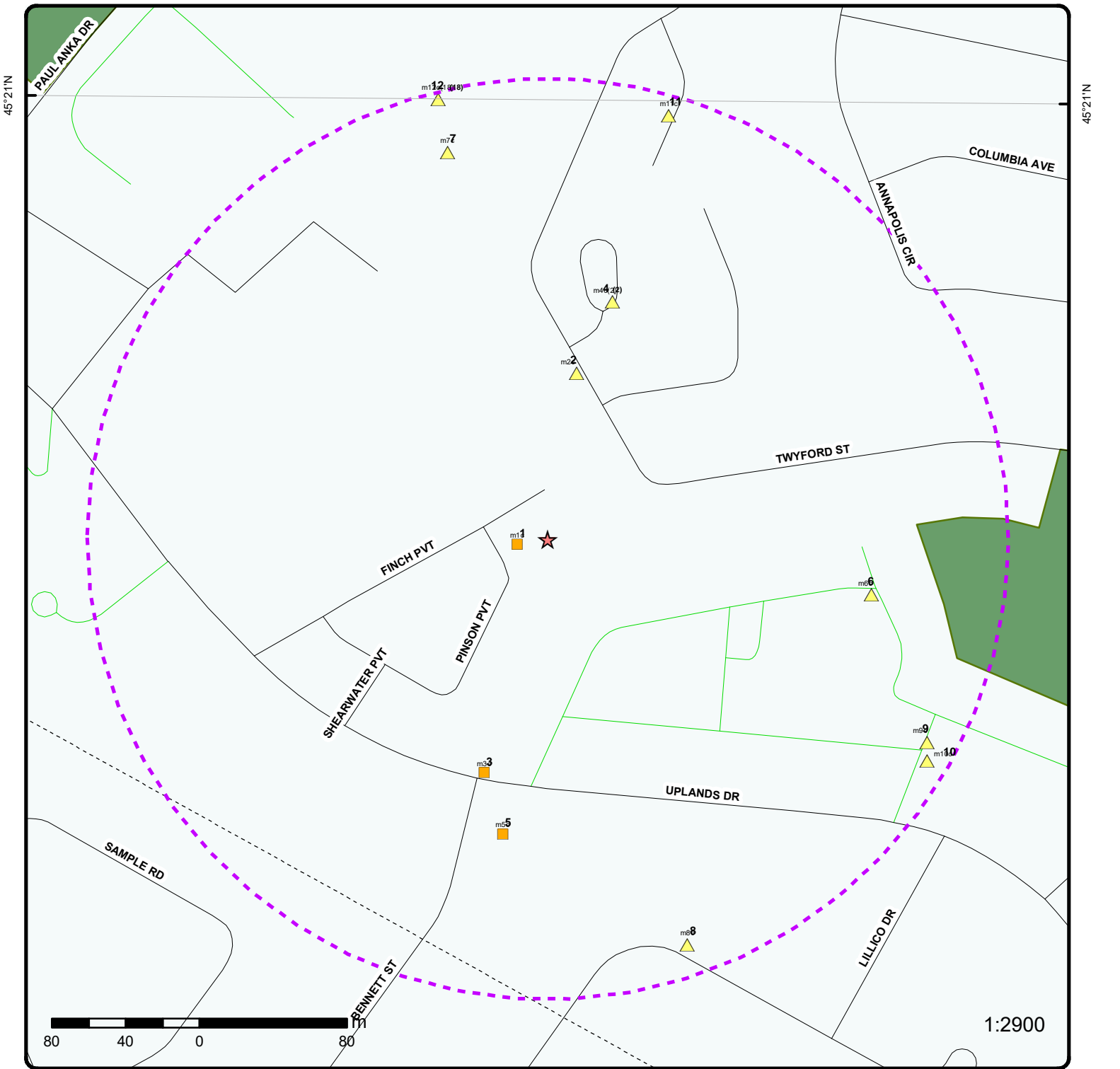
A search of the SPL database, dated 1988-Nov 2019 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OC Transit<UNOFFICIAL>	Uplands Dr @ corner of Bennett St. Ottawa ON	SSW	131.45	<a href="#"><u>3</u></a>
Metro Ontario Inc.	3310 McCarthy Ave. Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>
	3310 McCarthy Road Ottawa ON K1V 9S1	NNW	245.94	<a href="#"><u>12</u></a>

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

A search of the WWIS database, dated Apr 30, 2020 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 1508580	E	178.29	<a href="#"><u>6</u></a>
	ON <i>Well ID:</i> 1508446	ESE	233.44	<a href="#"><u>9</u></a>



## Map : 0.25 Kilometer Radius

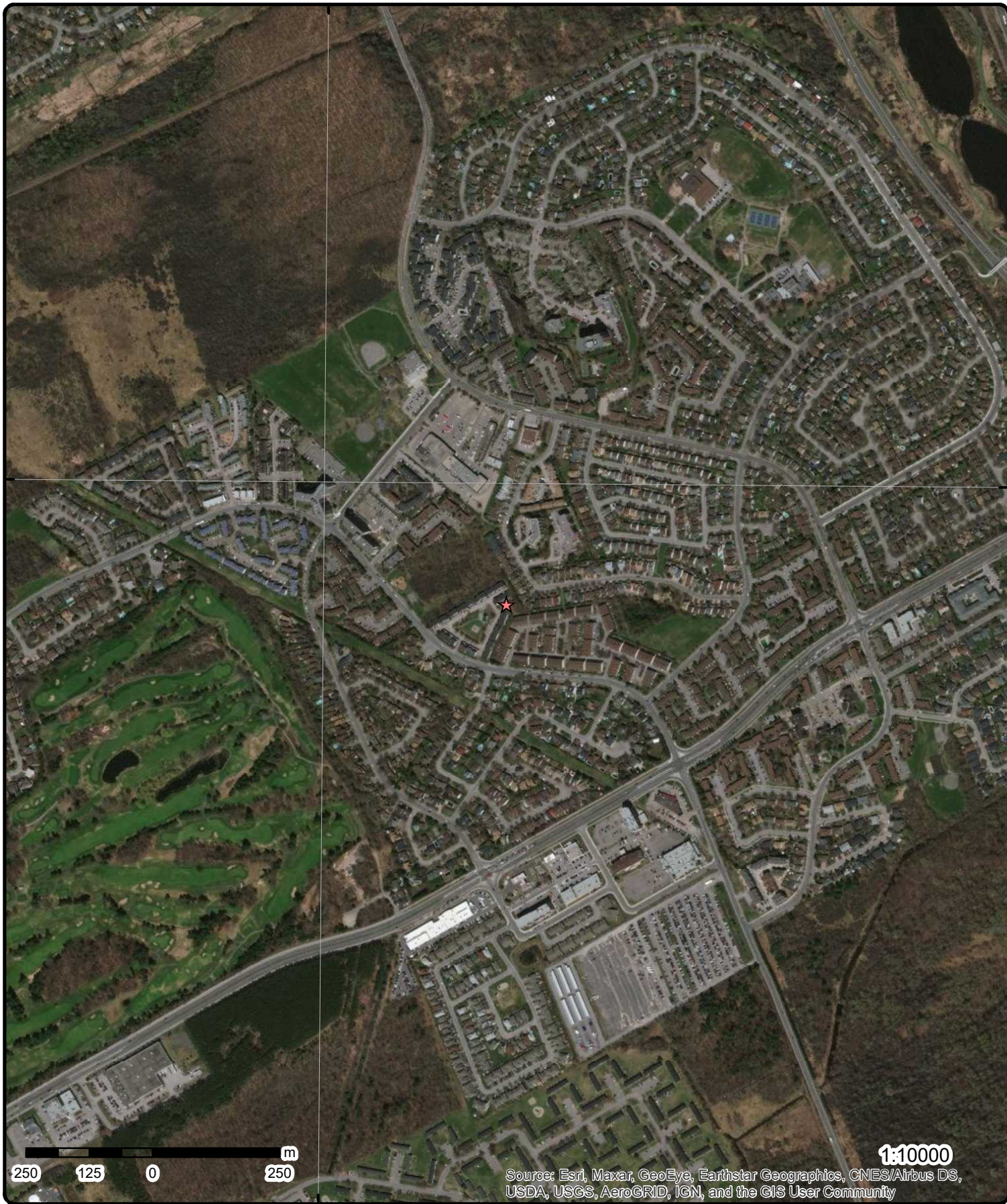
Order Number: 20282700141

Address: 1 Finch Private and 3405 Uplands Drive, Ottawa, ON



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





250 125 0 250 m

1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2019

**Address: 1 Finch Private and 3405 Uplands Drive, Ottawa, ON**

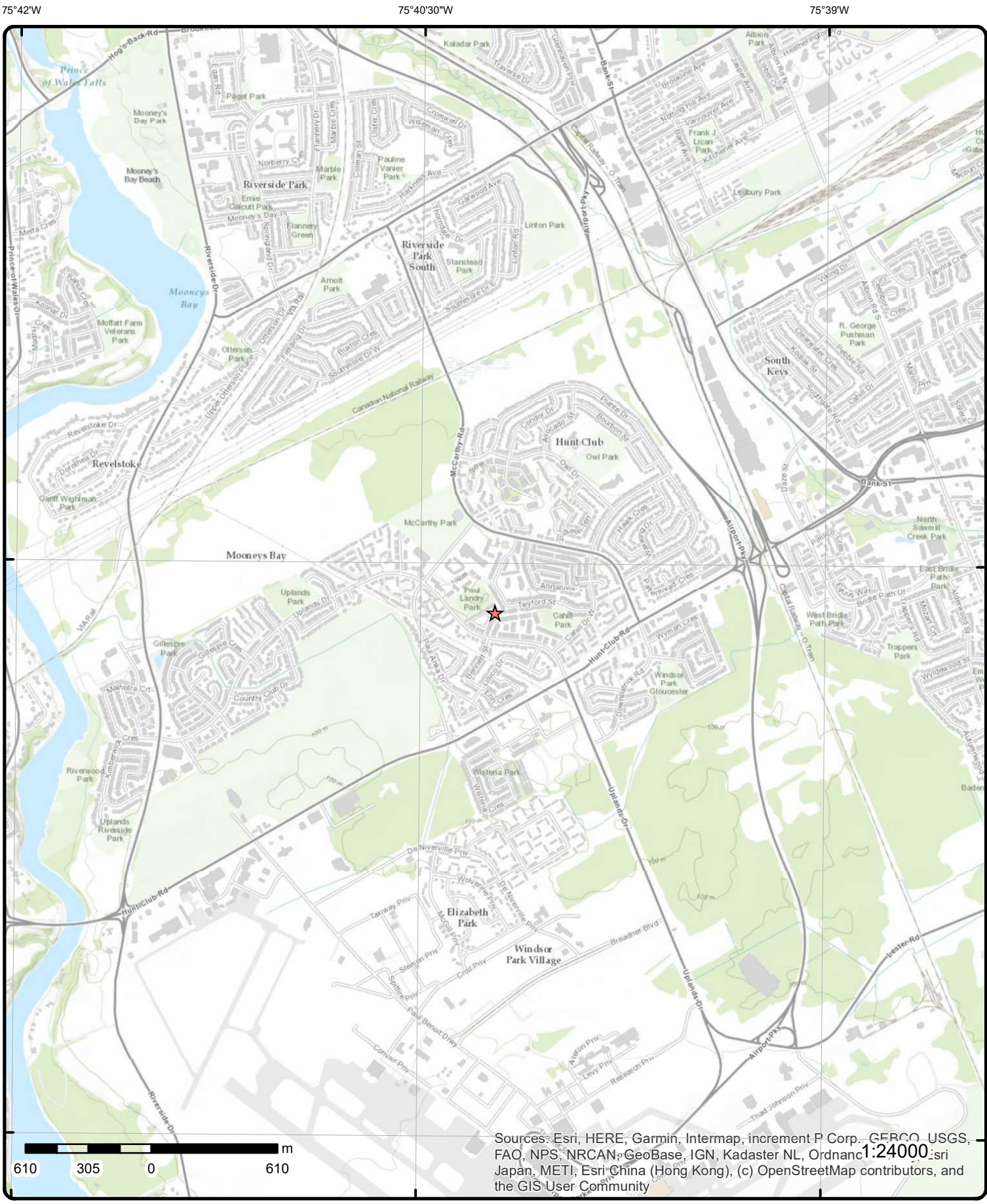
Source: ESRI World Imagery

Order Number: 20282700141



© ERIS Information Limited Partnership





# Topographic Map

Address: 1 Finch Private and 3405 Uplands Drive, ON

Source: ESRI World Topographic Map

Order Number: 20282700141



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	W/16.9	96.9 / 0.00	1 Finch Pvt Ottawa ON K1V0E6	EHS
<b>Order No:</b>		20170117126		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		24-JAN-17		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		17-JAN-17		<b>X:</b> -75.670585	
<b>Previous Site Name:</b>				<b>Y:</b> 45.347826	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		City Directory; Aerial Photos			

