

**DILLON**  
CONSULTING

CITY OF OTTAWA

# **Phase One Environmental Site Assessment**

2040 Arrowsmith Drive, Ottawa, Ontario



January 7, 2022

City of Ottawa  
Environmental Remediation Unit, Corporate Real Estate Office  
Planning, Infrastructure and Economic Development Department  
110 Laurier Avenue West, 5<sup>th</sup> Floor  
Ottawa, ON  
K1P 1J1

Attention: Rich Barker  
Advisor, Environmental Remediation

***Phase One Environmental Site Assessment  
2040 Arrowsmith Drive  
Ottawa, Ontario***

Dear Mr. Barker

Dillon Consulting Limited is pleased to provide you with the Phase One Environmental Site Assessment (ESA) report for the property located at 2040 Arrowsmith Drive, in Ottawa, Ontario.

Should you have any questions or comments, please contact the undersigned at (613) 745-2213.

Sincerely,

**DILLON CONSULTING LIMITED**

A handwritten signature in blue ink, appearing to read "Matthew McCurdy".

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Matthew McCurdy, P.Geo., QP<sub>ESA</sub>

Enclosures

Our file: 21-2357

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# Executive Summary

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Dillon Consulting Limited (Dillon) was retained by the City of Ottawa (the City) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 2040 Arrowsmith Drive, in Ottawa, Ontario (hereafter referred to as the RSC Property). **Figure 1** depicts the general RSC Property location and **Figure 2** presents the site plan.

The Phase One ESA report was prepared pursuant to Ontario Regulation 153/04, as amended (herein referred to as the Regulation) under the *Environmental Protection Act*. Dillon understands that the Phase One ESA was initiated as part of a pending application for a Record of Site Condition (RSC) under the Regulation, which is being completed in support of the potential future redevelopment of the property to a parkland/residential setting.

Dillon notes that for the purposes of filing an RSC, the date the last work was done on the records review, interviews and site reconnaissance must be no later than 18 months before the submission of the RSC or the commencement of a Phase Two ESA.

This Phase One ESA was determined to be of an appropriate scope and scale to meet the objectives identified in **Section 2.0** of this report. This report is a record of the Phase One ESA process that demonstrates, in a manner that is clear and could be assessed, tested and reconstructed, how the Phase One ESA was completed.

Based on available information, the first developed use of the RSC Property was determined to be approximately 1976, when the site building was constructed to serve as a rental office for surrounding residential condominium buildings.

The RSC Property was observed to consist of a community building (Gloucester Emergency Food Cupboard) used to store and provide food to the public, food gardens, a small shed, several storage lockers and a road salt storage bin, a paved parking area, a gravel turn-around path, and landscaped areas. The RSC Property is surrounded by residential, institutional, leisure, and highway land use.

The results of the Phase One ESA were used to identify Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs). PCAs were grouped in two categories; those that relate to the RSC Property, and those that relate to properties other than the RSC Property and fall within the Phase One Study Area (off-site PCAs). The Regulation stipulates that the Phase One Study Area should include properties located, wholly or partly, within 250 metres from the RSC Property boundary. Only those records interpreted to be relevant to the Phase One Study Area are discussed in this report.

No on-site PCAs were identified during the Phase One ESA. Dillon identified three off-site PCAs within the Phase One Study Area, as presented in the table below.

Potentially Contaminating Activities – Off-Site				
Off-Site PCA #	Property Location	Regulatory Description	Rationale	Potential Contaminants of Concern
1.	<ul style="list-style-type: none"> <li>2020 Jasmine Crescent, adjacent property to the east of the RSC Property</li> </ul>	<ul style="list-style-type: none"> <li>PCA Other - Spills</li> </ul>	<ul style="list-style-type: none"> <li>Quantity was recorded as 337 L. Environmental impacts were suspected to the ground and surface water.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> <li>VOCs</li> </ul>
2.	<ul style="list-style-type: none"> <li>South of the RSC Property, to the south of Highway 174.</li> </ul>	<ul style="list-style-type: none"> <li>#46 – Rail Yards, Tracks and Spurs</li> </ul>	<ul style="list-style-type: none"> <li>Former railway reported to have been present parallel to the adjacent highway.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> <li>Metals</li> <li>PAHs</li> </ul>
3.	<ul style="list-style-type: none"> <li>2049 Jasmine Crescent, north of the RSC Property.</li> </ul>	<ul style="list-style-type: none"> <li>PCA Other – Potential leaks from fuel lines</li> </ul>	<ul style="list-style-type: none"> <li>Fuel lines were reported to have been present on the properties to the north of the site and may have leaked over time.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> <li>VOCs</li> </ul>

None of the off-site PCAs discussed above were considered to be APECs on the RSC Property due to their distance and/or down/cross gradient location.

Previous Phase One and Two ESA work was completed by Dillon at the Site in 2013. Fill materials present at the Site were identified as an APEC at that time and investigated as part of the Phase Two ESA (i.e., fill of unknown quality). The results of the Phase Two indicated that the fill materials were not impacted, with all measured concentrations meeting the Table 3 standards for residential/parkland/institutional land use. As such, that APEC is no longer applicable to the Site and does not require further investigation. Concentrations of select metals in soil samples (barium, cobalt and vanadium) were however found to exceed the applicable Table 3 Standards in some samples collected from the native clay unit underlying the fill; however, the elevated concentrations were attributed to naturally occurring, background levels associated with Champlain Sea sediments. The elevated concentrations were consistent with concentrations reported in clays present throughout the Ottawa Valley area where Champlain Sea sediments occur. As such, the elevated levels of barium, cobalt and vanadium present in clay materials underlying the site are not considered to be contaminants at the Site per the Ontario Environmental Protection Act.

The objectives of the Phase One ESA were satisfied. Under the Regulation, a Phase Two ESA would not be required.

This report was prepared by Dillon for the sole benefit of the City of Ottawa. The material in it reflects Dillon's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

## 1.0

# Introduction

Dillon Consulting Limited (Dillon) was retained by the City of Ottawa (the City) to conduct a Phase One Environmental Site Assessment (ESA) to support the filling of a Record of Site Condition (RSC) for the property located at 2040 Arrowsmith Drive, in Ottawa, Ontario (hereafter referred to as the RSC Property). The RSC is required as part of the potential redevelopment of the Site. **Figure 1** depicts the general RSC Property location and **Figure 2** presents the site plan.

The Phase One ESA report was prepared pursuant to Ontario Regulation 153/04, as amended (herein referred to as the Regulation) under the Environmental Protection Act. Dillon understands that the Phase One ESA was initiated as part of a pending application for a Record of Site Condition (RSC) under the Regulation, which is being completed in support of the potential future redevelopment of the property to a parkland/residential setting.

The objective of the Phase One ESA report was to document the presence or absence of Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs), and to provide a record of a Phase One ESA that demonstrates, in a manner that is clear and can be assessed, tested and reconstructed, how the Phase One ESA of the RSC Property was completed, and how the general and specific objectives of a Phase One ESA were achieved.

## 1.1

## Phase One Property Information

Property information for the RSC Property is summarized in **Table 1**.

**Table 1: Summary of the Phase One Property**

Municipal Addresses	2040 Arrowsmith Drive, Ottawa, Ontario
<b>Property Identification Number (PIN)</b>	04363-0027
<b>Roll Number</b>	
<b>Legal Description</b>	PLAN 848 PT BLK D; PLAN RP 4R3008 PTS 3-5
<b>Approximate Area of Property</b>	1.82 hectares
<b>General Site Description</b>	As shown on <b>Figure 2</b> , the RSC Property consists of a 1.82 hectare parcel located at 2040 Arrowsmith Drive, in Ottawa, Ontario. The RSC Property was observed to consist of a site building (used by the Gloucester Community Food Cupboard (GEFC)), a small shed and several storage lockers, a paved parking area, landscaped areas and areas of overgrown vegetation. The RSC Property is surrounded by residential, institutional, leisure, and highway land use.
<b>Owner</b>	The City of Ottawa
<b>Owner Representative and person requesting Phase One ESA</b>	Name: Mr. Richard Barker, City of Ottawa Address: 110 Laurier Avenue West, 5 <sup>th</sup> Floor, Ottawa, ON K1P 1J1 Contact Information: Phone: 613-580-2424, Email: richard.barker@ottawa.ca



This report documents the methodology of the Phase One ESA investigation, and subsequent findings.

## 1.2 Key Regulatory Definitions

The following are key regulatory definitions used throughout this report.

Defined by the *Environmental Protection Act (EPA)*

**Contaminant** – Any solid, liquid, gas, odour, heat, sound, vibration, radiation or combination of any of them resulting directly or indirectly from human activities that causes or may cause an adverse effect.

Defined by *Ontario Regulation 153/04, as amended*

**Areas of Potential Environmental Concern (APECs)** – The area on, in or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through: (a) identification of past or present uses on, in or under the Phase One property, and (b) identification of potentially contaminating activity.

**Contaminants of Concern (COCs)** – Means: (a) one or more contaminants found on, in or under a property at a concentration that exceeds the applicable site condition standards for the property, or (b) one or more contaminants found on, in or under a property for which no applicable site condition standard is prescribed under Part IX of the *Environmental Protection Act* (Site Condition Standards and Risk Assessment) and which are associated with potentially contaminating activity.

**First Developed Use** – The earlier of: (a) the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, and (b) the first potentially contaminating use or activity on the Phase One Property.

**Phase One Property** – The property that is the subject of a phase one environmental site assessment (Dillon uses the term “RSC Property” herein).

**Phase One Study Area** – The area that includes a Phase One Property, any other property that is located, wholly or partly, within 250 m from the nearest point on a boundary of the Phase One Property and any property that the Qualified Person determines should be included as a part of the phase one study area under clause 3 (1) (a) of Schedule D of the Regulation.

**Potentially Contaminating Activity (PCA)** – A use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one Study Area.

## 2.0 Scope of Work

The scope of work for the Phase One ESA included the following components, in accordance with Schedule D of the Regulation:

- Review of historical and current records that were reasonably attainable for the RSC Property and/or Phase One Study Area (properties located, wholly or partly, within 250 m from the RSC Property boundary);
- Interview of person(s) knowledgeable with respect to past and current uses of the RSC Property and/or adjacent properties, if available;
- Site reconnaissance, conducted after the preliminary records review, to observe the condition of the RSC Property and Phase One Study Area; and
- Review and evaluation of the findings and reporting.

This report identifies PCAs within the RSC Property and Phase One Study Area, and associated APECs resulting from those PCAs, as applicable. It should be noted that there may be subsurface utilities located within and in the vicinity of the RSC Property. It is recognized that bedding material, if present along utility corridors, can represent preferential flow pathways for groundwater and soil vapours. However, the utilities are not unto themselves considered to be sources of contamination (i.e. either PCAs or APECs per se), unless the type of utility or other information identified during the Phase One ESA supports their inclusion (e.g., known transmission of oil beneath the RSC Property via an oil pipeline). It is noted that some utilities may contain designated substances (e.g., asbestos). In the event of disturbance, utilities should be evaluated for the presence of designated substances and appropriate health and safety and environmental measures should be taken.