<u>2</u>	1 of 1	NNE/91.1	97.9 / 1.00	ON	BORE
<b>Borehole ID:</b>		612480		<b>Inclin FLG:</b> No	
<b>OGF ID:</b>		215513789		<b>SP Status:</b> Initial Entry	
<b>Status:</b>		Borehole		<b>Surv Elev:</b> No	
<b>Type:</b>		Borehole		<b>Piezometer:</b> No	
<b>Use:</b>					
<b>Completion Date:</b>		SEP-1972		<b>Primary Name:</b>	
<b>Static Water Level:</b>					
<b>Primary Water Use:</b>					
<b>Sec. Water Use:</b>					
<b>Total Depth m:</b>		3.8		<b>Municipality:</b>	
<b>Depth Ref:</b>		Ground Surface		<b>Lot:</b>	
<b>Depth Elev:</b>					
<b>Drill Method:</b>					
<b>Orig Ground Elev m:</b>		98.6		<b>Township:</b>	
<b>Elev Reliabil Note:</b>					
<b>DEM Ground Elev m:</b>		98.5		<b>Latitude DD:</b> 45.348664	
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218391439	<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.8	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.9	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand	<b>Geologic Group:</b>	
<b>Material 3:</b>	Till	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	SILT. BROWN,DENSE.		
<b>Geology Stratum ID:</b>	218391440	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	1.9	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.8	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Bedrock Limestone			<b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391437 0 .3 Unknown Soil			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391438 .3 .8 Brown Silt Clay			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Loose
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049880 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.				
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<b>3</b>	<b>1 of 1</b>	<b>SSW/131.4</b>	<b>96.9 / 0.00</b>	<b>OC Transit&lt;UNOFFICIAL&gt;</b> <b>Uplands Dr @ corner of Bennett St.</b> <b>Ottawa ON</b>	<b>SPL</b>
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b>	4175-6ZBHRR Discharge Or Bypass To A Watercourse 27 COOLANT N.O.S.			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b>	Chemicals Other Motor Vehicle

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Possible <b>Nature of Impact:</b> Other Impact(s); Surface Water Pollution <b>Receiving Medium:</b> Water <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 3/15/2007 <b>Dt Document Closed:</b> 4/11/2007 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Coolant Leak from Bus<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> OC Transit - 20L coolant to road and sewer <b>Contaminant Qty:</b> 20 L				<b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	
<u>4</u>	1 of 2	NNE/133.3	97.9 / 1.00	TANNEOF CO-OPERATIVE HOMES INC 131 Twyford Street Ottawa ON K1V 0W5	GEN
<b>Generator No:</b> ON4475054 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2017 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<u>Detail(s)</u>					
<b>Waste Class:</b> 252 L <b>Waste Class Desc:</b> Waste crankcase oils and lubricants					
<u>4</u>	2 of 2	NNE/133.3	97.9 / 1.00	Elevation Elevator Inc. 131 Twyford Street Ottawa ON K1V0W5	GEN
<b>Generator No:</b> ON9434238 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2017 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<u>Detail(s)</u>					
<b>Waste Class:</b> 252 L <b>Waste Class Desc:</b> Waste crankcase oils and lubricants					
<u>5</u>	1 of 1	SSW/162.1	96.9 / 0.00	ON	BORE
<b>Borehole ID:</b> 612455 <b>OGF ID:</b> 215513764 <b>Status:</b> <b>Type:</b> Borehole <b>Use:</b> <b>Completion Date:</b> AUG-1972				<b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No <b>Primary Name:</b> <b>Municipality:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> 4.7 <b>Depth Ref:</b> Ground Surface <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> 99.1 <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> 96.6 <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>				<b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> 45.346411 <b>Longitude DD:</b> -75.670667 <b>UTM Zone:</b> 18 <b>Easting:</b> 447461 <b>Northing:</b> 5021652 <b>Location Accuracy:</b> <b>Accuracy:</b> Not Applicable	
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> 218391351 <b>Top Depth:</b> 0 <b>Bottom Depth:</b> .3 <b>Material Color:</b> <b>Material 1:</b> Unknown <b>Material 2:</b> Soil <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> UNSPECIFIED.				<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391354 <b>Top Depth:</b> 2.5 <b>Bottom Depth:</b> 4.4 <b>Material Color:</b> Grey <b>Material 1:</b> Silt <b>Material 2:</b> Sand <b>Material 3:</b> Till <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> SILT. GREY,COMPACT,DENSE.				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391353 <b>Top Depth:</b> 1.9 <b>Bottom Depth:</b> 2.5 <b>Material Color:</b> Brown <b>Material 1:</b> Sand <b>Material 2:</b> Silt <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> SAND. BROWN,COMPACT.				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391355 <b>Top Depth:</b> 4.4 <b>Bottom Depth:</b> 4.7 <b>Material Color:</b> Red <b>Material 1:</b> Bedrock <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> BEDROCK. WEATHERED. 0000000700009029000620560008301500145100. SILT. DENSE. 0004501700130002 **Note: Many records provided by the department have a truncated [Stratum Description] field.				<b>Mat Consistency:</b> Dense <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 218391352 <b>Top Depth:</b> .3 <b>Bottom Depth:</b> 1.9				<b>Mat Consistency:</b> Compact <b>Material Moisture:</b> <b>Material Texture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. COMPACT,DENSE.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 049630 NTS_Sheet: 31G05B				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>6</b>	1 of 1	<b>E/178.3</b>	<b>97.9 / 1.00</b>	<b>ON</b>	<b>WWIS</b>
<b>Well ID:</b>	1508580			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	10/15/1960
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3504
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508580.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508580.pdf</a>				
<b>Bore Hole Information</b>					
<b>Bore Hole ID:</b>	10030614			<b>Elevation:</b>	96.414428
<b>DP2BR:</b>	0			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	447660.7
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5021782
<b>Open Hole:</b>				<b>Org CS:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	8/3/1960			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931010037			
<b>Layer:</b>		1			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		127			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961508580			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10579184			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053863			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		60			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930053864			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		127			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		991508580			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		45			
Recommended Pump Depth:		70			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<b><u>Water Details</u></b>					
Water ID:		933463147			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		127			
Water Found Depth UOM:		ft			
<u>7</u>	1 of 1	NNW/216.7	98.1 / 1.20	ON	BORE
Borehole ID:	612488			Inclin FLG:	No
OGF ID:	215513797			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1972			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.349739
Total Depth m:	4.9			Longitude DD:	-75.671089
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	447431
Drill Method:				Northing:	5022022
Orig Ground Elev m:	98.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	98.4				
Concession:					
Location D:					
Survey D:					
Comments:					
<b><u>Borehole Geology Stratum</u></b>					
Geology Stratum ID:	218391468			Mat Consistency:	Compact
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Sand			<b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391470 1.8 4.9 Grey Bedrock Limestone			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
		SAND. BROWN,GREY,COMPACT.			
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391466 0 .5 Unknown Soil			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
		UNSPECIFIED.			
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391467 .5 .9 Brown Silt Clay			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Loose
		SILT. BROWN,LOOSE.			
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391469 1.6 1.8 Silt Sand Till			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Dense
		SILT. DENSE.			
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049960 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.			

**Source List**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<b>8</b>	1 of 1	<b>SSE/232.9</b>	<b>97.9 / 1.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	612451			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215513760			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1972			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.345878
<b>Total Depth m:</b>	2.7			<b>Longitude DD:</b>	-75.669384
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	447561
<b>Drill Method:</b>				<b>Northing:</b>	5021592
<b>Orig Ground Elev m:</b>	97.5			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	96.2				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218391334			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.3			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED.				
<b>Geology Stratum ID:</b>	218391335			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN, LOOSE.				
<b>Geology Stratum ID:</b>	218391337			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	1.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Gsc Material Description:**

**Stratum Description:** BEDROCK. GREY,SOUND. 0001000600025048067100SOFT,LAYERED. ,STIFF. SILT. GREY,VERY LOOSE.

<b>Geology Stratum ID:</b>	218391336	<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.8	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.2	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand	<b>Geologic Group:</b>	
<b>Material 3:</b>	Till	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	

**Gsc Material Description:**

**Stratum Description:** SILT. BROWN,DENSE.

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: OTTAWA1.txt RecordID: 049590 NTS_Sheet: 31G05B		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

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1 of 1

ESE/233.4

97.9 / 1.00

ON

WWIS

<b>Well ID:</b>	1508446	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	10/28/1958
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3566
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	OTTAWA CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1508446.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508446.pdf)

**Bore Hole Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bore Hole ID:</b>	10030480			<b>Elevation:</b>	96.37297
<b>DP2BR:</b>	3			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	447690.7
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5021702
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	8/28/1958			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931009686				
<b>Layer:</b>	2				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	15				
<b>Most Common Material:</b>	LIMESTONE				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	3				
<b>Formation End Depth:</b>	125				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931009685				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	02				
<b>Most Common Material:</b>	TOPSOIL				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	3				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>	961508446				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10579050				
<b>Casing No:</b>	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930053606  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 20  
 Casing Diameter: 5  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930053607  
 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

**Results of Well Yield Testing**

Pump Test ID: 991508446  
 Pump Set At:  
 Static Level: 20  
 Final Level After Pumping: 60  
 Recommended Pump Depth:  
 Pumping Rate: 5  
 Flowing Rate:  
 Recommended Pump Rate:  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 1  
 Pumping Duration MIN: 0  
 Flowing: No

**Water Details**

Water ID: 933462946  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 125  
 Water Found Depth UOM: ft

<a href="#">10</a>	1 of 1	ESE/238.3	97.9 / 1.00	ON	BORE
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Borehole ID:	612458	Inclin FLG:	No
OGF ID:	215513767	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Use:</b>					
<b>Completion Date:</b>	AUG-1972			<b>Primary Name:</b>	
<b>Static Water Level:</b>				<b>Municipality:</b>	
<b>Primary Water Use:</b>				<b>Lot:</b>	
<b>Sec. Water Use:</b>				<b>Township:</b>	
<b>Total Depth m:</b>	4.9			<b>Latitude DD:</b>	45.346788
<b>Depth Ref:</b>	Ground Surface			<b>Longitude DD:</b>	-75.667735
<b>Depth Elev:</b>				<b>UTM Zone:</b>	18
<b>Drill Method:</b>				<b>Easting:</b>	447691
<b>Orig Ground Elev m:</b>	98.2			<b>Northing:</b>	5021692
<b>Elev Reliabil Note:</b>				<b>Location Accuracy:</b>	
<b>DEM Ground Elev m:</b>	96.4			<b>Accuracy:</b>	Not Applicable
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218391364			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND. BROWN, LOOSE.				
<b>Geology Stratum ID:</b>	218391366			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	3.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK. GREY, SOUND. 0000000700006026000301000012010060008301500145100. SILT. DENSE. 0004 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218391363			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Soil			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED.				
<b>Geology Stratum ID:</b>	218391365			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Till			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. BROWN, GREY, DENSE TO VERY DENSE.				

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

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:** H  
**Observatio:**  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Details:** File: OTTAWA1.txt RecordID: 049660 NTS\_Sheet: 31G05B  
**Confiden 1:** Logged by professional. Exact and complete description of material and properties.

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

**Source List**

**Source Identifier:** 1  
**Source Type:** Data Survey  
**Source Date:** 1956-1972  
**Scale or Resolution:** Varies  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Originators:** Geological Survey of Canada

**Horizontal Datum:** NAD27  
**Vertical Datum:** Mean Average Sea Level  
**Projection Name:** Universal Transverse Mercator

**11**

1 of 1

**NNE/239.0**

**98.9 / 2.00**

**ON**

**BORE**

**Borehole ID:** 612491  
**OGF ID:** 215513799  
**Status:**  
**Type:** Borehole  
**Use:**  
**Completion Date:** SEP-1972  
**Static Water Level:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Total Depth m:** 3.5  
**Depth Ref:** Ground Surface  
**Depth Elev:**  
**Drill Method:**  
**Orig Ground Elev m:** 99.7  
**Elev Reliabil Note:**  
**DEM Ground Elev m:** 100  
**Concession:**  
**Location D:**  
**Survey D:**  
**Comments:**

**Inclin FLG:** No  
**SP Status:** Initial Entry  
**Surv Elev:** No  
**Piezometer:** No  
**Primary Name:**  
**Municipality:**  
**Lot:**  
**Township:**  
**Latitude DD:** 45.349928  
**Longitude DD:** -75.66956  
**UTM Zone:** 18  
**Easting:** 447551  
**Northing:** 5022042  
**Location Accuracy:**  
**Accuracy:** Not Applicable

**Borehole Geology Stratum**

**Geology Stratum ID:** 218391476  
**Top Depth:** .5  
**Bottom Depth:** .7  
**Material Color:** Red  
**Material 1:** Bedrock  
**Material 2:**  
**Material 3:**  
**Material 4:**  
**Gsc Material Description:**  
**Stratum Description:** BEDROCK. WEATHERED.

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**  
**Geologic Period:**  
**Depositional Gen:**

**Geology Stratum ID:** 218391475  
**Top Depth:** 0  
**Bottom Depth:** .5  
**Material Color:**  
**Material 1:** Unknown  
**Material 2:** Soil

**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**  
**Non Geo Mat Type:**  
**Geologic Formation:**  
**Geologic Group:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>		UNSPECIFIED.		<b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218391477 .7 3.5 Grey Bedrock Limestone			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
				BEDROCK. GREY,SOUND. 0000005100015100001510000163100UND. 00000005000150170005305600060056 **Note: Many records provided by the department have a truncated [Stratum Description] field.	

**Source**

<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 049990 NTS_Sheet: 31G05B Logged by professional. Exact and complete description of material and properties.	<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
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**Source List**

<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada	<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
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<a href="#">12</a>	1 of 18	NNW/245.9	97.9 / 1.00	GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD. A & P SUPER FRESH #245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON2392229  98,99,00,01  6571 CAMERA/PHOTO. SUPPLY			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	

**Detail(s)**

<b>Waste Class:</b> <b>Waste Class Desc:</b>	264 PHOTOPROCESSING WASTES
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<a href="#">12</a>	2 of 18	NNW/245.9	97.9 / 1.00	SHOPPERS DRUG MART 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b>	ON2530791  00,01			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	6031	PHARMACIES		<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		261 PHARMACEUTICALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 PATHOLOGICAL WASTES			
<a href="#">12</a>	3 of 18	NNW/245.9	97.9 / 1.00	<b>Rio-Can Property Services</b> <b>3310 McCarthy Road</b> <b>Ottawa ON K1V 9S1</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON4269148  02,03,04			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 PHOTOPROCESSING WASTES			
<a href="#">12</a>	4 of 18	NNW/245.9	97.9 / 1.00	<b>NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)</b> <b>3310 MCCARTHY RD</b> <b>OTTAWA ON K1V 9S1</b>	<b>PES</b>
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>	Limited Vendor 23			<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>	
<a href="#">12</a>	5 of 18	NNW/245.9	97.9 / 1.00	<b>NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)</b> <b>3310 MCCARTHY RD</b> <b>OTTAWA ON K1V 9S1</b>	<b>PES</b>
<b>Detail Licence No:</b> <b>Licence No:</b>				<b>Operator Box:</b> <b>Operator Class:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> Vendor <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>		<b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>			

<a href="#">12</a>	6 of 18	NNW/245.9	97.9 / 1.00	3310 McCarthy Road Ottawa ON K1V 9S1	SPL
<b>Ref No:</b> 0001-7XHS5U <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Pipe Or Hose Leak <b>Incident Event:</b> <b>Contaminant Code:</b> 38 <b>Contaminant Name:</b> REFRIGERANT GAS, N.O.S. <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 11/5/2009 <b>Dt Document Closed:</b> 11/10/2009 <b>Incident Reason:</b> <b>Site Name:</b> Metro<UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Metro: 230 lbs R404A to Atm, repaired <b>Contaminant Qty:</b> 230 lb		<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>			

<a href="#">12</a>	7 of 18	NNW/245.9	97.9 / 1.00	Metro Ontario Inc. 3310 McCarthy Ave. Ottawa ON K1V 9S1	SPL
<b>Ref No:</b> 7500-89KTJX <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Valve / Fitting Leak Or Failure <b>Incident Event:</b> <b>Contaminant Code:</b> 38 <b>Contaminant Name:</b> FREON (CFC) <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Not Anticipated		<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 9/23/2010 <b>Dt Document Closed:</b> 9/28/2010 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Metro Supermarket <UNOFFICIAL> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Metro Grocery Store - 180 kg of freon to air. <b>Contaminant Qty:</b> 180 kg				<b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	

<a href="#">12</a>	8 of 18	NNW/245.9	97.9 / 1.00	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245 3310 MCCARTHY ROAD OTTAWA ON K1V 9S1	PES
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> Vendor <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>				<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>	

<a href="#">12</a>	9 of 18	NNW/245.9	97.9 / 1.00	METRO ONTARIO INC O/A METRO/FOOD BASICS # 245 3310 McCarthy Road Ottawa ON K1V 9S1	PES
<b>Detail Licence No:</b> 23-01-15339-0 <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> LIMITED <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>				<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">12</a>	10 of 18	NNW/245.9	97.9 / 1.00	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629 3310 MCCARTHY RD OTTAWA ON K1V9S1	PES
<b>Detail Licence No:</b> <b>Licence No:</b> 16236 <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Legacy Licenses (Excluding TS) <b>Licence Type:</b> Limited Vendor <b>Licence Type Code:</b> 23 <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>		<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> 613 <b>Oper Phone No:</b> 5232835 <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>			
<a href="#">12</a>	11 of 18	NNW/245.9	97.9 / 1.00	THE GREAT ATLANTIC & PACIFIC COMPANY OF CANAD 3310 MCCARTHY Road OTTAWA ON K1V9A1	NPRI
<b>NPRI ID:</b> 8800001731 <b>Other ID:</b> <b>No Other ID:</b> <b>Track ID:</b> <b>Report ID:</b> <b>Report Type:</b> <b>Rpt Type ID:</b> <b>Report Year:</b> 2004 <b>Not-Current Rpt?:</b> <b>Yr of Last Filed Rpt:</b> <b>Fac ID:</b> <b>Fac Name:</b> A & P - 3310 MCCARTHY RD. <b>Fac Address1:</b> <b>Fac Address2:</b> <b>Fac Postal Zip:</b> <b>Facility Lat:</b> <b>Facility Long:</b> <b>DLS (Last Filed Rpt):</b> <b>Facility DLS:</b> <b>Datum:</b> <b>Facility Cmnts:</b> <b>URL:</b> <b>No of Empl.:</b> 20 <b>Parent Co.:</b> <b>No Parent Co.:</b> <b>Pollut Prev Cmnts:</b> <b>Stacks:</b> <b>No of Stacks:</b> <b>Canadian SIC Code (2 digit):</b> <b>Canadian SIC Code:</b> <b>SIC Code Description:</b> <b>American SIC Code:</b> <b>NAICS Code (2 digit):</b> 53		<b>Org ID:</b> <b>Submit Date:</b> <b>Last Modified:</b> <b>Contact ID:</b> <b>Cont Type:</b> MED <b>Contact Title:</b> Mr. <b>Cont First Name:</b> KIRK <b>Cont Last Name:</b> SHIPLO <b>Contact Position:</b> Director Maintenance <b>Contact Fax:</b> <b>Contact Ph.:</b> <b>Cont Area Code:</b> 416 <b>Contact Tel.:</b> 2346979 <b>Contact Ext.:</b> <b>Cont Fax Area Cde:</b> <b>Contact Fax:</b> <b>Contact Email:</b> kshiplo@aptea.com <b>Latitude:</b> <b>Longitude:</b> <b>UTM Zone:</b> <b>UTM Northing:</b> <b>UTM Easting:</b> <b>Waste Streams:</b> <b>No Streams:</b> <b>Waste Off Sites:</b> <b>No Off Sites:</b> <b>Shutdown:</b> <b>No of Shutdown:</b>			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>NAICS 2 Description:</b>				Real Estate and Rental and Leasing	
<b>NAICS Code (4 digit):</b>				5311	
<b>NAICS 4 Description:</b>				Lessors of Real Estate	
<b>NAICS Code (6 digit):</b>				531120	
<b>NAICS 6 Description:</b>				Lessors of Non-Residential Buildings (except Mini-Warehouses)	
<b><u>Substance Release Report</u></b>					
<b>CAS No:</b>				10024-97-2	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				Nitrous oxide	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>				tonnes	
<b>CAS No:</b>				630-08-0	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				Carbon monoxide	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>				tonnes	
<b>CAS No:</b>				NA - M09	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				PM10 - Particulate Matter <= 10 Microns	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>				tonnes	
<b>CAS No:</b>				124-38-9	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				Carbon dioxide	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>				tonnes	
<b>CAS No:</b>				NA - M08	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				PM - Total Particulate Matter	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>				tonnes	
<b>CAS No:</b>				NA - M16	
<b>Report ID:</b>					
<b>Rpt Period:</b>				2004	
<b>Subst Released:</b>				Volatile Organic Compounds (VOCs)	
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		NA - M10			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		11104-93-1			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Nitrogen oxides (expressed as NO2)			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		7446-09-5			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Sulphur dioxide			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		74-82-8			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		Methane			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			
<b>CAS No:</b>		811-97-2			
<b>Report ID:</b>					
<b>Rpt Period:</b>		2004			
<b>Subst Released:</b>		HFC-134a Hydrofluorocarbon			
<b>Air:</b>					
<b>Water:</b>					
<b>Land:</b>					
<b>Total Releases:</b>					
<b>Units:</b>		tonnes			