### 2.1 Impediments and Limitations

This Phase One ESA was initiated as part of the process to obtain a RSC under the Regulation and the administrative requirements for an RSC outlined in Schedule A of the Regulation.

Observations of surrounding properties were limited to visual observations from the RSC Property and from publicly-accessible vantage points. This report is subject to the limitations presented in **Section 8.0**. It is noted that as it is not required under the Regulation, this Phase One ESA did not include sample collection, analysis or measurements, and was not intended to be a definitive investigation of contamination or other environmental concerns at the RSC Property; however it does rely on the findings of past Phase Two ESA work completed by Dillon in 2013. A Phase One ESA does not constitute a Compliance Audit. No review of environmental regulatory compliance was carried out as part of this assessment.

Dillon notes that for the purposes of filing n RSC, the date the last work was done on the records review, interviews and site reconnaissance must be no later than 18 months before the submission of the RSC or the commencement of a Phase Two ESA.

## 3.0

## Records Review

The objectives of the records review process, as defined by the Regulation, were:

- To obtain and review records that relate to the current and past uses of, and activities at or affecting the RSC Property in order to interpret if one or more APECs exist.
- To obtain and review records that relate to properties in the Phase One Study Area, other than the RSC Property, in order to interpret if one or more APECs exist.

In general, the records review process focused on records and data for properties located within 250 m of the RSC Property boundary, which represents the Phase One Study Area. Regulatory correspondence relevant to the Phase One ESA is included in **Appendix A**, and copies of other documentation used to support the Phase One ESA report are included in **Appendix B**.

Information was requested from the following sources, and included in the report if available at the time of reporting:

### **Agencies**

- Ontario Ministry of the Environment, Conservation and Parks (MECP);
- The City of Ottawa; and
- Technical Standards and Safety Authority (TSSA) – Fuel Safety Division.
- 

### **Information Source Documents and Publications**

- ERIS:
  - Fire Insurance Plans (FIPs)
  - Property Underwriters' Reports/Plans
  - Environmental Databases
  - City Directory Listings
  - Aerial photographs
  - Chain-of-Title
- Aerial Photographs and zoning information were also provided by the GeoOttawa online GIS mapping tool;
- Ministry of Natural Resources and Forestry (MNR) Land Information Ontario (LIO) database, including Areas of Natural Significance and information sourced from Ontario Base Maps (OBMs); and
- MECP – Water Well Record Database.

## 3.1

## Results of the Phase One Records Review

Consistent with the objectives of the Phase One ESA, the following Sections document the results of the records review process. It is noted that, when presented, discussions of the relative relevance of the

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records in this Section may draw on information from other Sections of the report (e.g., **Section 3.3** Physical Setting) for context.

### 3.1.1 Phase One Study Area Determination

The Phase One Study Area includes the RSC Property and properties that include lands located wholly or partially within 250 m of the RSC Property boundary. For the purposes of determining the Phase One Study Area, a 250 m buffer was extended from the RSC Property and all properties located wholly or partially within that area were included. The portions of right-of-ways within this area were also included. The area that this encompasses is presented on **Figure 2**.

The results of the search were correlated to local geology and anticipated groundwater flow direction to assess the potential presence of environmental concerns that could be relevant to the RSC Property.

### 3.1.2 First Developed Use Determination

The term “first developed use” is defined in **Section 1.2**. The first developed use of the RSC Property is discussed below:

- The results of the Land Title search identified that the Site was first mentioned in 1802 when the land was purchased from the Crown. The property was exchanged several times and appears to have been used for agricultural purposes prior to being sold to Shenkman Properties Limited in 1958.
- Aerial photographs of the RSC Property also indicate that the site was first used for agricultural purposes between prior to 1958. A review of aerial photographs indicated that the site and surrounding property were further developed between 1967 and 1970 with the construction of roads and apartment buildings on the surrounding properties. At some point between 1970 and 1983, the onsite building was constructed. Interviews with site staff have estimated the year of construction as 1976.

Based on this information, the first developed use at the RSC Property was determined to be approximately 1976.

### 3.1.3 Fire Insurance Plans

A search for FIPs for the Phase One Study Area was requested through Opta Information Intelligence (Opta) by ERIS. No records pertaining to FIPs were found for the RSC Property or Phase One Study Area.

A copy of the search document is presented in **Appendix B**.

### 3.1.4 Chain-of-Title-Search

A chain-of-title search for the RSC Property was completed by ERIS. The land ownership history is summarized in **Table 2**.

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

Dates	From	To
December 1, 1802	-	Crown
December 1, 1802	Crown	Allan McDonell
June 26, 1809	Allan McDonell	Malcolm McMartin
April 1, 1822	Malcolm McMartin	Derick Ostrom
August 7, 1839	Derick Ostrom	George Hamilton Charles, A. Lou
June 10, 1844	George Hamilton Charles, A. Lou	Susannah C. Hamilton
April 26, 1849	Susannah C. Hamilton	Robert Hamilton, George Hamilton, John Hamilton
July 29, 1859	Robert Hamilton, George Hamilton, John Hamilton	Robert Hamilton, John Hamilton
January 23, 1867	Robert Hamilton, John Hamilton	Nicholas Hopkins
December 24, 1889	Nicholas Hopkins	Robert Hopkins
May 28, 1958	Robert Hopkins	Shenkman Properties Limited
February 23, 1979	Shenkman Properties Limited	The Corporation of the Township of Gloucester
January 1, 2001	The Corporation of the Township of Gloucester	City of Ottawa (amalgamation)

Copies of the chain-of-titles are included in **Appendix B**.

### 3.1.5 Environmental Reports

Environmental site investigations have taken place at the Site dating back to 2005. The following previous environmental reports were provided to Dillon for review, and pertinent information from each report is summarized below.

***Phase I Environmental Site Assessment, 2040 Arrowsmith Drive, Ottawa, Ontario (Dillon Consulting Limited, January 17, 2005)***

Dillon completed this Phase I ESA to Canadian Standard Association standards (Z768-01) for the City in 2005. This Phase I ESA pertains to only the southwestern portion of the current Phase One property and as such did not include the on-site building. It is noted that no documented evidence or actual soil and/or groundwater contamination was found at the site. During the Phase I ESA, Dillon identified the following issues and associated Contaminants of Potential Concern (COPCs) at the buildings/properties surrounding the site:

- The portion of the site used for parking may have associated petroleum hydrocarbon (PHC) impacts.
- Scattered refuse, including asphalt driveway sealer and used tires.
- Evidence of construction related fill that may have resulted in benzene, toluene, ethylbenzene, and xylene (BTEX), PHC, polycyclic aromatic hydrocarbons (PAH), and/or metals impacts.

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The Phase I ESA indicated that while the construction related fill likely represented native soil/rock removed to accommodate the neighbouring apartment structures, verification sampling would be appropriate. Due to the potential soil contamination in the fill at the property a surface and subsurface soil investigation was recommended.

***Phase I Environmental Site Assessment, 2040 Arrowsmith Drive, Ottawa, Ontario (Dillon Consulting Limited, February 21, 2013)***

In February 2013, Dillon completed a second Phase One ESA, which included the on-site building. This assessment was compliant with Ontario Reg. 153/04 and was intended to be used in the potential progression towards a RSC.

There were no new areas of potential or actual environmental concern identified during the preparation of the Phase One ESA that had not already been identified in the previous report. The presence of unknown fill material throughout the property was the only PCA with corresponding APEC identified. Given that the origin of the fill was unknown, it was recognized as potentially containing contaminants such as PHCs, BTEX, PAHs, and metals. It was noted that groundwater in the area may also have been impacted by the fill material.

Several special attention items were also flagged within the on-site building during the site visit including: potential polychlorinated biphenyls (PCB) in fluorescent light ballasts, floor and wall tiles potentially containing asbestos, chlorofluorocarbons are likely present in the fire extinguishers, freezers, refrigerators, and air conditioners, and finally, the thermostats located throughout the building likely contain mercury switches.

Based upon the findings of the Phase One ESA, a Phase Two ESA was recommended in order to assess the APEC noted above and enable potential progression towards a RSC.

***Phase II Environmental Site Assessment, 2040 Arrowsmith Drive, Ottawa, Ontario (Dillon Consulting Limited, September 2013)***

Dillon completed this Phase Two ESA for the City in 2013 as recommended in the 2013 Phase One ESA and to support a potential RSC in light of proposed redevelopment. The scope of work included the advancement of seven boreholes across the property with soil samples collected throughout the fill material and underlying native soil. Following the advancement of boreholes, monitoring wells were installed at three locations and groundwater samples were collected. The unknown fill material identified during the Phase One ESA was determined to meet applicable Table 3 Standards at each location sampled. Based on these results, the unidentified fill material was ruled out as a PCA.

Groundwater also met Table 3 Standards at each location sampled. Samples collected in the underlying native clay were reported to exceed Table 3 Standards for one or more of cobalt, barium, and vanadium at each of the locations where it was sampled. Based on these results, Dillon indicated that the elevated concentrations in the native clay were assumed to be naturally occurring and likely to extend across the site and beyond. No PCAs were associated with the elevated concentrations. Dillon indicated that any of the clay material removed from the site would require management in accordance with MECP requirements.

Based on the review of the information provided in the previous environmental reports, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
• None	• None.

### 3.2 Environmental Source Information

The following government, public and other agencies were contacted regarding available information relevant to the RSC Property, adjacent properties and/or Phase One Study Area.

- MECP
  - Freedom of Information (FOI) Request
  - MECP internet data sources
- City of Ottawa
  - City of Ottawa Historical Land Use Inventory Report
  - GeoOttawa online interactive mapping tool
- TSSA
  - Records pertaining to tanks and fuel storage
- ERIS Environmental Databases (see Appendix D Section i of the ERIS report for a complete listing of databases searched), FIPs, Property Underwriters' Reports/Plans, City Directory Listings, and Aerial Photographs

#### **MECP**

##### FOI

The FOI Administrative Officer for the MECP was contacted digitally on August 24, 2021, to request historical information for the RSC Property regarding environmental infractions, including reported spills, orders issued, and/or investigations/prosecutions.

A letter indicating MECP's acknowledgement of the FOI request was received on August 25<sup>th</sup>. A formal response to the FOI request had not been received prior to the issuance of this report.

Copies of the FOI request and MECP acknowledgement letter are included in Appendix A.



Inventory of Large Landfill Sites

No large landfill sites were documented in the vicinity (approximately 500 m) of the RSC Property.

Inventory of Small Landfill Sites

No small landfill sites were documented in the vicinity (approximately 500 m) of the RSC Property.