<a href="#">12</a>	12 of 18	NNW/245.9	97.9 / 1.00	A. M. Pharmicare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
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<b>Generator No:</b>	ON3728649	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2016	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Nastran Najafi-Fard
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	416-493-1220 Ext.3218
<b>SIC Code:</b>	446110		
<b>SIC Description:</b>	446110		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		261			
<b>Waste Class Desc:</b>		PHARMACEUTICALS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">12</a>	13 of 18	NNW/245.9	97.9 / 1.00	A. M. Pharmacare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
<b>Generator No:</b>		ON3728649		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b> Canada	
<b>Approval Years:</b>		2015		<b>Choice of Contact:</b> CO_ADMIN	
<b>Contam. Facility:</b>		No		<b>Co Admin:</b> Nastran Najafi-Fard	
<b>MHSW Facility:</b>		No		<b>Phone No Admin:</b> 416-493-1220 Ext.3218	
<b>SIC Code:</b>		446110			
<b>SIC Description:</b>		446110			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		261			
<b>Waste Class Desc:</b>		PHARMACEUTICALS			
<a href="#">12</a>	14 of 18	NNW/245.9	97.9 / 1.00	A. M. Pharmacare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN
<b>Generator No:</b>		ON3728649		<b>PO Box No:</b>	
<b>Status:</b>		Registered		<b>Country:</b> Canada	
<b>Approval Years:</b>		As of Dec 2018		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<a href="#">12</a>	15 of 18	NNW/245.9	97.9 / 1.00	A M PHARMACARE LIMITED O/A SHOPPERS DRUG MART #629 3310 MCCARTHY RD OTTAWA ON K1V9S1	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>		18414		<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>		Legacy Licenses (Excluding TS)		<b>Oper Area Code:</b> 613	
<b>Licence Type:</b>		Limited Vendor		<b>Oper Phone No:</b> 5232835	
<b>Licence Type Code:</b>		23		<b>Operator Ext:</b>	
<b>Licence Class:</b>		01		<b>Operator Lot:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>					
<b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>					
<a href="#">12</a>	16 of 18	NNW/245.9	97.9 / 1.00	<b>NASIR'S APOTHECARY INC. (SHOPPER'S DRUG MART #629)</b> 3310 MCCARTHY RD OTTAWA ON K1V9S1	<b>PES</b>
<b>Detail Licence No:</b> <b>Licence No:</b> 14209 <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Legacy Licenses (Excluding TS) <b>Licence Type:</b> Limited Vendor <b>Licence Type Code:</b> 23 <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>					
<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> 613 <b>Oper Phone No:</b> 5232835 <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>					
<a href="#">12</a>	17 of 18	NNW/245.9	97.9 / 1.00	<b>METRO ONTARIO INC O/A METRO/FOOD BASICS # 245</b> 3310 MCCARTHY ROAD OTTAWA ON K1V9S1	<b>PES</b>
<b>Detail Licence No:</b> <b>Licence No:</b> 15339 <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Legacy Licenses (Excluding TS) <b>Licence Type:</b> Limited Vendor <b>Licence Type Code:</b> 23 <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>					
<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> 613 <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<a href="#">12</a>	18 of 18	NNW/245.9	97.9 / 1.00	A. M. Pharmacare Limited 3310 MCCARTHY RD Ottawa ON K1V 9S1	GEN

**Generator No:** ON3728649  
**Status:** Registered  
**Approval Years:** As of Apr 2020  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**Detail(s)**

**Waste Class:** 261 A  
**Waste Class Desc:** Pharmaceuticals

**Waste Class:** 312 P  
**Waste Class Desc:** Pathological wastes

# Unplottable Summary

Total: 21 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Page Road Pond No. 1	Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806	Gloucester ON	
CA	Centralla Subdivision	Annapolis/Columbia/Yorkberry/Twyford	Ottawa ON	
CA	Centralla Subdivision	Annapolis/Columbia/Yorkberry/Twyford	Ottawa ON	
CA	Rideau Forest Development Ltd.	Part of Lot 5, Concession 3, Geographic Township of Osgoode	Ottawa ON	
CA	OTTAWA CITY	TWYFORD STREET	OTTAWA CITY ON	
CA	OTTAWA CITY	TWYFORD ST.	OTTAWA CITY ON	
GEN	DEPT. OF NATIONAL DEFENCE	BUILDING 308, FUEL FARM OFF UPLANDS DRIVE	GLOUCESTER ON	
GEN	GVT. OF CAN.-NATIONAL DEFENSE 17-625	OFF UPLANDS DRIVE BLDG.308 FUEL FARM C/O CFB OTTAWA S.	GLOUCESTER ON	K1A 0K5
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS SITE	ON	
NDFT		Uplands Site	ON	
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS SITE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS DRIVE	ON	
NDFT		UPLANDS SITE	ON	

SPL	ONTARIO HYDRO	LOT 5 CONC 2 HUNTLEY TWP. TRANSFORMER	OTTAWA-CARLETON R. M. ON
SPL	GLOUCESTER HYDRO	UPLANDS MS SUBSTATION ON UPLANDS DRIVE TRANSFORMER	GLOUCESTER CITY ON
WWIS		lot 4 con 2	ON



# Unplottable Report

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**Site:** *Page Road Pond No. 1  
Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806 Gloucester ON*

**Database:**  
*CA*

**Certificate #:** 3330-4SUM4R  
**Application Year:** 01  
**Issue Date:** 3/7/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the City of Ottawa  
**Client Address:** 1595, Telesat Court  
**Client City:** Gloucester  
**Client Postal Code:** K1G 3V5  
**Project Description:** This application is for the construction of a storm water management facility (Page Road Pond No. 1) designed for storm water quality and peak flow control serving the East Urba Community.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Centralla Subdivision  
Annapolis/Columbia/Yorkberry/Twyford Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 9193-562QSE  
**Application Year:** 02  
**Issue Date:** 1/7/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Minto Developments Inc.  
**Client Address:** 427 Laurier Avenue West, Suite 300  
**Client City:** Ottawa  
**Client Postal Code:** K1R 7Y2  
**Project Description:** Installation of watermains on Annapolis Circle, Columbia Avenue and Yorkberry Gate  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Centralla Subdivision  
Annapolis/Columbia/Yorkberry/Twyford Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 5006-562Q52  
**Application Year:** 02  
**Issue Date:** 1/7/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Minto Developments Inc.  
**Client Address:** 427 Laurier Avenue West, Suite 300  
**Client City:** Ottawa  
**Client Postal Code:** K1R 7Y2  
**Project Description:** Installation of sanitary and storm sewers on Annapolis Circle, Columbia Avenue, Yorkberry Gate and Twyford Street.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Rideau Forest Development Ltd.  
Part of Lot 5, Concession 3, Geographic Township of Osgoode Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 9805-6HWMA9  
**Application Year:** 2005  
**Issue Date:** 11/16/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** OTTAWA CITY  
TWYFORD STREET OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 7-0344-86-  
**Application Year:** 86  
**Issue Date:** 5/14/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** OTTAWA CITY  
TWYFORD ST. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-0476-86-  
**Application Year:** 86  
**Issue Date:** 5/14/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** DEPT. OF NATIONAL DEFENCE  
BUILDING 308, FUEL FARM OFF UPLANDS DRIVE GLOUCESTER ON

**Database:**  
GEN

**Generator No:** ON0046573  
**Status:**  
**Approval Years:** 98,99,00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 8111  
**SIC Description:** DEFENCE SERVICES  
**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 221  
**Waste Class Desc:** LIGHT FUELS

---

**Site:** GVT. OF CAN.-NATIONAL DEFENSE 17-625  
OFF UPLANDS DRIVE BLDG.308 FUEL FARM C/O CFB OTTAWA S. GLOUCESTER ON K1A 0K5

**Database:**  
GEN

**Generator No:** ON0046573  
**Status:**  
**Approval Years:** 94,95,96  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 8111  
**SIC Description:** DEFENCE SERVICES

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

**Detail(s)**

**Waste Class:** 221  
**Waste Class Desc:** LIGHT FUELS

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6150  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:**  
**Install Year:** 1992  
**Tank Type:** Underground  
**Last Year Used:** 1997  
**Tank Contents:** Organic chemicals, alcohols  
**Capacity (L):** 10000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6139  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6142  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:**  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** Uplands Site ON

**Database:**  
NDFT

**Property Id:** K6141  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)

**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Tank with pumps to fuel vehicles, airplanes, boats, etc  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:**  
**Tank Contents:** Diesel  
**Capacity (L):** 45000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6144  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:** 1998  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** UPLANDS SITE ON

**Database:**  
NDFT

**Property Id:** K6143  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Operating tank for heating or emergency power generator  
**Install Year:** 1995  
**Tank Type:** More Info Needed  
**Last Year Used:** 1998  
**Tank Contents:** Heating fuel / furnace oil  
**Capacity (L):** 45000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6140  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

---

**Site:** UPLANDS DRIVE ON

**Database:**  
NDFT

**Property Id:** K6138  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty

---

Capacity (L): 864000

**Site:** UPLANDS DRIVE ON

**Database:** NDFT

**Property Id:** K6137  
**Base Name:** CFB OTTAWA  
**Status:** Tank no longer in service and removed  
**Status As Of:** May 25, 2001  
**Tank Class:** Bulk Storage (i.e. >45 000 litres)  
**Install Year:** 1954  
**Tank Type:** Aboveground Field-erected  
**Last Year Used:** 1994  
**Tank Contents:** Empty  
**Capacity (L):** 864000

**Site:** UPLANDS SITE ON

**Database:** NDFT

**Property Id:** K6145  
**Base Name:** (0002) CF SUPPORT UNIT (OTTAWA)  
**Status:** Tank currently active  
**Status As Of:** May 25, 2001  
**Tank Class:** Tank with pumps to fuel vehicles, airplanes, boats, etc  
**Install Year:** 1994  
**Tank Type:** More Info Needed  
**Last Year Used:**  
**Tank Contents:** Unleaded Gasoline  
**Capacity (L):** 15000

**Site:** ONTARIO HYDRO  
LOT 5 CONC 2 HUNTLEY TWP. TRANSFORMER OTTAWA-CARLETON R.M. ON

**Database:** SPL

<b>Ref No:</b> 28839	<b>Discharger Report:</b>
<b>Site No:</b>	<b>Material Group:</b>
<b>Incident Dt:</b> 12/13/1989	<b>Health/Env Conseq:</b>
<b>Year:</b>	<b>Client Type:</b>
<b>Incident Cause:</b> COOLING SYSTEM LEAK	<b>Sector Type:</b>
<b>Incident Event:</b>	<b>Agency Involved:</b>
<b>Contaminant Code:</b>	<b>Nearest Watercourse:</b>
<b>Contaminant Name:</b>	<b>Site Address:</b>
<b>Contaminant Limit 1:</b>	<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>	<b>Site Postal Code:</b>
<b>Contaminant UN No 1:</b>	<b>Site Region:</b>
<b>Environment Impact:</b> NOT ANTICIPATED	<b>Site Municipality:</b> 20000
<b>Nature of Impact:</b>	<b>Site Lot:</b>
<b>Receiving Medium:</b> LAND	<b>Site Conc:</b>
<b>Receiving Env:</b>	<b>Northing:</b>
<b>MOE Response:</b>	<b>Easting:</b>
<b>Dt MOE Arvl on Scn:</b>	<b>Site Geo Ref Accu:</b>
<b>MOE Reported Dt:</b> 12/13/1989	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>	<b>SAC Action Class:</b>
<b>Incident Reason:</b> EQUIPMENT FAILURE	<b>Source Type:</b>
<b>Site Name:</b>	
<b>Site County/District:</b>	
<b>Site Geo Ref Meth:</b>	
<b>Incident Summary:</b> ONT.HYDRO - 100 LTR OIL TO SNOW FROM TRANSFORMER.NON-PCB.	
<b>Contaminant Qty:</b>	

**Site:** GLOUCESTER HYDRO  
UPLANDS MS SUBSTATION ON UPLANDS DRIVE TRANSFORMER GLOUCESTER CITY ON

**Database:** SPL

**Ref No:** 87910 **Discharger Report:**

**Site No:**  
**Incident Dt:** 7/3/1993  
**Year:**  
**Incident Cause:** COOLING SYSTEM LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/3/1993  
**Dt Document Closed:**  
**Incident Reason:** STORM/FLOOD/WIND  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** GLOUCESTER HYDRO-UNK QTY NON-PCB OIL TO LAND FROM TRANSFORMER: LIGHTNING  
**Contaminant Qty:**

**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20105  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** lot 4 con 2 ON

**Database:**  
**WWIS**

**Well ID:** 1536506  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 235230  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 8/1/2006  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 4006  
**Form Version:** 2  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** 15000  
**Site Info:**  
**Lot:** 004  
**Concession:** 02  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 11550572  
**DP2BR:** 34  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 3/4/2004  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 933066014  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 8  
**Formation End Depth:** 21  
**Formation End Depth UOM:** ft

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

**Formation ID:** 933066017  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 40  
**Formation End Depth:** 140  
**Formation End Depth UOM:** ft

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

**Formation ID:** 933066015  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 05  
**Mat2 Desc:** CLAY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 21  
**Formation End Depth:** 34  
**Formation End Depth UOM:** ft

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

**Formation ID:** 933066016  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 71  
**Mat2 Desc:** FRACTURED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 34  
**Formation End Depth:** 40  
**Formation End Depth UOM:** ft



**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 933066013  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 8  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933299444  
**Layer:** 1  
**Plug From:** 40  
**Plug To:** 0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961536506  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11560179  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930884701  
**Layer:** 3  
**Material:**  
**Open Hole or Material:**  
**Depth From:** 40  
**Depth To:** 140  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930884700  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:** -2  
**Depth To:** 40  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930884699  
**Layer:** 1  
**Material:**  
**Open Hole or Material:**  
**Depth From:** 0  
**Depth To:** 40  
**Casing Diameter:** 10  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 11569551  
**Pump Set At:** 60  
**Static Level:** 12  
**Final Level After Pumping:** 21  
**Recommended Pump Depth:**  
**Pumping Rate:** 10  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:**  
**Flowing:**

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662478  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 18  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662476  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 14.3  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662477  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 16.7  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 11662479  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 21  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934078358  
**Layer:** 2  
**Kind Code:**  
**Kind:**  
**Water Found Depth:** 129  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 934078359  
**Layer:** 1  
**Kind Code:**  
**Kind:**  
**Water Found Depth:** 93  
**Water Found Depth UOM:** ft

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial

[AGR](#)

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

**Government Publication Date: Up to Sep 2019**

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

Provincial

[AMIS](#)

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

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

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

Private

[ANDR](#)

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

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

### **Aboveground Storage Tanks:**

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

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

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

Private

[AUWR](#)

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

**Government Publication Date: 1999-Jan 31, 2020**

### **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 2018**

**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

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

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

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

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

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

**Chemical Register:**

Private CHEM

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

**Government Publication Date: 1999-Jan 31, 2020**

**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 - Jun 2020**

**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-Dec 2019**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994-Jul 31, 2020**

**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 - Sep 2019**

**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-Jul 31, 2020**

**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, 2020**

**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-Jul 31, 2020**

**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, 2020**

**Environmental Issues Inventory System:**

Federal

EIIS

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

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

**Emergency Management Historical Event:**

Provincial

EMHE

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

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

**Environmental Penalty Annual Report:**

Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

**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. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Apr 2020**

**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 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

**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-Apr 30, 2020**

**Greenhouse Gas Emissions from Large Facilities:**

Federal GHG

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

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial HINC

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal IAFT

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

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

**Fuel Oil Spills and Leaks:**

Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Landfill Inventory Management Ontario:**

Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: 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 include information such as site owner, site location and certificate of approval # and status.

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

**Canadian Mine Locations:**

Private MINE

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

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

**Mineral Occurrences:**

Provincial MNR

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

**Government Publication Date: 1846-Jan 2020**

**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, 2018**

**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 Canada Energy Regulator (CER) - previously 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-Mar 31, 2020**

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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

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

Federal

[NEES](#)

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

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

[NPCB](#)

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

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

[NPRI](#)

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

[OGWE](#)

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

**Government Publication Date: 1988-May 31, 2020**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

**Government Publication Date: 1800-Jun 2020**

**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, 2020**

**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: Oct 2011-Jul 31, 2020**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

**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, 2020**

**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-May 2020**

**Retail Fuel Storage Tanks:**

Private [RST](#)

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

**Government Publication Date: 1999-Jan 31, 2020**

**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](#)

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. 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.

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: 1988-Nov 2019**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

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

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private

TANK

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

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

**Transport Canada Fuel Storage Tanks:**

Federal

TCFT

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

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

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

Provincial

VAR

Listing of variiances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variiances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered 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.

**Government Publication Date: Jul 31, 2020**

**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-Jul 31, 2020**

**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: Apr 30, 2020**

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

## Appendix E

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# Ministry of Environment, Conservation and Parks – Freedom of Information (FOI)



**Ministry of the Environment,  
Conservation and Parks**

Access and Privacy Office

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

**Ministère de l'Environnement, de la  
Protection de la nature et des Parcs**

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

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



April 28, 2023

Luke Lopers  
Lopers & Associates  
30 Lansfield Way  
Ottawa, Ontario K2G 3V8  
luke@lopers.ca

Dear Luke Lopers:

**RE: MECP FOI A-2023-02231, Your Reference LOP23-006B – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 1 Finch Private and 3405 Uplands Drive, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Tolani Abraham at [Tolani.Abraham2@ontario.ca](mailto:Tolani.Abraham2@ontario.ca).

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn  
Manager (A), Access and Privacy Office

**Ministry of the Environment,  
Conservation and Parks**

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

**Ministère de l'Environnement, de  
la Protection de la nature et des  
Parcs**

Bureau de l'accès à l'information et  
de la protection de la vie privée  
12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075  
Télééc.: (416) 314-4285



April 7, 2021

Luke Lopers  
Lopers & Associates  
30 Lansfield Way  
Ottawa, ON K2G 3V8

Dear Luke Lopers:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2020-04688, Your Reference LOP20-006**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 1 Finch Private and 3405 Uplands Drive, Ottawa.

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

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

If you have any questions regarding this matter, please contact Hira Ashraf at (647) 642-9681 or [hira.ashraf@ontario.ca](mailto:hira.ashraf@ontario.ca).

Yours truly,

Noel Kent  
Manager, Access and Privacy

## Appendix F

---

# Technical Standards and Safety Authority Correspondence

**From:** [Public Information Services](#)  
**To:** [Luke Lopers](#)  
**Subject:** RE: TSSA Records Search Request - Environmental Research  
**Date:** August 28, 2020 9:13:31 AM

---

**NO RECORD FOUND (FUEL STORAGE TANKS ONLY)**

Hello. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses. For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Gaya

---

**From:** Luke Lopers <Luke@lopers.ca>  
**Sent:** August 28, 2020 8:56 AM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** TSSA Records Search Request - Environmental Research

**[CAUTION]:** This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

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

- 1 Finch Private
- 3345, 3405, 3415 Uplands Drive
- 150, 152, 154, 156, 158 Twyford Street

Thank you for your time,

**Luke Lopers, P.Eng.**

Principal

**LOPERS & ASSOCIATES**

Cell: 613-327-9073 Email: [Luke@Lopers.ca](mailto:Luke@Lopers.ca)

30 Lansfield Way, Ottawa, Ontario K2G 3V8

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

message.

**From:** [Public Information Services](#)  
**To:** [Luke Lopers](#)  
**Subject:** RE: TSSA Records Search Request - Updated Environmental Research - LOP23-006B  
**Date:** April 12, 2023 8:59:24 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

---

Hello,

### **NO RECORD FOUND IN CURRENT DATABASE**

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our database of any **fuel storage tanks** at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click [Release of Public Information - TSSA](#) - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (\*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
  - a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.

Questions? Please contact TSSA's Public Information Release team at [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



**Kimberly Gage | Public Information Agent**

Legal

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: [kgage@tssa.org](mailto:kgage@tssa.org)

[www.tssa.org](http://www.tssa.org)



**From:** Luke Lopers

<Luke@lopers.ca>

**Sent:** Tuesday,

April 11, 2023 3:38

PM

**To:** Public

Information

Services



**Winner of 2022 5-Star Safety Cultures Award**

<publicinformationservices@tssa.org>

**Subject:** RE: TSSA Records Search Request - Updated Environmental Research - LOP23-006B

**[CAUTION]:** This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

We are doing an updated environmental records review for a Phase One ESA Update. Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the City of Ottawa (**formerly Gloucester**), ON:

- 1 Finch Private
- 3345, 3405, 3415 Uplands Drive
- 150, 152, 154, 156, 158 Twyford Street

Thank you for your time,

Regards,

**Luke Lopers, P.Eng.**

Principal

**LOPERS & ASSOCIATES**

Cell: 613-327-9073 Email: [Luke@Lopers.ca](mailto:Luke@Lopers.ca)

30 Lansfield Way, Ottawa, Ontario K2G 3V8

**From:** Luke Lopers

**Sent:** Friday, August 28, 2020 8:56 AM



**To:** [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)

**Subject:** TSSA Records Search Request - Environmental Research

Good morning,

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

- 1 Finch Private
- 3345, 3405, 3415 Uplands Drive
- 150, 152, 154, 156, 158 Twyford Street

Thank you for your time,

**Luke Lopers, P.Eng.**

Principal

**LOPERS & ASSOCIATES**

Cell: 613-327-9073 Email: [Luke@Lopers.ca](mailto:Luke@Lopers.ca)

30 Lansfield Way, Ottawa, Ontario K2G 3V8

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

## Appendix G

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# City of Ottawa Historic Land Use Inventory (HLUI)



File Number: D06-03-23-0069

May 4, 2023

Luke Lopers  
Lopers & Associates

*Sent via email Luke@lopers.ca*

Dear Luke,

**Re: Information Request  
1 Finch Private and 3405 Uplands Drive Ottawa, Ontario (“Subject Property”)**

**Internal Department Circulation:**

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

- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:  
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide.](#)

**Additional information may be obtained by contacting:**

**Ontario’s Environmental Registry**

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate

existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

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

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

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

### **Ottawa Public Health**

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

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

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

**Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You**

**may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.**

If you have any further questions or comments, please contact [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca).

Sincerely,

**Samantha Gatchene**, MCIP, RPP  
Planner, Development Review (West Services)  
Urbaniste, Examen des projets d'aménagement (services ouest)  
City of Ottawa | Ville d'Ottawa  
613-580-2424, ext./poste 25478  
[Samantha.Gatchene@ottawa.ca](mailto:Samantha.Gatchene@ottawa.ca)

Per:

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

**MB / SG**

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0069



# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP





HLUI SUMMARY REPORT  
 AREA FEATURES

ST_NUM	ST_NAME	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	YEAR	YEAR_1
3332	MCCARTHY	ERIC'S CONCRETE & MASONRY SERVICES	Structural and Related Work	2001-ES; 2005-SelectPhone	2001-2005	
3310	MCCARTHY	BROWNS CLEANERS	Laundries and Cleaners	2001-ES; 2006-ES; 2012-ES; 201	2001-2017 ES 2001; ES 2006; ES 2012	
3310	MCCARTHY	GREAT ATLANTIC & PACIFIC CO OF CDAL	Camera and Photographic Supply Stores	2000-PID	2000 c. 2000	
3332	MCCARTHY	SHELL CANADA SELF SERVE GAS BAR	Gas Station	1990-CD	1990 CD 1990	
3332	MCCARTHY	NATIONAL AUTOMOTIVE SERVICE	Other/Garage	2001-ES; 2006-ES; 2012-ES	2001-2012 ES 2001; ES 2006; ES 2012	
3332	MCCARTHY	MCCARTHY AUTOMOTIVE SERVICE CENTI	Motor Vehicles, Wholesale	2001-ES; 2005-SelectPhone; 2001	2001-2012 ES 2001; ES 2006; ES 2012	
3332	MCCARTHY	DON FOURNIER SERVICE CENTRE	Gasoline Service Stations	1998-SC	1998 c. 1998	
		ULTRAMAR	Service Stations-Gasoline & Oil	2017-SalesGenie	2017 SalesGenie 2017	





File Number: D06-03-20-0149

October 2, 2020

Luke Lopers  
Lopers & Associates  
30 Lansfield Way  
Ottawa, ON K2G 3V8

*Sent via email [luke@lopers.ca]*

Dear Mr. Lopers,

**Re: Information Request  
1 Finch Private & 3405 Uplands Drive, Ottawa, Ontario (“Subject Property”)**

**Internal Department Circulation**

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

- No information was returned on the Subject Property from Departmental circulation.

**Search of Historical Land Use Inventory**

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

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 8 activities associated with 5 properties located within 250m of the Subject Property.

Please note that certain activities have been identified to have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land

*Shaping our future together  
Ensemble, formons notre avenir*

City of Ottawa  
Planning, Infrastructure and Economic  
Development Department

110 Laurier Avenue West, 4th Floor  
Ottawa, ON K1P 1J1  
Tel: (613) 580-2424 ext. 21690  
Fax: (613) 560-6006  
www.ottawa.ca

Ville d'Ottawa  
Services de la planification, de l'infrastructure et  
du développement économique

110, avenue Laurier Ouest, 4e étage  
Ottawa (Ontario) K1P 1J1  
Tél.: (613) 580-2424 ext. 21690  
Télééc: (613) 560-6006  
www.ottawa.ca

use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

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

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

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

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

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

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

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any**

**purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

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

If you have any further questions or comments, please contact Colette Gorni at 613-580-2424 ext. 21239 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in cursive script, appearing to read "Colette Gorni".