Inventory of Waste Disposal Sites

The MECP Waste Disposal Sites Inventory (1991) was referenced to identify any active or closed waste disposal sites as of publication of the inventory. No waste disposal sites were identified within approximately 500 m of the RSC Property in the MECP Inventory.

Inventory of PCB Storage Sites

The MECP Ontario Inventory of PCB Storage Sites (1991) was referenced to identify any PCB storage sites as of publication of the inventory. No PCB storage sites were identified within approximately 250 m of the RSC Property.

Inventory of Coal Gasification Plant Waste Sites

The MECP Inventory of Coal Gasification Sites in Ontario – Volume II (1987) was referenced to identify any coal gasification sites as of publication of the inventory. No coal gasification sites were identified within 250 m of the RSC Property.

Based on the review of MECP records, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None.</li> </ul>	<ul style="list-style-type: none"> <li>• None.</li> </ul>

**Local Municipality**Historical Land Use Inventory

The City of Ottawa maintains a Historical Land Use Inventory (HLUI) that serves to collect information on the type and location of land uses within the city which had or have the potential to cause contamination in soil, groundwater, or surface water. A HLUI summary report and reference map were provided to Dillon that shows HLUI area features (activity/facility type and location within the Phase One Study Area), HLUI point features (ASTs, USTs, and drums), HLUI line features (railways and pipelines) and old landfills. The HLUI report is provided in Appendix B, and the following Table 3 provides a summary of pertinent information obtained in the HLUI report:

**Table 3: HLUI Summary**

Address	Facility Name	Description
1471 Blair Road, Gloucester	Canadian Government	Chemical products industries registered from 1885-1901.
	National Capital Commission	Registered in 2016. No description provided.
2049 Jasmine Crescent, Gloucester	Not listed	Property served as a cemetery, registered from 1906-1957.
2000 Jasmine Crescent, Gloucester	Hawa Renovations	Residential building and development (2005)
Not listed (approx. 100 m southeast of site)	N/A	Abandoned railway (1941)
Not listed (approx.. 200 m north of the site)	N/A	Fuel line (1975 Texaco Piping Layout, Beacon Hill – Plan 23)

The record for 1471 Blair Road indicates that the former factory was located in Lot 17 and the southern half of Concession 2, on the bank of Greens Creek, and therefore outside the Phase One Study Area.

#### Zoning By-Law 2008-250

Zoning information for the Phase One Study Area was obtained through the GeoOttawa online GIS mapping tool. The City of Ottawa By-Law 2008-250 indicates that the RSC Property is zoned Minor Institutional Use (I1E Subzone). Surrounding properties to the north, east, and west are zoned as residential (5<sup>th</sup> density subzone), and to the south zoned as a hydro corridor subzone (O1P).

Based on the review of the municipality records and their location relative to the site, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>None.</li> </ul>	<ul style="list-style-type: none"> <li>#46 – Rail Yards, Track, and Spurs <ul style="list-style-type: none"> <li>Abandoned railway running parallel to highway southeast of site.</li> </ul> </li> <li>PCA Other – Potential leaks from fuel lines <ul style="list-style-type: none"> <li>Fuel lines located north of the site, noted in 1975 Texaco Piping Layout</li> </ul> </li> </ul>

#### **Technical Standards and Safety Authority (TSSA, Ontario)**

The Public Information Services Department of the TSSA, Fuel Safety Branch was contacted by email on August 6, 2021 regarding records in their database of fuel storage tanks at the RSC Property.

The TSSA responded on August 6, 2021 indicating that no records of fuel storage tanks licensed or registered to the RSC Property were found.

A copy of the TSSA correspondence is included in **Appendix A**.

It should be noted that the Fuels Safety Division (TSSA) does not register private fuel underground or aboveground storage tanks from prior to 1990 or furnace oil tanks from prior to May 1, 2002. Also, the TSSA does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gasoline and diesel tanks.

Based on the review of TSSA records, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None.</li> </ul>	<ul style="list-style-type: none"> <li>• None.</li> </ul>

### ***ERIS Databases***

ERIS is a commercial information service for searching federal, provincial and private databases for information that may be relevant to a Phase One ESA. ERIS was retained to conduct a search of databases for the Phase One Study Area, including properties located wholly or partially within 250 m of the RSC Property. The ERIS report was received on August 20, 2021, and is presented in Appendix C. It should be noted that extent of the historical information available varies with each database and the information in the databases reflects information available to ERIS at the time of the search.

The search findings are summarized below.

#### RSC Property

ERIS identified three records for the RSC Property. A summary of the records and their relevance to this Phase One ESA is provided below:

- ERIS identified one record for boreholes, which was reviewed for stratigraphy descriptions and is not considered to be a PCA for the RSC Property.
- ERIS identified two records for ERIS searches at the RSC Property (presumably associated with previous environmental reports), which were not considered to be PCAs.

#### Phase One Study Area

ERIS identified 35 records within the search area for properties wholly or partially within the Phase One Study Area (not including those already described on the RSC Property). A summary of the records and their relevance to this Phase One ESA is provided below:

- ERIS identified four records related to boreholes, which were not considered to be PCAs.
- ERIS identified three records related to Environmental Activity and Sector Registry. These records were for two heating systems and one stand-by power system for Carleton Condominium Corporation No. 25, and were not considered to be PCAs.
- ERIS identified one record related to ERIS Historical Searches, which was not considered to be a PCA.

- ERIS identified one record related to Water Well Information System. This record was assessed to be for monitoring wells included in Dillon’s 2013 Phase Two ESA, and was likely included in the Phase One Property area instead of the RSC Property due to location accuracy limits. This record was not considered to be a PCA.
- ERIS identified two records for TSSA Historic Incidents. Both records relate to incidents at 2020 Jasmine Crescent (approximately 110m northeast of the RSC Property) on September 6th, 2007:
  - A fuel oil leak was documented with no amount or receiving medium noted. The operation type was noted as a private dwelling. No environmental impacts were noted. This record was not considered to be a PCA.
  - A leak of approximately 340 L of diesel fuel, noted as the result of an equipment/material/component failure. The operation type was noted as multi-unit residential. Environmental impact notes indicate the product had entered the drainage system and was unable to be traced due to fast-flowing water in drainage system. This record was considered to be a PCA.
- ERIS identified six records related to Ontario Spills. All records were reviewed and most were not considered to be PCAs due to limited quantities of spilled materials and/or receiving mediums (e.g. spills to concrete/interior surfaces or sewer), with the exception of the following:
  - Spill of 337L of diesel fuel to the ground and water at 2020 Jasmine Crescent (approximately 110 m northeast of the RSC Property) in 2007 as a result of a leaking generator reserve tank. The record noted possible environmental impact in the form of soil contamination and surface water pollution. No clean up details were recorded. This appears to be the same incident captured in the TSSA record noted in the bullet above, and was considered to be a PCA.
- ERIS identified 18 records related to Ontario Regulation 347 Waste Generators. All records were reviewed relative to type and size of facility, wastes generated and years active. Fifteen of these records related to wastes generated by Gloucester High School, located at 2060 Ogilvie Road (approximately 80 m west of the RSC Property). The remaining records related to wastes generated by the Carleton Condominium Corporation No. 25 and Ogilvie Gardens. None of these records were considered to be PCAs.

The remaining records identified by ERIS (unplottable report) were not considered relevant to the Phase One ESA.

Based on the review of the ERIS database report, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• PCA Other – Spill of diesel fuel at 2020 Jasmine Crescent.</li> </ul>

### City Directories

ERIS was retained to conduct a search of available city directories for the RSC Property and 20 adjacent property addresses within the Phase One Study Area. These addresses were searched back to the first listing of site development and included a review of directories for the following years: 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1992, 2001-2002 and 2011. A summary of the city directory review is provided in **Table 4**, below. ERIS noted that due to unforeseen circumstances resulting from the Covid-19 pandemic, access to some information sources has been limited. While additional measures were undertaken in order to provide accurate information where possible, some project searches yielded no results.

**Table 4: City Directories Listing Summary**

Address	Years	City Directory Listing
<b>The RSC Property</b>		
2040 Arrowsmith Drive	1959, 1964, 1969, 1974, 1984, 1990, 1994/1995, 1999, 2000, 2004/2005, 2010	- Address not listed
<b>Properties to the North</b>		
2000 Arrowsmith Drive	1959-2010	- Address not listed
2044 Arrowsmith Drive	1959-1964	- Address not listed
	1969-2010	- Multi-tenant residential
1958 Jasmine Crescent	1959-1964	- Address not listed
	1969-2010	- Multi-tenant residential
<b>Properties to the East</b>		
Sutton Place (All)	1959-2010	- Address not listed
<b>Properties to the West</b>		
2060 Ogilvie Road	1959-2020	- Address not listed
<b>Properties to the South</b>		
Highway 174	1959-2010	- No listings within requested radius

Based on the review of the City Directories, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>

### 3.3

## Physical Setting Sources

**Table 5** presents a summary of the information sources used to determine the physical setting for the Phase One Study Area. The references cited were reviewed in more detail and placed into context in the following Sub-Sections. In addition to these sources, lithology information provided in previous environmental reports (**Section 3.1.5**) was also used to better characterize the physical setting at the RSC Property.

**Table 5: Summary of Information Sources for Determination of Physical Setting**

Topic	Source Date	Source
Aerial Photographs	1983	National Air Photo Library (via ERIS)
	1945, 1954, 1965, 1976, 1991, 2005, and 2015	GeoOttawa
Surficial Geology	2010	Ontario Geological Survey 2010. Surficial geology of southern Ontario. Ontario Geological Survey, Miscellaneous Release, Data 128, Revised (Google Earth Layer)
Topography	2010	Ontario Base Mapping (OBM), 2010. Ontario Ministry of Natural Resources
Physiography	2007	Chapman, L.J. and Putnam, D.F. 2007. Physiography of southern Ontario; Ontario Geological Survey, Miscellaneous Release, Data 228 (Google Earth Layer)
Bedrock Lithology	2011	Ontario Geological Survey 2011. 1:250,000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release – Data 126, Revision 1 (Google Earth Layer)
Areas of Natural and Scientific Interest	2017	ANSI (ANSI) March 2017. Ontario Ministry of Natural Resources
Well Records	Current	ERIS Report MECP Water Well Database

### 3.3.1 Aerial Photographs

Aerial photographs were obtained from ERIS and included photographs dated 1945, 1954, 1965, 1976, 1991, 2005, and 2015. Copies of the aerial photographs are presented in **Appendix D**. Photographs were selected across each decade, as available with appropriate resolution, to track changes over time on the RSC Property and Phase One Study Area. A summary of the review of the available aerial photography is presented in the following table. It is noted that the resolution of the photographs varied and did not always allow for a detailed evaluation of the surface conditions at the Site or adjacent properties.