Colette Gorni

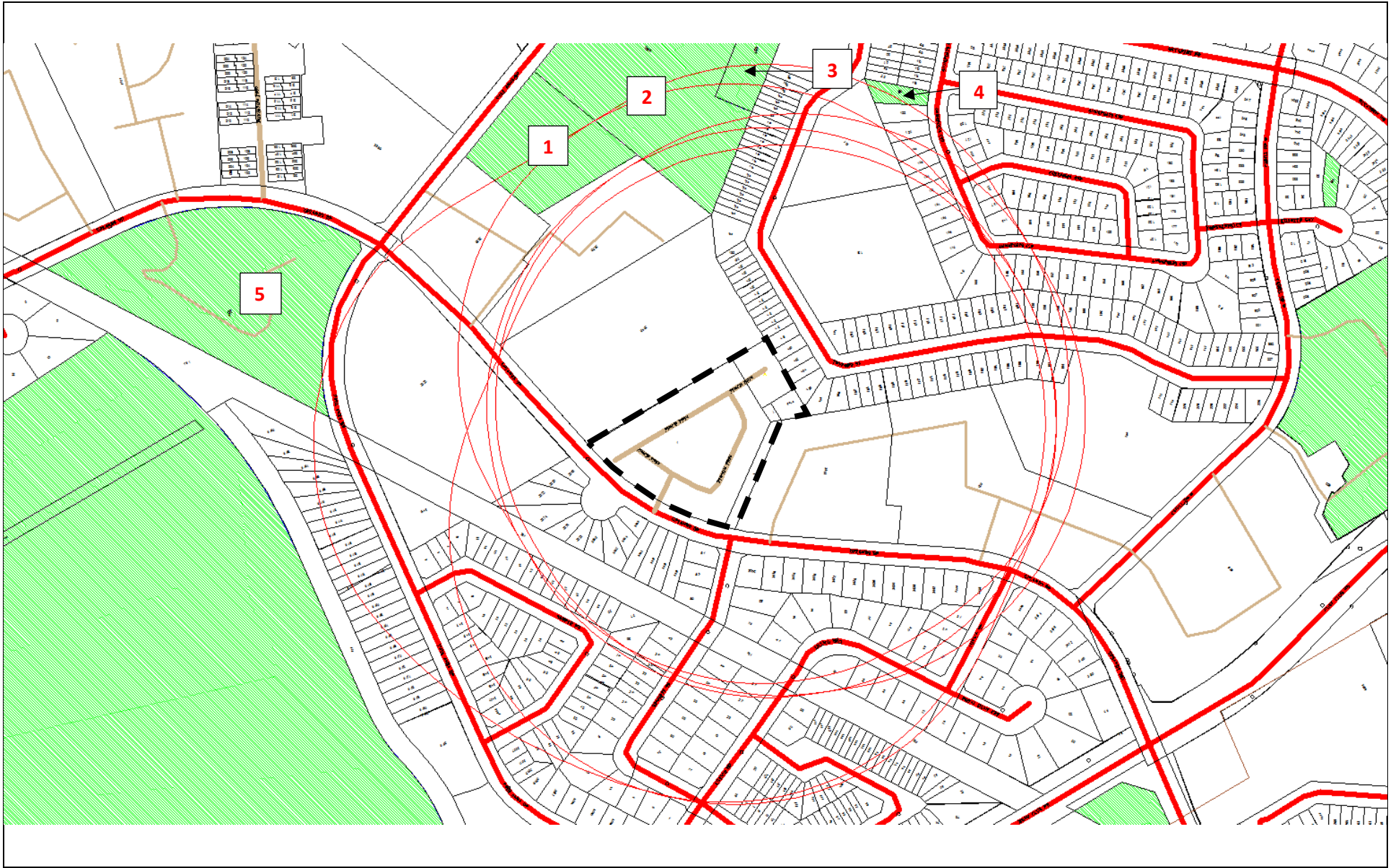
Per:

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

MB / CG

Enclosures.

cc: File no. D06-03-20-0149



**Address:** 1 Finch Private & 3405 Uplands Drive  
Ottawa, ON

**File No.:** D06-03-20-0149

**Prepared By:** Colette Gorni

**Legend:**

	Area Number
	Subject Site
	250 m Buffer

**Scale:** 1 : N/A



<b>Area</b>	<b>Associated HLUI Activities</b>	<b>Associated HLUI Activities with a PIN Certainty of "2" *</b>
Subject Property		
1	7885	
2	2087, 6208	
3	4613, 4902, 9031	
4	498	
5	6992	

\*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

# Historical Land Use Inventory

Activity Numbers –

**Adjacent Properties**

# Historical Land Use Inventory

## Area #1 Activity Numbers





CITY OF OTTAWA

HLUI ID: \_\_6790DH

AREA (Square Metres): 10178.049

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:54:53

Study Year  
2005

PIN  
040590112

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 7885 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040590112

Name: KLUKE'S SNOW REMOVAL & ROOFING

Address: 3339 PAUL ANKA DRIVE, OTTAWA

Facility Type: Structural and Related Work

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
238170	0
238160	0

Company Name

KLUKE'S SNOW REMOVAL & ROOFING

Year of Operation

c. 2001

# Historical Land Use Inventory

## Area #2 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_679BK9

AREA (Square Metres): 28235.007

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:55:43

Study Year  
2005

PIN  
040590113

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2087 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040590113

Name: BROWN'S CLEANERS  
Address: 3310 MCCARTHY ROAD, OTTAWA  
Facility Type: Laundries and Cleaners

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS SIC  
812320 0

Company Name Year of Operation  
BROWN'S CLEANERS c. 2001



CITY OF OTTAWA

HLUI ID: \_\_679BK9

AREA (Square Metres): 28235.007

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:55:43

Study Year  
2005

PIN  
040590113

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 6208 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 040590113

Name: GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.

Address: 3310 MCCARTHY ROAD, OTTAWA

Facility Type: Camera and Photographic Supply Stores

Comments 1: A & P SUPER FRESH #245

Comments 2:

Generator Number: ON2392229

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2000 PID

NAICS	SIC
443130	0
812922	0

Company Name

GREAT ATLANTIC & PACIFIC CO. OF CDA.LTD.

Year of Operation

c. 2000

# Historical Land Use Inventory

## Area #3 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_670HCT**  
**AREA (Square Metres): 4044.764**

Report: RPTC\_OT\_DEV0122  
 Run On: 21 Sep 2020 at: 19:56:38

**Study Year**  
1998

**PIN**  
040590114

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4613 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040590114

**Name:** ERIC'S CONCRETE & MASONRY SERVICES LIMITED

**Address:** 3332 MCCARTHY ROAD,

**Facility Type:** Structural and Related Work

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

<b>NAICS</b>	<b>SIC</b>
238110	0

<b>Company Name</b>	<b>Year of Operation</b>
ERIC'S CONCRETE & MASONRY SERVICES LIMITED	c. 2005
ERIC'S CONCRETE & MASONRY SERVICES LIMITED	c. 2001



**CITY OF OTTAWA**  
**HLUI ID: \_\_670HCT**  
**AREA (Square Metres): 4044.764**

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:56:38

**Study Year**  
1998

**PIN**  
040590114

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4902 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :** 5200

**Related PINS:** 040590114

**Name:** DON FOURNIER SERVICE CENTRE

**Address:** 3332 MCCARTHY ROAD, OTTAWA

**Facility Type:** Gasoline Service Stations

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** SC98

**HL References 2:**

**HL References 3:**

NAICS	SIC
447190	633
811112	635
811119	635
811199	633
811121	635
447110	633

**Company Name**

Don Fournier Service Centre

**Year of Operation**

c. 1998





**CITY OF OTTAWA**  
**HLUI ID: \_\_670HCT**  
**AREA (Square Metres): 4044.764**

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:56:38

**Study Year**  
1998

**PIN**  
040590114

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 9031 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040590114

**Name:** MCCARTHY AUTOMOTIVE SERVICE CENTRE

**Address:** 3332 MCCARTHY ROAD,

**Facility Type:** Motor Vehicles, Wholesale

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

<b>NAICS</b>	<b>SIC</b>
811111	0

<b>Company Name</b>	<b>Year of Operation</b>
MCCARTHY AUTOMOTIVE SERVICE CENTRE	c. 2005
MCCARTHY AUTOMOTIVE SERVICE CENTRE	c. 2001

# Historical Land Use Inventory

## Area #4 Activity Numbers



**CITY OF OTTAWA**  
**HLUI ID: \_\_6790BP**  
**AREA (Square Metres): 916.647**

Report: RPTC\_OT\_DEV0122  
Run On: 21 Sep 2020 at: 19:57:27

**Study Year**  
2005

**PIN**  
040590235

**Multi-NAIC**  
N

**Multiple Activities**  
N

**Activity ID:** 498 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 040590235

**Name:** A POTVIN CONSTRUCTION LIMITED

**Address:** 120 ANNAPOLIS CIRCLE,

**Facility Type:** Residential Building and Development

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

<b>NAICS</b>	<b>SIC</b>
236110	0

**Company Name**

A POTVIN CONSTRUCTION LIMITED

**Year of Operation**

c. 2005

# Historical Land Use Inventory

## Area #5 Activity Numbers



CITY OF OTTAWA

HLUI ID: \_\_6790DI

AREA (Square Metres): 28646.224

Report: RPTC\_OT\_DEV0122

Run On: 21 Sep 2020 at: 19:58:09

Study Year  
2005

PIN  
152030000

Multi-NAIC  
N

Multiple Activities  
N

Activity ID: 6992 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 152030000

Name: HYGENICOMP OTTAWA WEST

Address: 3400 PAUL ANKA DRIVE, OTTAWA

Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

<b>NAICS</b>	<b>SIC</b>
811210	0

**Company Name**

HYGENICOMP OTTAWA WEST

**Year of Operation**

c. 2001

## Appendix H

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# Aerial Photographs



1965 Aerial Photograph





1976 Aerial Photograph



1978 Aerial Photograph





1991 Aerial Photograph



1999 Aerial Photograph





2008 Aerial Photograph



2017 Aerial Photograph





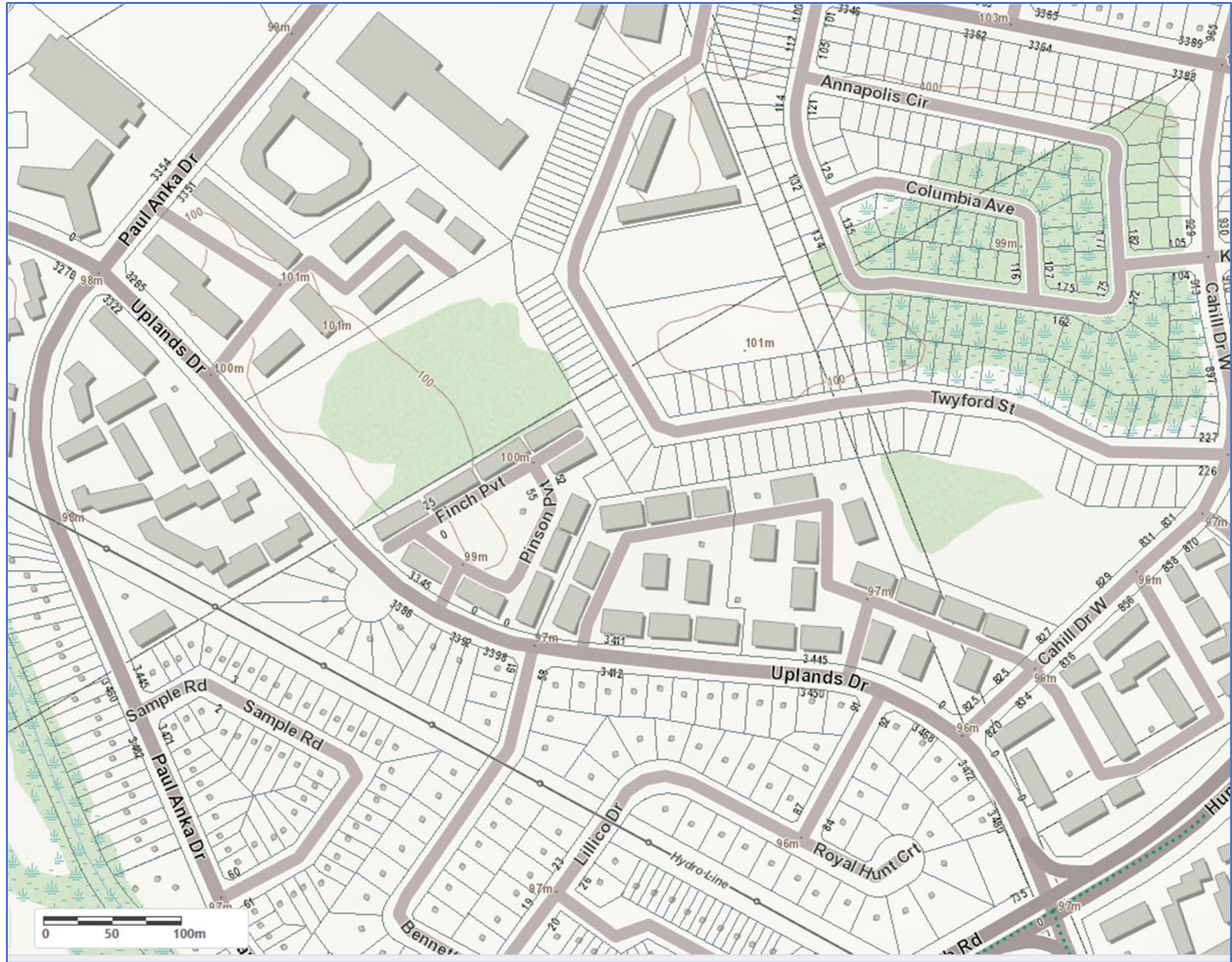
2021 Aerial Photograph



# Appendix I

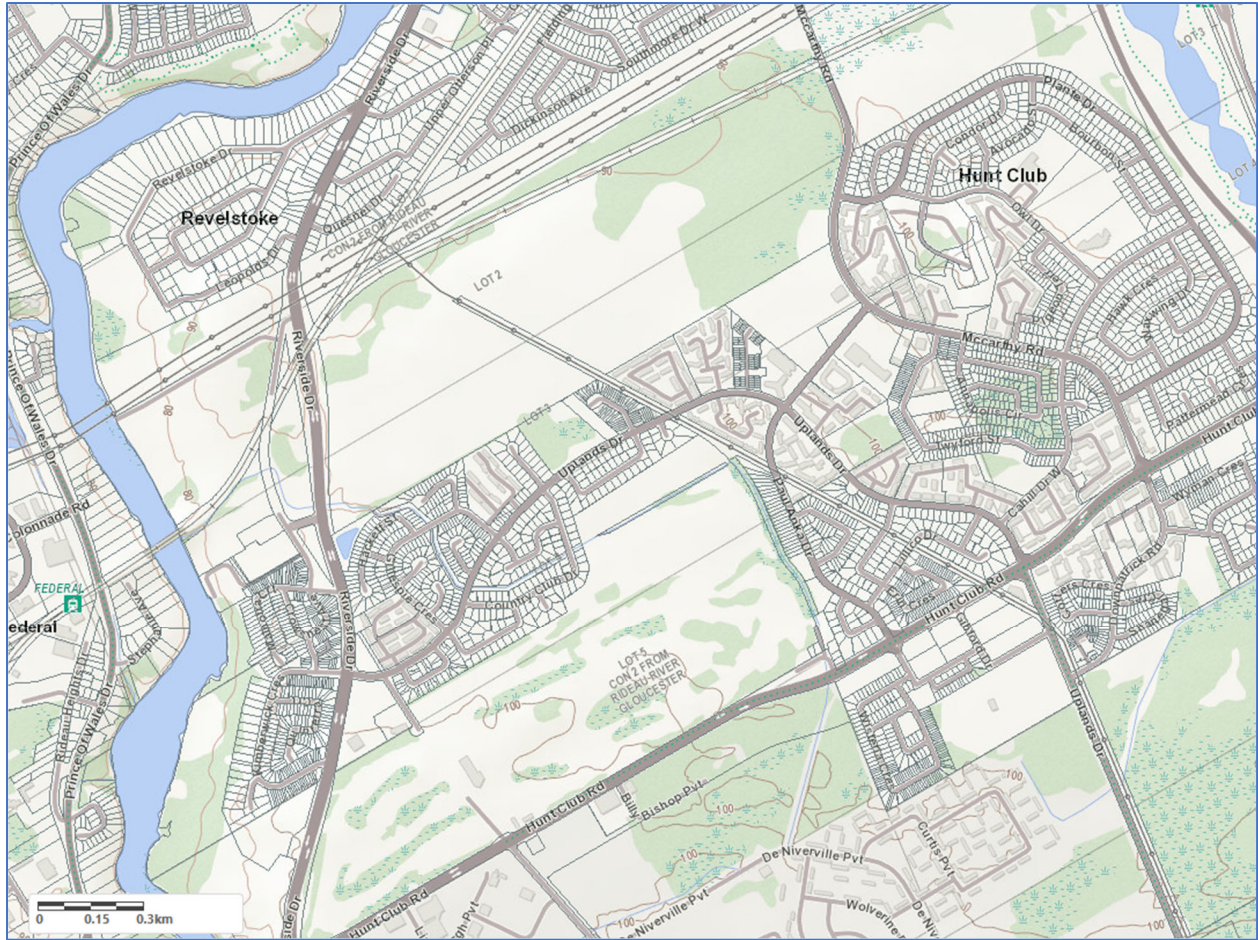
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## Topographic Map



Topographic Map – Phase One Study Area

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry



Topographic Map – Regional

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry

## Appendix J

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# Photographic Log





Photograph 1: View of residential building at the Phase One Property looking east-northeast from Finch Private (September 3, 2020).



Photograph 2: View of the residential building and landscaped area at the Phase One Property looking north from the east (south) portion of the Property (September 3, 2020).



Photograph 3: View of residential building at the Phase One Property looking west-southwest from Finch Private (April 24, 2023).



Photograph 4: View of the south (vegetated) portion of the Phase One Property, looking southeast from the 3<sup>rd</sup> floor of the Site building (April 24, 2023).





Photograph 5: View of the west side of the Phase One Property looking east from Finch Private (September 3, 2020).



Photograph 6: View of the east side of the Phase One Property looking south from Finch Private (September 3, 2020).





Photograph 7: View of the landscaped area on the south and east portions of the Phase One Property looking north from the south side of the Property (September 3, 2020).



Photograph 8: View of one of the ground floor mechanical rooms in the residential building at the Phase One Property.



Photograph 9: View of the interior of one of the ground residential units in the residential building at the Phase One Property.



Photograph 10: View of the interior of one of the ground residential units in the residential building at the Phase One Property.

## Appendix K

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# Qualifications of Assessors





## PROFILE

Mr. Lopers is an environmental engineer with over 12 years of experience in environmental engineering specializing in due diligence investigations. Mr. Lopers has extensive experience in Phase I and II Environmental Site Assessments; environmental remediation, and investigations; record of site condition submissions; asset inventory, designated substance surveys and abatement projects; environmental expertise on legal issues; and coordination of various monitoring programs (groundwater, surface water, air).

Mr. Lopers has participated in various Property Condition and Building Envelope mandates at various residential and commercial properties throughout Ontario.

Mr. Lopers has a strong commitment to health and safety, having experience leading a regional health and safety committee as a certified employee representative. Mr. Lopers has extensive training including OSHA 40-hour HAZWOPER, ASP Health and Safety on Construction Sites in Quebec, Ontario Working at Heights, Emergency First Aid/CPR and WHMIS.

## CONTACT

EMAIL:  
[Luke@Lopers.ca](mailto:Luke@Lopers.ca)

# LUKE LOPERS

Principal

LOPERS & ASSOCIATES

## EDUCATION

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**University of Waterloo,**  
**B.A.Sc., Honours Environmental Engineering**  
Management Science Option Designation - 2002 - 2008

## PROFESSIONAL EXPERIENCE

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**Lopers & Associates, Principal, Project Manager, Senior Environmental Engineer**

Ottawa, Ontario - 2020–Present  
Responsible for the management, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals

**GHD Limited, Project Manager, Senior Environmental Engineer**

Ottawa, Ontario - 2013–2020  
Responsible for the management, senior technical review, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals  
Office Safety Captain and Joint Health and Safety Committee team leader

**Paterson Group Inc., Project Manager, Environmental Engineer**

Ottawa, Ontario - 2009–2013  
Responsible for supervision, completion and review for Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Designated Substance Surveys

**NEXT Environmental Inc., Site Investigation Staff**

Burnaby, British Columbia - 2008–2009  
Responsible for fieldwork and reporting for Stage/Phase I and II Environmental Site Assessments, Environmental Remediation Programs

## PROFESSIONAL DESIGNATIONS

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Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO) since 2012

Qualified Person (QP), Environmental Site Assessments with Ontario Ministry of the Environment, Conservation and Parks

## PROJECT EXPERIENCE

### Environmental Site Assessments

**Project Engineer/Manager  
Phase 1 Environmental Site  
Assessment | Various Clients |  
Ontario, Quebec and British  
Columbia | 2006-2020**

**Project Engineer/Manager  
Phase Two Environmental Site  
Assessments | Various Clients |  
Various Locations | 2008-2020**

**Project Manager  
Phase One, Phase Two  
Environmental Site  
Assessments, Environmental  
Delineation Quality Assurance  
Program | Costco Wholesale |  
Ottawa, ON | 2014-2019**

### Environmental Remediation Programs

**Project Engineer  
Underground Fuel Storage  
Tank Removals and  
Environmental Remediation  
Programs in Vicinity of Active  
Underground Services |  
Ottawa, ON | 2010, 2012**

Project Engineer/Manager for Phase I Environmental Site Assessments in support of acquisition/divestiture/regulatory requirements for various properties in Ontario, Quebec and British Columbia, including the following:

- Canadian Tire Retail Store and Gas Bar, CTR 417 - 2560 Princess Street, Kingston, Ontario
- Former Automotive Dealership and Service Garage, North Vancouver, British Columbia
- Former Philips Cable Plant, Brockville, Ontario
- Former Cornwall Cotton Mill, Cornwall, Ontario
- Retail Fuel Outlet and Automotive Service Garage, Ottawa, Ontario
- Jack Garland Airport Land, North Bay, Ontario
- Various Commercial/Residential Properties, Ontario and British Columbia
- Various Residential Properties, Ontario, Quebec and British Columbia
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Engineer/Manager for the following field investigation and/or regulatory reporting requirements for Phase II ESAs and other Site Investigations:

- Proposed Canadian Tire Development, CTR 693P - Terry Fox Drive at Eagleson Road, Stittsville, Ontario
- Former Retail/Private Fuel Outlets, Ottawa/North Bay/Vancouver, Canada
- Operational/Former Industrial Facilities, Ottawa/Cornwall/Sarnia/Brockville/Gananoque, Ontario
- Existing Dry Cleaning Facilities, Ottawa/Amprior, Ontario
- Automotive Service Garages, Ottawa/Vancouver, Canada
- Various Commercial/Residential Properties, Eastern Ontario
- Tetrachloroethylene Groundwater Plume, Commercial Property, Ottawa, Ontario
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Manager for the completion of a Phase One ESA for the potential acquisition of a commercial property. Upon discovery of APECs at the Site and significant data gaps in previous investigations, completed a Phase Two ESA to evaluate soil and groundwater quality at the Site. Further oversight of original owner's environmental consultants was completed to ensure adequate delineation and characterization of a dNAPL groundwater plume at the Site, present at significant depths in shale bedrock, which originated as a result of a former on-Site dry-cleaning operation.