**Table 6: Summary of Details Observed in the Aerial Photographs – RSC Property**

Year	Original Scale	RSC Property
1945	1:10000	<ul style="list-style-type: none"> <li>The RSC Property appears to be agricultural field.</li> </ul>
1954	1:10000	<ul style="list-style-type: none"> <li>Similar to the 1945 photograph.</li> </ul>
1965	1:10000	<ul style="list-style-type: none"> <li>Similar to the 1954 photograph.</li> </ul>
1976	1:10000	<ul style="list-style-type: none"> <li>The onsite building appears to have been constructed by this point in addition to the adjacent parking area. Access roads have been constructed on and adjacent to the RSC Property.</li> </ul>
1983*	1:6000	<ul style="list-style-type: none"> <li>Similar to the 1976 photograph.</li> </ul>
1991	1:10000	<ul style="list-style-type: none"> <li>Similar to the 1983 photograph.</li> </ul>
2005	1:10000	<ul style="list-style-type: none"> <li>Similar to the 1991 photograph.</li> </ul>
2015	1:10000	<ul style="list-style-type: none"> <li>Similar to the 2005 photograph.</li> </ul>

**Table 7: Summary of Details Observed in the Aerial Photographs – Phase One Study Area**

Year	Original Scale	Phase One Study Area			
		North	East	South	West
1945	1:10000	<ul style="list-style-type: none"> <li>• Agricultural Fields</li> </ul>	<ul style="list-style-type: none"> <li>• Agricultural Fields</li> </ul>	<ul style="list-style-type: none"> <li>• Agricultural Fields.</li> <li>• A roadway has been constructed.</li> </ul>	<ul style="list-style-type: none"> <li>• Agricultural Fields</li> </ul>
1954	1:10000	<ul style="list-style-type: none"> <li>• Similar to the 1945 photograph. (Agricultural Fields)</li> <li>• A roadway has been constructed.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1945 photograph. (Agricultural Fields)</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1945 photograph. (Agricultural Fields)</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1945 photograph.</li> </ul>
1965	1:10000	<ul style="list-style-type: none"> <li>• Residential buildings have been constructed.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1954 photograph. (Agricultural Fields)</li> </ul>	<ul style="list-style-type: none"> <li>• The roadway appears the have been developed into a divided highway.</li> <li>• Access roads have been constructed south of the divided highway.</li> </ul>	<ul style="list-style-type: none"> <li>• Gloucester High School has been constructed.</li> <li>• Residential condo buildings have been constructed.</li> </ul>
1976	1:10000	<ul style="list-style-type: none"> <li>• Properties to the north have been developed. Paved roads and parking areas have been constructed.</li> <li>• Residential buildings have been constructed in addition to recreational facilities (baseball diamond)</li> </ul>	<ul style="list-style-type: none"> <li>• Paved roads and parking areas have been constructed.</li> <li>• Residential buildings have been constructed.</li> </ul>	<ul style="list-style-type: none"> <li>• The divided highway appears to have been further developed (Highway 174).</li> <li>• A golf course has been developed south of Highway 174.</li> </ul>	<ul style="list-style-type: none"> <li>• Additional development of buildings and recreational facilities; likely an expansion of Gloucester High School.</li> <li>• Additional residential buildings, paved roads and parking areas have been constructed.</li> </ul>
1983*	1:6000	<ul style="list-style-type: none"> <li>• Similar to the 1976 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1976 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1976 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1976 photograph.</li> </ul>
1991	1:10000	<ul style="list-style-type: none"> <li>• Residential and community development has expanded in previously undeveloped areas</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1983 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1983 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>• Similar to the 1983 photograph.</li> </ul>

Year	Original Scale	Phase One Study Area			
		North	East	South	West
		north of Highway 174.			
2005	1:10000	<ul style="list-style-type: none"> <li>Similar to the 1991 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 1991 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 1991 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 1991 photograph.</li> </ul>
2015	1:10000	<ul style="list-style-type: none"> <li>Similar to the 2005 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 2005 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 2005 photograph.</li> </ul>	<ul style="list-style-type: none"> <li>Similar to the 2005 photograph.</li> </ul>

Based on the review of the aerial photographs, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>None</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>

### 3.3.2 Topography

Based on topographic information obtained from ERIS mapping (see **Appendix B**), the overall topography of the site is generally flat with a small berm along the southern boundary. The small berm is likely the highest elevation point at approximately 73 metres above sea level (masl). Surface water drainage at the site is directed to municipal storm sewers or ditches associated with Highway 174.

### 3.3.3 Geology and Hydrogeology

The Phase One Study Area is located in the Ottawa Valley Clay Plains physiographic region. The physiographic landform in the Phase One Study Area consists of Limestone Plains and Till Plains (Drumlinized).

#### **Surficial Geology**

The surficial geology of the area is characterized by clay and silt marine sediments, deposited by the post-glacial Champlain Sea. At the subject site, this unit is likely between 5 to 10 m thick (Geological Survey of Canada, 2003).

Based on field conditions reported during the 2013 Phase Two ESA, fill material extends to a depth of approximately 1.2 m below ground surface (mbgs), with approximately 9.5 m of silty clay underlying it. Beneath the silty clay and overlying bedrock, there was approximately 0.9 m of silty sand and gravel reported to be present.

#### **Bedrock**

Bedrock geology mapping for the area indicates the site is located on or near an inactive fault line between the Billings Formation and the Ottawa Formation. Bedrock to the east of the fault, of the Billings



Formation, consists of black shale with some brown shale. Bedrock to the west of the fault, of the Ottawa Formation, consists of limestone with some shaly partings.

Based on field conditions reported during the 2013 Phase Two ESA, bedrock was present at a depth of approximately 11.5 mbgs and consisted of shale with minor fractures noted.

#### **Groundwater**

The regional topographic gradient generally slopes toward the southeast, toward Green's Creek, which is approximately 0.8 km from the site. Due to regional topography and the proximity of the site to Green's Creek, the general groundwater flow direction is likely to the southeast, but may be influenced locally by utility trenches or other features.

Groundwater elevation data measured during the 2013 Phase Two ESA (i.e., using the three overburden monitoring wells installed), was reported to indicate a relatively flat hydraulic gradient. Groundwater was measured to be present at depths of 1.57 mbgs and 3.15 mbgs, or elevations ranging between 96.9 m and 97.1 m (based on an assumed elevation of 100.0 m at a temporary benchmark). It was noted that the groundwater flow direction was assumed to be to the northeast, towards Greens Creek and the Ottawa River.

#### **3.3.4 Fill Materials**

The Site consists of a one-story building, paved (asphalt) access roads and parking areas, a small packed gravel area used for additional parking, and a grass covered field. The 2005 Phase I ESA and 2013 Phase One ESA (Dillon) indicated the likely presence of fill material along the southern edge of the Site, and potentially more broadly across the entire site. As noted above, drilling activities were completed across the site during Dillon's 2013 Phase Two ESA. The fill material was reported to consist of silt and sand, with some clay and gravel present.

Samples of the fill material were collected during the 2013 Phase Two ESA and submitted for analysis of metals, BTEX, PHCs, and PAHs. Concentrations were reported to be below the applicable Table 3 Standards and were therefore not considered to be of concern.

#### **3.3.5 Water Bodies and Area of Natural Significance**

No water bodies or areas of natural significance were identified on the RSC Property or Phase One Study Area based on a review of aerial photography, ERIS ANSI mapping and MNRF LIO mapping. Greens Creek Conservation Area is located approximately 600 metres southeast of the site.

Woodlands and other natural features within the Phase One Study Area are indicated in **Figure 4**.

### 3.3.6 Well Records

A water well search was conducted as part of the ERIS records for the Phase One Study Area. As a quality control measure, water well records were independently reviewed from the MECP Well Records Database.

While no wells were identified on the RSC Property, one record for groundwater monitoring wells was identified in the Phase One Study Area approximately 100 m to the south of the RSC Property and likely corresponds with monitoring wells installed on the RSC Property during the 2013 Phase Two ESA.

It is noted that the area is supplied with municipal water.

### 3.4 Site Operating Records

No site operating records were provided to Dillon for review. According to personnel working at the Site, the building was originally intended to be used as a rental office for the adjacent condo buildings. The building was later converted to its current state and leased by the City to the Gloucester Emergency Food Cupboard.

## 4.0

## Interviews

Dillon conducted interviews at the RSC Property during the site reconnaissance with Mr. Kellan Lee, Ms. Erin O'Manic and Ms. Heather Kimbel on August 31, 2021. Ms. O'Manic is the Director of the GEFC, and Ms. Kimbel is the current office manager. Mr. Lee acted as the City site contact in place of Rick Veinotte, who manages the RSC Property. Information that was obtained through the interview process is also presented in relevant sections in the report. The following is a summary of the interview:

- Ms. O'Manic has been familiar with the Phase One Property since 2016. Ms. Kimbel has been familiar with the Phase One Property since 2017.
- Prior to the Covid-19 pandemic, the GEFC was maintained by approximately 100 volunteers in addition to office and director staff (1-3 people). Currently, the facility is maintained by approximately 30 volunteers with only 15 volunteers allowed in the building at a time due to protocols associated with the Covid-19 pandemic.
- The office building was constructed in 1976, and was originally intended to serve as an office building for surrounding condominiums. An extension to the building was constructed in approximately 1989.
- The property is serviced by underground electrical connection, electrical baseboard heating, and window-mounted air conditioning units, municipal water and sewers. There is no history of oil fired steam boilers on the Phase One Property.
- Additional structures on the RSC Property include a storage shed and several locker stalls (located adjacent to the south wall of the building). The storage shed contains lawn maintenance equipment. It was noted that the City has since taken over the maintenance of the RSC Property and these items are no longer needed or used. Storage lockers are designated for volunteers of the GEFC and typically contain personal items used to tend to community gardens (gloves, small tools, etc.). No chemicals or fertilizers are stored on the property.
- No watercourses are present at the RSC Property.
- Wastewater generated at the RSC Property consists solely of domestic wastewater, which discharges to the municipal sewer.
- Wastes generated at the RSC Property consists of domestic garbage primarily including compost, food packaging, and household waste. Each waste stream is picked up weekly by the City.
- A designated substance survey (DSS) has not been conducted at the RSC property.
- Three monitoring wells are present at the RSC Property. One flush mount style monitoring well is located south of the building in the parking lot. Two monument style monitoring wells are located southwest of the building on a grassed lawn area. These monitoring wells were installed as part of the Phase Two ESA completed for the RSC Property in 2013.
- Community gardens are located at the RSC Property. One larger garden is situated east of the building at a slightly higher elevation. A second smaller garden is positioned to the west of the building.
- No fuel is used or stored at the RSC Property.