Project Engineer for removal of underground heating oil storage tanks adjacent to residential buildings. Completed excavation supervision of contaminated soil around and below active underground services, including hydro, water and natural gas infrastructure at residential properties. Activities included oversight of removal of petroleum, impacted soil, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Prepared Phase I, II and III Environmental Site Assessment reports.

**Project Engineer  
Retail Fuel Outlet  
Decommissioning and  
Remediation | Ottawa, ON |  
2012**

**Project Engineer/Manager  
Former Fuel Outlet  
Investigation and Remediation |  
Merrickville, ON | 2016-2017**

### **Record of Site Conditions**

**Project Manager/Engineer  
Residential Redevelopment |  
Environmental Remediation  
Program and Record of Site  
Condition Submission | Ottawa  
| 2015**

**Project Manager/Engineer  
Industrial Development |  
Environmental Assessment and  
Record of Site Condition  
Submission | Township of  
Edwardsburgh/Cardinal | 2015**

### **Excess Soil Management**

**Project Engineer/Manager  
Management of Excess Soil |  
CTREL, Brigid, Ottawa  
Community Housing  
Corporation | Ottawa and  
Pembroke, Ontario | 2016, 2018**

### **Designated Substance Surveys**

**Project Manager  
Designated Substance Surveys  
and Hazardous Building  
Materials Assessment |  
Ottawa, Pembroke,  
Southeastern Ontario | 2010-  
2020**

### **Environmental Litigation Support**

**Project Manager, Field  
Engineer, Expert Witness  
Ottawa, Ontario | 2014-2020**

Project Engineer for UST removal and confirmatory soil sampling at former ESSO gas station in Ottawa, Ontario. Activities included oversight of removal of USTs and product lines, oversight of removal of petroleum-impacted soil and groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis.

Project Engineer for confirmatory soil and groundwater sampling following UST removal at former Shell gas station. Activities included oversight of removal of petroleum-impacted soil, pumping of groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Additional borehole/monitoring well drilling also completed.

Project Manager for delineation of soil contamination and groundwater sampling for a former automotive garage and gas station property in Ottawa, Ontario. Presented and implemented remedial action plan to remediate on-site contamination. Directed staff in collection of post remediation confirmatory soil and groundwater samples for contaminants of concern. Prepared remediation closure report and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Manager for environmental assessments for a proposed industrial business park, in an existing industrial area within the Township of Edwardsburgh/Cardinal, Ontario. Prepared environmental assessment reports and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Engineer/Manager for sampling, analytical testing, development of soil management plans and monitoring during removal of excess soil generated as part of construction activities, including the following properties/facilities:

- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario
- Residential redevelopment, 121 Parkdale Avenue, Ottawa, Ontario
- CTR 079, 1104 Pembroke Street East, Pembroke, Ontario
- CTR 297, 2010 Ogilvie Road, Ottawa, Ontario

Project Manager for asbestos containing material (ACM) surveys, designated substance surveys (DSSs), Hazardous Building Materials Assessments (HBMA) or mould assessments at the following sites:

- DSSs at various municipal facilities for the City of Pembroke, Pembroke, Ontario. Preparation of Asbestos Management Plan.
- HBMA at various institutional buildings for the Catholic District School Board of Eastern Ontario, Southeastern Ontario.
- DSSs and ACM surveys at various residential, buildings (dwellings and apartment buildings) for private residential clients, Ottawa, Ontario.
- DSS and abatement oversight during demolition, residential buildings (townhouses) for Ottawa Community Housing Corporation, 818 Gladstone Avenue, Ottawa, Ontario.

Project Manager, Field Engineer and Expert Witness for a fuel spill, remediation program, groundwater monitoring program and litigation review for redevelopment of a residential property adjacent to a central heating plant at an institutional facility.

## Education

BEng Geological Engineering, École Polytechnique de Montreal, Montreal, Quebec, 1990

MSc Geophysics, University of British Columbia, Vancouver, British Columbia, 1983

BSc Geophysics, Honours, University of British Columbia, Vancouver, British Columbia, 1980

## Certifications

Registered as PMP with Project Management Institute since 2012, requalified in 2018

Qualified Person (QP) for Environmental Site Assessments with Ontario Ministry of Environment and Conservation and Parks

## Professional Affiliations

Licensed as P.Eng. with the Professional Engineers of Ontario (PEO) since 1994

Licensed as Ing. with l'Ordre des ingénieurs du Québec (OIQ), 1992

Licensed as P.Eng. with NAPEG (NWT and Nunavut), since 2009.

Licensed as P.Eng with Engineers Yukon since 2018

## Federal Clearance Level

**Secret ID # 95251065**

# DON PLENDERLEITH

*Senior Environmental Engineer and Project Manager*

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## PROFESSIONAL SUMMARY

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Mr. Plenderleith has been an environmental engineer for 30 years. From 1990 to 2000 he worked at specialty firms in Montreal and Ottawa where he gained field and reporting experience in site assessment and remediation of retail fuel outlets and railway yards. In 1991 and 1992 he worked on a CIDA sponsored project to assess additional water resource potential in two provinces in Indonesia. He worked for Golder for 19 years on projects in Ottawa, the North and overseas.

His expertise covers all steps in contaminated site management: Phase I, II and III environmental site assessments (ESAs), risk assessments, remedial options evaluations, remedial action plans, tender plans and specifications, remediation project oversight, long-term monitoring and project closure. He has largely concentrated on federal sites since 2002 and was Golder's initial point of contact on the Environmental Standing Offer Agreement with PSPC in the National Capital over that time.

Don led Golder's national client service team for Federal government and was responsible to Golder's management for maintaining strong relations with the federal government. Locally, he provided project management and technical direction of a variety of environmental projects from the Ottawa office. Don mentored several junior professionals. His site portfolio included: military bases, Northern sites, navigational sites, correctional facilities, research labs, commercial buildings and Canadian embassies abroad. On several multi-year projects (Kingston Penitentiary and Connaught Ranges landfill) he directed all steps of site management from initial investigations, through to site closure.

Don is equally experienced at providing strategic and portfolio-level assistance to clients as well as site-specific level work. He has written contaminated sites management plans for several federal Departments. He helped to develop components of the FCSAP project manager's tool kit and has trained federal project managers in its use. He has provided program-level assistance to the FCSAP Secretariat for funding demand forecasting and long-term strategy and risk management. For nine years he led a multi-disciplinary team that performed contaminated site liability peer reviews for the Office of the Auditor General of Canada.

Don completed his engineering degree in French and is licensed to practice in Quebec. He frequently coordinates the French language component at bilingual meetings and workshops.



**Public Services and  
Procurement Canada,  
National Capital Region,  
Environmental  
Engineering Standing  
Offer (2002-2019).**

**PROJECT EXPERIENCE – STANDING OFFER MANAGER**

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Don managed Golder's Environmental Standing Offer Agreement (SOA) with PSPC in the National Capital Region from 2002 to 2019. He was the first point of contact with PSPC for new call-ups. He formed project teams from the approved resources and reviewed the work plans under each call-up. He was responsible and accountable for Golder's overall project performance to PSPC.

**Phase I, II, and III and  
Remediation at Pittsburgh  
Institution and Kingston  
Penitentiary for PSPC/CSC  
near Kingston, Ontario**

**PROJECT EXPERIENCE – SENIOR PROJECT MANAGER**

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Environmental Site Assessment, Remediation Planning and Implementation for the Pittsburgh Institution and Kingston Penitentiary, Kingston, Ontario from 2007 to 2015 - Don was the Senior Project Manager and project reviewer for the Phase I, II and III of contaminated sites on two similar projects at these federal penitentiaries. Don performed project management and provided technical direction during the full suite of services from site assessment through to remediation. Federal project management tools, and FCSAP technical tools (GOST) were used to assist with procedural compliance. Don assisted PSPC with the tender specification for both remediation projects and performed on-site supervision during the fast-track remediation work at Pittsburgh. Don also performed senior review of the draft and final reports.

**Peer Review and Liability  
Review of US Steel Site in  
Hamilton Harbour for  
PSPC and Transport  
Canada (July-August 2016)**

Don was the Senior Project Manager for a Peer Review of reports pertaining to the US Steel site on Hamilton Harbour that the Hamilton Port Authority (HPA) was considering purchasing. TC requested the peer review and liability review in its oversight role over the HPA. Don brought a senior expert in at steel industry at Golder onto the project team. With his input some important gaps in the previous site assessments, management plans and liability estimates were identified to TC.

**Contaminated Site  
Reporting and Review for  
Department of National  
Defence Ottawa, Ontario,  
Canada**

Don has managed several projects for DND's Director General Environment, related to the financial reporting of DND's contaminated sites. He managed the EcoNet validation project in 2006, in which the systems and procedures by which site cost and liability information are input to DND's Contaminated Site database, Econet. Several of DND's major projects being run out of headquarters were reviewed in that exercise. In 2008 he assisted DND by producing the 2008 update of their Contaminated Sites Management Plan (CSMP) for Treasury Board submission. Nine divisional CSMPs were reviewed, summarized and incorporated into the departmental CSMP.

## **PROGRAM LEVEL WORK – FEDERAL CONTAMINATED SITES**

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### **Project Management Tools for Contaminated Sites, Ottawa, Ontario, Canada**

Mr. Plenderleith developed two of the FCSAP Project Management Tools: Status Reporting and Project Risk Management. He has provided training in the tools to federal project managers country-wide. He has delivered training sessions at RPIC National Contaminated Sites workshops on several occasions on the PM Tools, the Sustainable Development Tool (SDAT), and Guidance Tool for Selection of Technologies Tools (GOST).

### **Assistance to FCSAP for program-level Risk Management, PWGSC/ECCC Ottawa, Ontario**

Don has led a team at Golder that provided assistance to the FCSAP Secretariat from 2013 to 2019 in the areas of cost projections for funding demand estimates. He devised a method of projecting the costs of unassessed sites based on closure costs of similar sites. This tool was used to estimate the funding demand for FCSAP Phase III and past Phase III. Don assisted the Secretariat with Long-Term Strategic planning for FSCAP post 2020 when the 15-year program is due to sunset.

### **Secondments to Federal Departments**

Mr. Plenderleith has been seconded from Golder to the Department of Foreign Affairs and International Trade (now Global Affairs Canada “GAC”) on three occasions to develop their Contaminated Sites Management Plans and to fill in while GAC was staffing their full-time environmental engineer position. Through these secondments he has developed a greater understanding of the role of federal custodians in managing their programs.

## **PROJECT EXPERIENCE – NORTHERN SITES**

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### **DEW Line Site Monitoring, Baffin Region, DND (2015-19)**

Mr. Plenderleith was the project director of Golder’s DEW Line Monitoring contract with DND from four years 2015 to 2019. He was responsible for overall program quality and liaison with the client and management of Inuit subcontractors. The project was multi-disciplinary, involving geotechnical and environmental components. Mr. Plenderleith has developed a very positive working relationship with the hamlet of Qikiqtarjuaq and the Inuit staff from that community, many of whom have returned to work with Golder every year. All Inuit Participation Targets were exceeded.

### **Tundra Mine Remediation Monitoring PSPC/INAC (2016-2018)**

Don was the Senior project director for Golder’s Remediation Monitoring of Tundra Mine (NWT) for PSPC and INAC. This project is multi-disciplinary involving surface water and groundwater environmental monitoring and aquatic monitoring for the final stages of the remediation of Tundra Mine. Don has reviewed the monthly and annual monitoring reports produced for the Water Licence. His earlier experience with the RAP for Tundra has been valuable on this project.

**Remedial Options Review  
and Remedial Action  
Planning Former Water  
Tanker Base, Inuvik  
Airport, NWT 2010-12**

From 2010 to 2012, Mr. Plenderleith was the technical director for the Phase III ESA detailed site assessment and remediation planning of the former Water Tanker Base at the Inuvik Airport in NWT. The work included determining the contaminants of concern, delineation of contaminated soil and seasonal groundwater areas, and assessing remedial options. The remedial action plan reviewed chemical oxidation and removal & disposal options within the constraints of northern work season, and the distance to a disposal facility. Descriptions, costs, advantages and limitations were provided for several options. GNWT performed the remediation with own forces.