- There is no bulk chemical use or storage at the RSC Property.
- There is no PCB use or storage at the RSC Property.
- Not aware of any spills at the RSC Property.
- Not aware of any fill placement at the RSC Property.
- Not aware of any environmental issues associated with the RSC Property.

Based on the interviews conducted for the RSC Property, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>

## 5.0

# Site Reconnaissance

## 5.1

## General Requirements

The site reconnaissance included:

- Observation of structures and buildings at the RSC Property;
- Observation of the properties adjacent to the RSC Property (to the extent practical) to assess the use, as could be viewed from the RSC Property and adjoining public lands;
- Observation of the RSC Property grounds for visible evidence of potential contamination, such as vegetative stress, pavement staining, disturbed soils, or fill placement; and
- Observation of PCAs (e. g., underground or aboveground storage tanks, drum or container storage areas, materials transfer areas).

A selection of photographs taken during the site reconnaissance is included in **Appendix E**.

The RSC Property is located within a residential area in Ottawa, with residential land use to the north and east, residential and institutional to the west, and Highway 174 and parkland to the south of the RSC Property.

The RSC Property consists of the following:

- A building designated as the Gloucester Emergency Food Cupboard, used to store and provide food to the public. The building is one-storey, and has no basement. An extension to the building was added to the east side several years after the building's construction. The building is heated by electrical baseboard heating and cooled by window mounted air conditioning units.
- A storage shed and several storage lockers are located outside, situated along the southeast side of the building.
- A large storage container containing road salt is located outside at the south entrance to the building. This is used by City staff who maintain the property.
- A small garden is located to the west of the building. A larger garden is located east of the building, at a slightly higher elevation than the building.
- Asphalt-paved access roadways and parking areas surrounding the building. Catch basins were observed in these areas.
- An asphalt-paved parking lot is located to the southeast of the building. One flushed-mount style monitoring well is located here, which was installed as part of Dillon's 2013 Phase Two ESA (confirmed by referencing the Site Plan from the report). Waste bins are situated at the north east edge of the parking lot.
- A large grassed area is located at the southern portion of the RSC property. A small gravel path curves into the northwest portion of the grassed area, likely used as a turn-around driveway. Spots of gravel and patches of pavement were visible through vegetation to the southeast of this gravel

pathway. The southern-most portion of the grassed area slopes upward at a higher elevation than the rest of the grassed area and borders a chained-link fence. Two monument style monitoring wells were observed along the west portion of the grassed area, which were installed as part of Dillon's 2013 Phase Two ESA (confirmed by referencing the Site Plan from the report).

#### ***Surrounding Properties:***

The municipal addresses and observed occupants for surrounding properties were documented during the site reconnaissance. A summary of property uses adjacent and neighbouring to the RSC Property is provided in **Table 8** and shown on **Figure 3**.

**Table 8: Observations for Adjacent Surrounding Properties**

<b>Direction</b>	<b>Description</b>	<b>Address</b>	<b>Occupant(s)</b>
<b>North</b>	<ul style="list-style-type: none"> <li>Multi-tenant residential</li> <li>Jasmine Crescent</li> <li>Residential properties</li> </ul>	<ul style="list-style-type: none"> <li>2080 Ogilvie Road</li> <li>1957 Jasmine Crescent</li> <li>1973 Jasmine Crescent</li> <li>1993 Jasmine Crescent</li> <li>2017 Jasmine Crescent</li> </ul>	<ul style="list-style-type: none"> <li>Multi-tenant residential</li> <li>Multi-tenant residential</li> </ul>
<b>East</b>	<ul style="list-style-type: none"> <li>Residential properties (condo buildings)</li> </ul>	<ul style="list-style-type: none"> <li>2020 Jasmine Crescent</li> </ul>	<ul style="list-style-type: none"> <li>Multi-tenant residential</li> </ul>
<b>South</b>	<ul style="list-style-type: none"> <li>Highway 174</li> <li>Golf course south of Highway 174</li> </ul>	<ul style="list-style-type: none"> <li>Highway 174 (No address)</li> <li>1471 Blair Road (golf course)</li> </ul>	<ul style="list-style-type: none"> <li>MTO (Infrastructure)</li> <li>Pine View Golf Course</li> </ul>
<b>West</b>	<ul style="list-style-type: none"> <li>Residential properties (condo buildings)</li> <li>Residential properties (condo buildings)</li> <li>Institutional (high school)</li> </ul>	<ul style="list-style-type: none"> <li>2080 Ogilvie Road</li> <li>2044 Ogilvie Road</li> <li>2060 Ogilvie Road</li> </ul>	<ul style="list-style-type: none"> <li>Multi-tenant residential</li> <li>Multi-tenant residential</li> <li>Gloucester High School</li> </ul>

## 5.2

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

#### ***RSC Property Services and Utilities***

Services at the RSC Property include underground electrical service connections, municipal water service, storm sewer and sanitary sewer connections. The building has been classified as condemned and the facility is awaiting a new structure to be built. This new structure is in the planning stage and a construction date has not been set.

#### ***Chemicals***

Chemicals stored at the RSC property include household cleaners including bleach. No spills or staining were observed within the vicinity of the chemicals. It is noted that cleaning products were being stored in a small storage closet with carpet flooring and no floor drains.

**Storage Tanks**

No evidence of ASTs or USTs was observed within the RSC Property boundaries during the site reconnaissance.

The TSSA has indicated that no records have been found for the RSC Property.

**Mechanical Equipment**

No evidence of mechanical equipment was observed within the RSC Property boundaries during the site.

**Drains and Sumps**

No floor drains were observed within the building on the RSC property.

**Special Attention Items**

Materials such as asbestos, PCBs, lead, ozone-depleting substances (ODS), mercury, urea formaldehyde foam insulation (UFFI), radon, excess noise, and electric/magnetic fields may be of special significance, if present, because of the heightened public concern about these substances.

- **Polychlorinated Biphenyls (PCBs)**

PCBs are commonly associated with dielectric fluids within electrical equipment manufactured in Canada prior to approximately 1979. Fluorescent light fixtures were observed throughout the office building, however facility staff indicated that all fluorescent bulbs had been replaced in 2020 and therefore would not contain PCBs.

- **Asbestos Containing Materials (ACM)**

Due to its good insulation and fire retardant properties, asbestos and ACM were frequently used in building materials from the 1920s to the late-1970s. These substances were commonly incorporated into building materials that included, but were not limited to, insulation, flooring, fire rated doors, gaskets, siding and roofing materials, drainage piping, and wall board. The health risk associated with asbestos occurs when asbestos fibres are released from various materials into the ambient air.

Based on the age of the office building (constructed in 1976), ACMs have the potential to be present. Suspect building materials observed in the office building include linoleum and vinyl tile flooring, ceiling tiles and wall insulation. Pipe wrapping was visible during the site reconnaissance but not suspected to have potential ACMs present.

- **Lead**

Paint manufacturers historically added heavy metals, including lead, to paint, because of their desirable properties such as rust prevention or as a bactericide. In 1976, Canadian regulators established the Hazardous Product Act – Liquid Coating that limited the amount of lead in interior paint to 0.5%; however, exterior paint could contain more lead. In 1990, members of the Canadian Paint and Coating Association agreed to eliminate all added lead from their products

(NRC, 1992). Subsequent to this, the Surface Coating Materials Regulations were promulgated (in 2005), reducing the allowable lead content of paints to 0.06% (600 ppm). Other historical uses of lead in buildings include, but are not limited to, water pipes, pipe fitting solder, roof flashings, equipment and column base pads, and concrete anchors.

Based on the age of the office building (constructed in 1976), high-concentration lead-containing paints may be present in some painted surfaces.

- **Mercury**

Mercury is a metal with a tendency to bioaccumulate in the environment, and is listed in Schedule I of the Canadian Environmental Protection Act (1999), the list of toxic substances. Some species of mercury, prevalent in the vapour phase, pose a more significant potential concern to human health.

No potential sources of mercury were observed at the RSC Property.

- **Ozone-depleting Substance (ODS)**

ODSs, such as chlorofluorocarbons, are manufactured compounds used in a variety of applications, such as air-conditioning coolants, industrial solvents, foam products, fire suppressants etc. Each province in Canada has passed legislation requiring mandatory recovery and reclamation of refrigerants during the maintenance of air-conditioning equipment.

Potential ODS-containing equipment observed at the RSC Property includes residential type refrigerators and freezers. ODS equipment is not expected to result in impacts to soil or groundwater at the RSC Property.

- **Urea Formaldehyde Foam Insulation (UFFI)**

UFFI was developed in Europe in the 1950s as a building insulation material. It was used in Canada, primarily between 1977 and 1980, when it was banned from use.

Based on the age of the office building (constructed in 1976), UFFI may have the potential to be present.

- **Radon**

Radon is produced due to the natural decay of radium from some soil and rock types. Radon gas may be a concern in buildings with poorly ventilated space for gas to accumulate, such as a basement. Based on information provided by ERIS, the RSC Property is located in an area of high radon ranking.



The presence/absence of significant levels of radon can only be determined through testing. Tests for radon were not conducted as part of this Phase One ESA. However, based on the construction of the building on the property (i.e. no basement), radon gas accumulation is not anticipated to be a concern for the RSC Property.

- **Noise**

Ambient background noise levels were observed to be consistent with the surrounding land use. The observed levels of noise on the RSC Property were not interpreted to represent an environmental concern.

- **Magnetic Fields**

The environmental effects of magnetic fields created by electrical power distribution have been the subject of extensive study and heightened public concern, particularly in residential areas. There are no generally-accepted guidelines at present to provide specific guidance on this issue.

No infrastructure that presents a potential concern for electric/magnetic fields (e.g., large electrical transmission lines/corridors) was present at the RSC Property.

- **Per- and Polyfluoroalkyl Substances (PFAS)**

No evidence of PFAS-related chemical use or storage was observed within the RSC Property boundaries during the site reconnaissance.

**Spills, Stained Areas and Stressed Vegetation**

There was no evidence of spills, stained areas or stressed vegetation during the site reconnaissance.

**Pits and Lagoons**

There were no pits or lagoons observed on the RSC Property.

**Watercourses, Ditches and Standing Water**

No watercourses, ditches or standing water were observed within the RSC Property boundaries during the site reconnaissance.

**Air Emissions and Odours**

No air emissions or odours were observed during the site reconnaissance.

**Solid Waste Management**

Solid waste generated at the RSC Property consists of domestic garbage from the building. Wastes are placed in containers and picked-up weekly (one weekly pick-up for each waste stream) by Waste Management. No evidence of waste dumping, burial or burning was observed at the RSC Property.

**Fill Materials**

No distinct fill piles were observed at the during the Site visit, however the southern portion of the large grassed area on the RSC Property appeared to be elevated relative to neighbouring properties to the east and west, indicating that fill materials may have been previously brought onto the Site.

As reported in Dillon's 2013 Phase Two ESA, fill material was noted to be present across the site. Samples of the fill material were collected and submitted for analysis of metals, BTEX, PHCs, and PAHs. Concentrations were reported to be below the applicable Table 3 Standards and were therefore not considered to be of concern.

Based on the reconnaissance of the RSC Property and adjacent properties, the following PCAs were identified:

On-Site PCAs	Off-Site PCAs
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>

### 5.2.1 Enhanced Investigation Property

An enhanced investigation property means a property that is used, or has ever been used, in whole or in part for an industrial use or for 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.

Since the RSC Property has not been utilized for these purposes, for the purposes of this report and RSC, it was not considered to be an Enhanced Investigation Property.

### 5.3 Written Description of Investigation

The site reconnaissance was conducted on August 31, 2021 by Elsa Hergel, B.Sc. and Breagh Thomas, B.Eng. of Dillon. The site reconnaissance commenced at 10:00 AM and lasted for approximately three and a half hours. Staff of the GEFC, including Ms. Heather Kimbel and Ms. O'Manic were present for the portion of the site reconnaissance that took place within the office building. The RSC Property was observed under warm and sunny conditions. There were no ground cover obstructions or otherwise which could represent a limitation to visibility.

## 6.0 Review and Evaluation of Information

### 6.1 Current and Past Uses

The first developed use of the RSC Property was determined to be prior to 1976, when it was intended to be used as a rental office for condominiums on the surrounding properties.

The development history for the RSC Property is summarized in **Table 9**:

**Table 9: Current and Past Land Uses**

Year	Name of Owner	Description of Property Use	Property Use	Other Observations (Aerial Photographs, FIP, etc.)
December 1802	Crown	Unknown	Unknown	• No information was available for this time period.
December 1802	Allan McDonell	Unknown	Unknown	• No information was available for this time period.
April 1809	Malcolm McMartin	Unknown	Unknown	• No information was available for this time period.
August 1822	Derick Ostrom	Unknown	Unknown	• No information was available for this time period.
June 1839	George Hamilton, Charles A. Lou	Unknown	Unknown	• No information was available for this time period.
June 1844	Susannah C. Hamilton	Unknown	Unknown	• No information was available for this time period.
April 1849	Robert Hamilton, George Hamilton, John Hamilton	Unknown	Unknown	• No information was available for this time period.
July 1859	Robert Hamilton, John Hamilton	Unknown	Unknown	• No information was available for this time period.
January 1867	Nicholas Hopkins	Unknown	Unknown	• No information was available for this time period.
December 1889	Robert Hopkins	Agriculture	Agricultural	• The 1945 aerial photograph of the site (first available) shows the site being used for agricultural purposes.
May 1958	Shenkman Properties Limited	Residential Condo Buildings	Residential/Commercial	• Current site building was constructed and intended to be used as rental office for adjacent residential buildings.
February 1979	The Corporation of the Township of Gloucester	Community Food Bank	Institutional	• Purchased by the Township of Gloucester in 1979

Year	Name of Owner	Description of Property Use	Property Use	Other Observations (Aerial Photographs, FIP, etc.)
January 2001	The Corporation of the City of Ottawa	Community Food Bank	Institutional	<ul style="list-style-type: none"> <li>The Township of Gloucester was amalgamated into the City of Ottawa on January 1, 2001.</li> </ul>

## 6.2 Potentially Contaminating Activities On-site

PCAs are defined in the Regulation as a use or activity listed in Column A of Table 2 in Schedule D that is occurring or has occurred in the Phase One Study Area. In addition to the regulatory PCAs, the Assessor may also identify other activities or uses that are considered to be PCAs within the Phase One Study Area. No on-site PCAs were identified during the Phase One ESA. As noted previously, fill materials are present at the site, but the quality of these materials is known to meet the applicable Table 3 SCS based on the results of the previous Phase Two ESA.

## 6.3 Potentially Contaminating Activities in the Phase One Study Area

Off-site PCAs noted to be present within the Phase One Study Area are summarized in **Table 10** and shown on **Figure 5**.

**Table 10: Potentially Contaminating Activities in the Phase One Study Area**

Off-Site PCA #	Property Location	Regulatory Description	Rationale	Potential Contaminants of Concern
1.	<ul style="list-style-type: none"> <li>2020 Jasmine Crescent (northeast of RSC Property)</li> </ul>	<ul style="list-style-type: none"> <li>PCA Other – Spill of diesel fuel at 2020 Jasmine Crescent.</li> </ul>	<ul style="list-style-type: none"> <li>Quantity was recorded as 337 L. Environmental impacts were suspected to the ground and surface water.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> </ul>
2.	<ul style="list-style-type: none"> <li>Southeast of the RSC Property</li> </ul>	<ul style="list-style-type: none"> <li>#46 – Rail Yards, Tracks, and Spurs</li> </ul>	<ul style="list-style-type: none"> <li>Former railway reported to have been present parallel to the adjacent highway.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> <li>Metals</li> <li>PAHs</li> </ul>
3.	<ul style="list-style-type: none"> <li>North of RSC Property</li> </ul>	<ul style="list-style-type: none"> <li>PCA Other – Potential leaks from fuel lines</li> </ul>	<ul style="list-style-type: none"> <li>Fuel lines were reported to have been present on the properties to the north of the site and may have leaked over time.</li> </ul>	<ul style="list-style-type: none"> <li>PHCs</li> <li>VOCs</li> </ul>

## 6.4 Areas of Potential Environmental Concern

None of the PCAs discussed above were considered to be APECs due to their distance and/or down/cross gradient location from the RSC Property.

## 6.5 Phase One Conceptual Site Model (CSM)

The property consists of a 1.82 hectare property located at 2040 Arrowsmith Drive, in Ottawa, Ontario. The RSC Property was observed to consist of a site building (used by the Gloucester Community Food Cupboard (GEFC)), a small shed and several storage lockers, a paved parking area, landscaped areas and areas of overgrown vegetation. The RSC Property is surrounded by residential, institutional, leisure, and highway land use. Roads and land use on adjacent properties are identified on **Figure 2**. The Site property boundary and building are identified on **Figure 3**.

Geological, hydrological and hydrogeological information is provided in **Section 4.3.2**. In general, the Site consists of fill or topsoil overlying silty clay. Groundwater flow is assumed to be northeast towards Green's Creek and the Ottawa River, but is likely influenced by nearby structures and land use (i.e. paved parking areas and utility trenches). Known underground utilities present on-Site include buried water, sewer, phone, and electrical. The buried utilities on-Site could affect potential contaminant transport if a shallow, mobile source were present. The sewers and associated backfill could act as a channel facilitating transport through the Site.

There were no areas of natural significance located in whole or in part on the Phase One Study Area.

A detailed description of PCAs and contaminants of potential concern are provided in the sections above. There were no PCAs identified within the RSC Property and there were three PCAs identified within the Phase One Study Area. The location of PCAs relative to the RSC Property is shown on **Figure 5**. Based on a review of the PCAs noted within the Phase One Study Area, there were no APECs identified on the RSC Property due to their distance and/or down/cross gradient location from the RSC Property.

It should be noted that concentrations of select metals in soil samples collected during the 2013 Phase Two ESA were reported to exceed the applicable Table 3 Standards; however, the elevated concentrations were attributed to naturally occurring, background levels associated with Champlain Sea sediments.

### 6.5.1 CSM Uncertainty

There is inherent uncertainty in the conceptual site model as it is based upon potential contaminants of concern, potentially contaminating activities and potential areas of environmental concern. Dillon has relied on the information searched as being complete and accurate. New or refined information may change the interpreted probability of certain transport pathways being available to off-site contaminants. At the time this report was prepared, there was no documentation of significant off-site releases of contaminants. In the future, should an upgradient or adjacent property holder document a significant release of chemicals, or identify off-site contamination emanating from their property, the conclusions of this Phase One ESA report should be revisited.

Dillon did not conduct a subsurface investigation at the RSC Property, and assumptions related to transport pathways may need to be revisited if the estimated groundwater flow direction is inaccurate or subsurface conditions interact with PCAs in a way that could not be reasonably accounted for based on the information within the Phase One ESA.

The CSM can be revised and updated, if required, in conjunction with Phase Two ESA activities. The Phase One CSM, as presented, is sufficient for the purposes of the present Phase One ESA.

## 7.0 Conclusions

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This section presents the Phase One ESA conclusions. The Phase One ESA activities satisfied the objectives of the work.

### 7.1 Whether Phase Two ESA Required Before a RSC Submitted

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This Phase One ESA did not identify any APECs on the RSC Property.

Dillon notes that concentrations of select metals in soil samples collected during the 2013 Phase Two ESA were reported to exceed the applicable Table 3 Standards; however, the elevated concentrations were attributed to naturally occurring, background levels associated with Champlain Sea sediments. The elevated concentrations were significantly lower than those measured in the overlying fill material (which were less than the Table 3 Standards), and similar to concentrations reported in clays present throughout the Ottawa Valley area.

Under the Regulation, a Phase Two ESA is not required to complete the filing of a RSC.

### 7.2 RSC Based on Phase One ESA Alone

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Refer to **Section 7.1**.

### 7.3 Signatures

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**Section 8.0** presents the report limitations associated with the findings and conclusions presented in **Section 6.0** and **Section 7.0**. The signature of the Qualified Person for this Phase One ESA is presented in **Section 9.0**. By signing the report, the Qualified Person confirms that the relevant findings and conclusions of the Phase One ESA are included in the report.

## 8.0

## Limitations

This report was prepared exclusively for the purposes, project and site location(s) outlined in the report. The report is based on information provided to, or obtained by Dillon Consulting Limited ("Dillon") as indicated in the report, and applies solely to site conditions existing at the time of the site investigation(s). Although a reasonable investigation was conducted by Dillon, Dillon's investigation was by no means exhaustive and cannot be construed as a certification of the absence of any contaminants from the site(s). Rather, Dillon's report represents a reasonable review of available information within an agreed work scope, schedule and budget. It is therefore possible that currently unrecognized contamination or potentially hazardous materials may exist at the site(s), and that the levels of contamination or hazardous materials may vary across the site(s). Further review and updating of the report may be required as local and site conditions, and the regulatory and planning frameworks, change over time.

This report was prepared by Dillon for the sole benefit of the City of Ottawa. The material in it reflects Dillon's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

**DILLON CONSULTING LIMITED**  
**Ottawa, ONTARIO**

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Matthew McCurdy, P.Geo., QP<sub>ESA</sub>  
 Project Manager

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Brent Loney, M.Sc., P.Geo., QP<sub>RA</sub>  
 Partner



## Qualifications of Assessor(s)

### **Matthew McCurdy, P.Geo., QP<sub>ESA</sub>**

#### **Senior Reviewer**

Matthew is an environmental geoscientist in Dillon's Ottawa office with 16 years of experience in environmental consulting and is registered as a Professional Geoscientist with the Association of Professional Geoscientists of Ontario (APGO). His education and training includes specializations in geoscience, hydrogeology, environmental chemistry, and regulatory reporting. He has managed and completed numerous projects including Phase I, II, and III environmental site assessments, soil and groundwater remediation/monitoring, and ecological assessments for a variety of clients in both the private and public sectors. Matthew has experience related to brownfields and other contaminated sites, including those impacted by hydrocarbons, chlorinated solvents, heavy metals, nutrients, surfactants, and bacteriological parameters. Other sites he has worked on include refueling stations, lighthouses, wharfs, harbours, airports, railways, residential properties, agricultural zones, quarries, military bases, and other landfills.

### **Brent Loney, M.Sc., P.Geo., QP<sub>RA</sub>**

#### **Senior Reviewer**

Brent has practiced as an environmental consultant in Ontario for 28 years, chiefly in the fields of contaminated site assessment and management, risk assessment, landfill investigations and hydrogeology. He has conducted or been involved in investigations at hundreds of sites all across the Province of Ontario on behalf of numerous government sector and private clients. Brent has a strong understanding of the regulatory process in Ontario and has completed human health and/or ecological risk assessments at former and active industrial sites, commercial sites and residential properties, dealing with contaminants ranging from petroleum hydrocarbon constituents, metals, chlorinated solvents, polycyclic aromatic hydrocarbons and pesticides. Remediation experience has included excavation/disposal, bioventing, product recovery, multi-phase extraction and groundwater pump-and-treat (GAC, air stripping). His experience also includes contaminant fate and transport modelling related to vapour intrusion, atmospheric emissions and subsurface contaminant transport, as well as more general aquifer characterization and groundwater flow modelling.

Brent has participated on assignments directly for the MECP (brownfield risk assessment review as a vendor-of-record, testing and feedback process for new Tier II model, review and recommendations for updating of Reasonable Use Concept). He has also completed a number of projects involving EPA and OWRA approvals and has assisted a number of clients by authoring annual reports for their permitted facilities (landfills, wastewater treatment). He has acted as expert witness in matters of litigation involving contaminated site remediation activities as well as for property acquisitions for contaminant attenuation zones. Brent has completed a number of projects involving policy development/review related to various technical issues, including jurisdictional reviews and reviews of codes/best practices.

#### **City of Ottawa**

*Phase One Environmental Site Assessment - 2040 Arrowsmith Drive,  
Ottawa, Ontario*

January 2022 – 21-2357



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# Figures



## 2040 ARROWSMITH DRIVE, OTTAWA, ON

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

### SITE LOCATION FIGURE I

-  Phase One Property
-  Railway
-  Freeway
-  Major Road
-  Local Road
-  Ramp
-  Watercourse
-  Waterbody
-  Provincial Boundary

SCALE 1:40,000

0 250 500 1,000 m

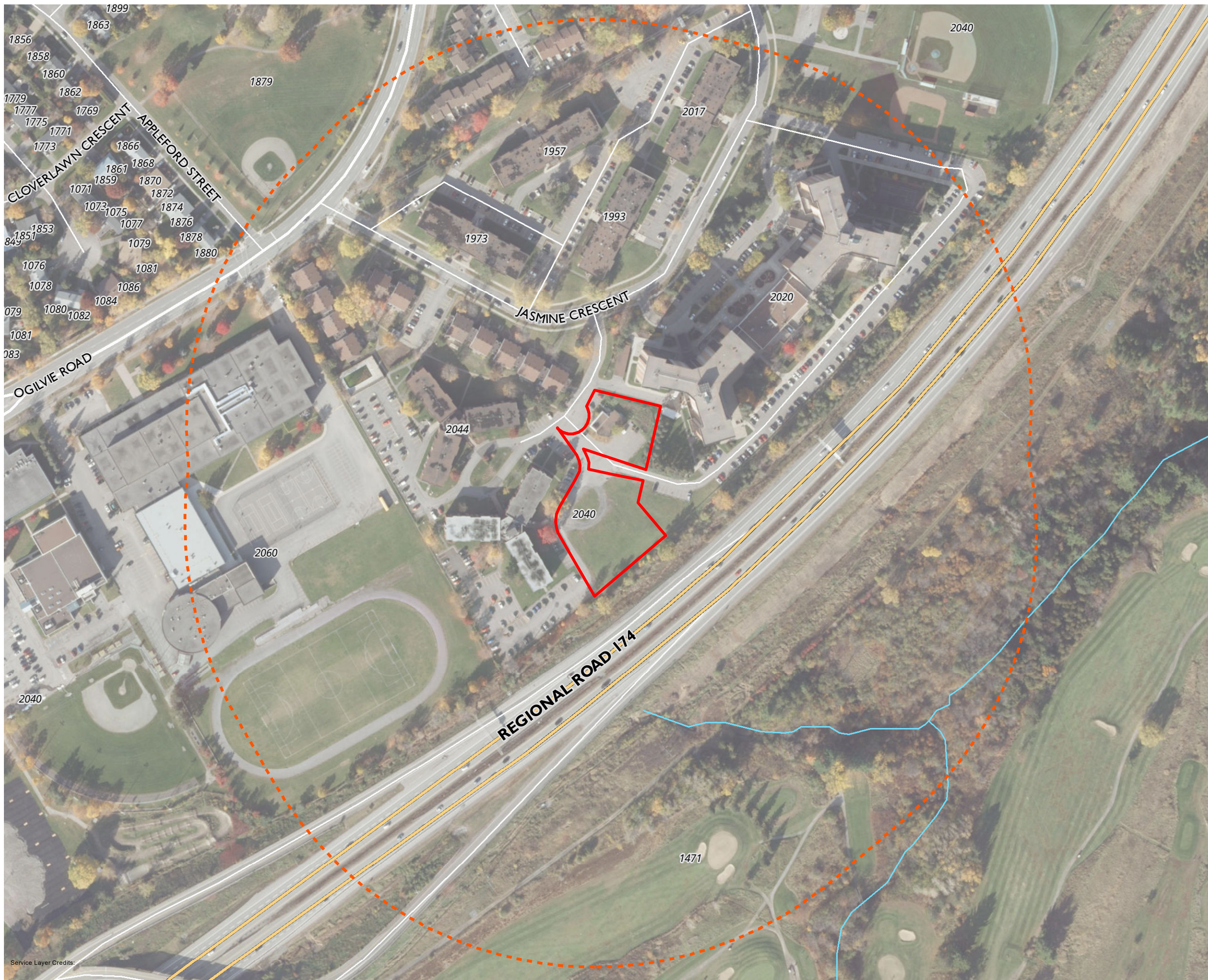


MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNR, CITY OF OTTAWA

MAP CREATED BY: LK  
MAP CHECKED BY: BT/MM  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 21-2357  
STATUS: DRAFT  
DATE: 2021-10-07

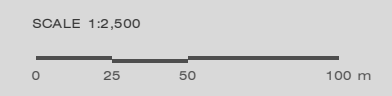


**2040 ARROWSMITH DRIVE,  
OTTAWA, ON**  
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**AERIAL OVERLAY**  
FIGURE 2

- Phase One Property
- Phase One Study Area
- 2040 Street Number
- Freeway
- Major Road
- Local Road
- Watercourse
- Provincial Boundary

Note: Site features are approximate



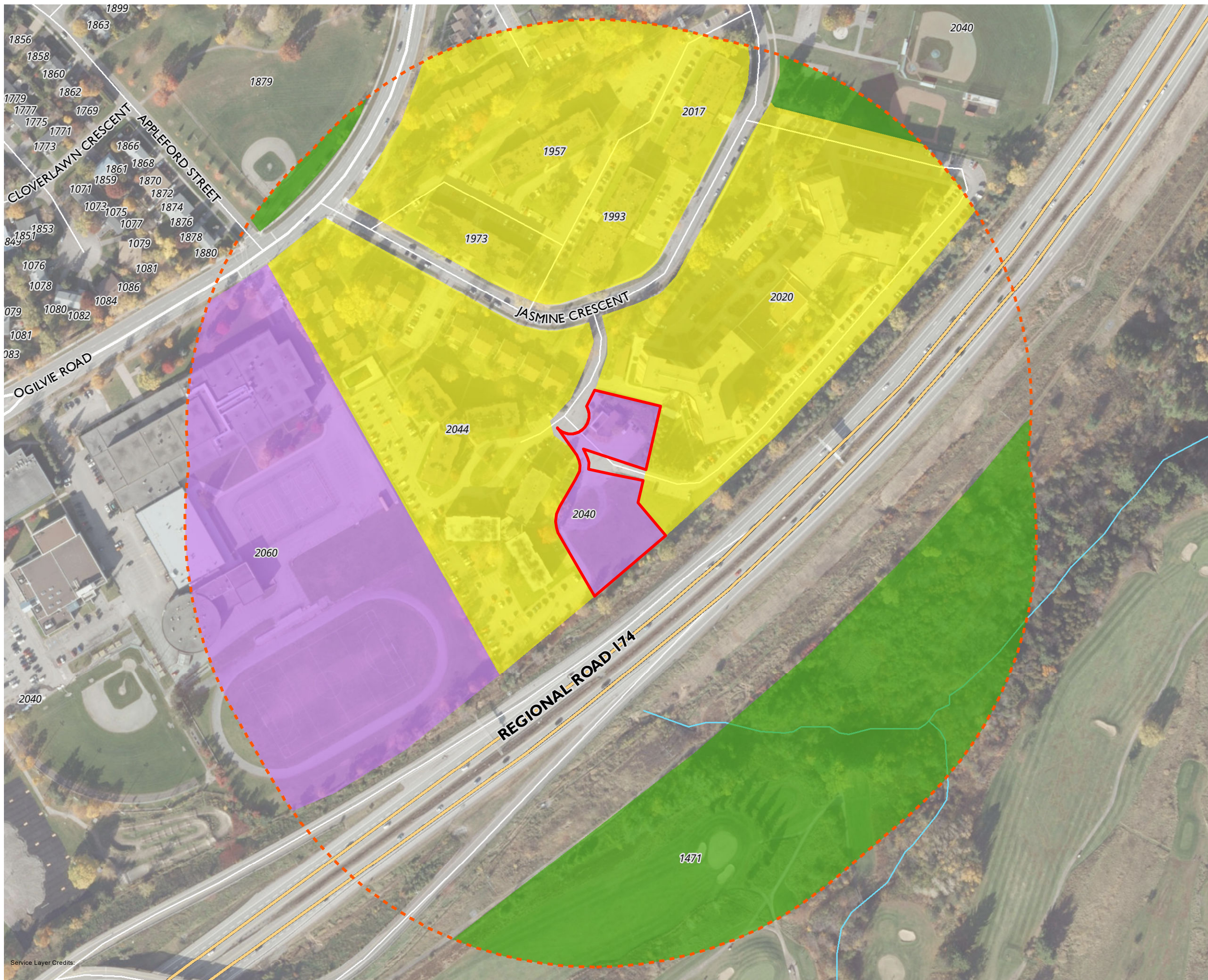
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DATA PROVIDED BY MNRF, CITY OF OTTAWA

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MAP CHECKED BY: BT/ MM  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 21-2357  
STATUS: DRAFT  
DATE: 2021-10-07

Service Layer Credits:

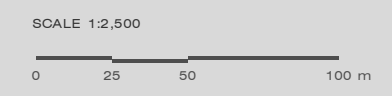


**2040 ARROWSMITH DRIVE,  
OTTAWA, ON**  
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**SURROUNDING LAND USE**  
FIGURE 3

- Phase One Property
- Phase One Study Area
- 2040 Street Number
- Freeway
- Major Road
- Local Road
- Watercourse
- Provincial Boundary
- Surrounding Land Use**
- Institutional
- Leisure
- Residential

Note: Site features are approximate



MAP DRAWING INFORMATION:  
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MAP CREATED BY: LK  
MAP CHECKED BY: BT/MM  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 21-2357  
STATUS: DRAFT  
DATE: 2021-10-07



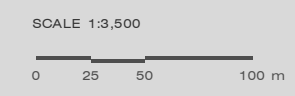
## 2040 ARROWSMITH DRIVE, OTTAWA, ON

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

### NATURAL FEATURES AND WATER WELLS FIGURE 4

- Phase One Property
- Phase One Study Area
- Freeway
- Major Road
- Local Road
- Ramp
- + Water Well (MECP)
- Watercourse (MNRF)
- 5m Contour (MNRF)
- Wooded Area (MNRF)
- ANSI, Life Science (MNRF)
- Unevaluated Wetland (MNRF)

Note: Site features are approximate



MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNRF, CITY OF OTTAWA, MECP

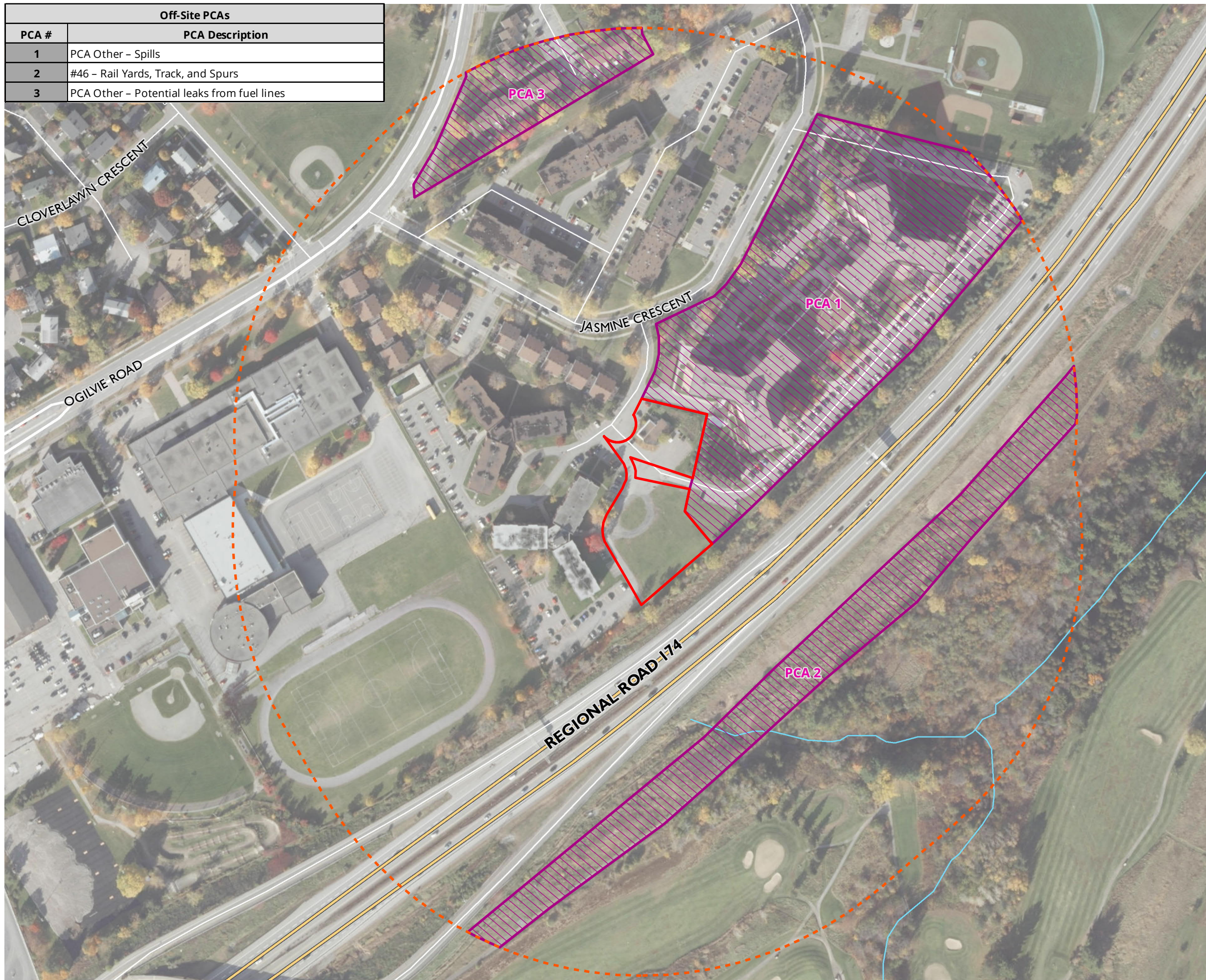
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PROJECT: 21-2357  
STATUS: DRAFT  
DATE: 2021-10-07










Off-Site PCAs	
PCA #	PCA Description
1	PCA Other - Spills
2	#46 - Rail Yards, Track, and Spurs
3	PCA Other - Potential leaks from fuel lines



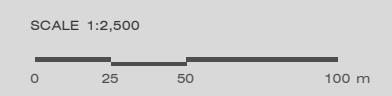
## 2040 ARROWSMITH DRIVE, OTTAWA, ON

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

### POTENTIALLY CONTAMINATING ACTIVITIES FIGURE 5

-  Phase One Property
-  Phase One Study Area
-  Freeway
-  Major Road
-  Local Road
-  Watercourse
-  Potentially Contaminating Activities

Note: Site features are approximate



MAP DRAWING INFORMATION:  
DATA PROVIDED BY MNR, CITY OF OTTAWA

MAP CREATED BY: LK  
MAP CHECKED BY: BT/ MM  
MAP PROJECTION: NAD 1983 UTM Zone 18N



PROJECT: 21-2357  
STATUS: DRAFT  
DATE: 2021-10-07

# Appendix A

## *Regulatory Correspondence*

Thomas, Breagh &lt;bthomas@dillon.ca&gt;



## TSSA Records for 2040 Arrowsmith Drive, Ottawa, ON

Public Information Services <publicinformationsservices@tssa.org>  
 To: "Thomas, Breagh" <bthomas@dillon.ca>

Fri, Aug 6, 2021 at 5:16 PM

**Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.**

### NO RECORD FOUND

Hello Breagh,

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) along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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,

Mariah

### Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



[tssa.org](http://tssa.org)>

**Subject:** TSSA Records for 2040 Arrowsmith Drive, Ottawa, ON

**From:** Thomas, Breagh  
 <[bthomas@dillon.ca](mailto:bthomas@dillon.ca)>  
**Sent:** August 6, 2021 4:08 PM  
**To:** Public Information Services  
 <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>

**[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,

I am reaching out to inquire if you possess any records in your database for 2040 Arrowsmith Drive, Ottawa, Ontario.

If there are any records associated with this property, I ask that you please provide me with a quote to obtain them.

Thank you and great a great day!

Breagh Thomas

--

**Breagh Thomas**  
**Dillon Consulting Limited**  
177 Colonnade Rd South Suite 101  
Ottawa, Ontario, K2E 7J4  
T - 613.745.2213 ext. 3038  
F - 613.745.3491  
M - 613.854.9135  
[BThomas@dillon.ca](mailto:BThomas@dillon.ca)  
[www.dillon.ca](http://www.dillon.ca)

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**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



August 25, 2021

Breagh Thomas  
Dillon Consulting Limited  
177 Collonade Road, Unit 101  
Nepean, ON K2E 7J4

Dear Breagh Thomas:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2021-04957, Your Reference 21-2357**

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee).

**The search will be conducted on the following: 2040 Arrowsmith Drive, Ottawa. If there is any discrepancy please contact us immediately.**

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

This is to advise you, we've gone digital! Requests submitted by fax will no longer be accepted starting August 31, 2021. If you submitted requests by fax before August 31, 2021, we'll process it. Please don't re-submit it using the online form or you might get charged twice. The online form can be found on the central forms repository at the following link

<https://www.sus.gov.on.ca/lc/content/mgcs/profiles/default.html?contentRoot=repository:///Applications/012-2146/1.0/Assets&template=012-2146E.xdp&submitUrl=https://localhost:8443/rest/services/012-2146/Processes/SubmitForm&lang=E&submitServiceProxy=https://www.sus.gov.on.ca/sub-proxy/all>.

If you have any questions regarding this matter, please contact Nasreen Salar at or [nasreen.salar@ontario.ca](mailto:nasreen.salar@ontario.ca).

Yours truly,

Original signed by

Noel Kent  
Manager, Access and Privacy

**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  
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**Ministère de l'Environnement, de  
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<https://www.sus.gov.on.ca/lc/content/mgcs/profiles/default.html?contentRoot=repository:///Applications/012-2146/1.0/Assets&template=012-2146E.xdp&submitUrl=https://localhost:8443/rest/services/012-2146/Processes/SubmitForm&lang=E&submitServiceProxy=https://www.sus.gov.on.ca/sub-proxy/all>.

If you have any questions regarding this matter, please contact Nasreen Salar at or [nasreen.salar@ontario.ca](mailto:nasreen.salar@ontario.ca).

Yours truly,

Original signed by

Noel Kent  
Manager, Access and Privacy

## Ministry of the Environment, Conservation and Parks

### Freedom of Information Request for Property Information

#### Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (\*) are mandatory.

**Are you: \***

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

#### Section 1 – Description of Records Requested

##### Time Period for Records Requested

From (yyyy/mm/dd) \*

1900/01/01

To (yyyy/mm/dd) \*

2021/08/24

##### Type of Record(s) \*

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:  
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:  
[https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc\\_search?request\\_locale=en](https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en)

Other Specific Document(s)

##### Type of Approval/Registration \*

- Drinking Water Licenses



Thomas, Breagh &lt;bthomas@dillon.ca&gt;

## TSSA Records for 2040 Arrowsmith Drive, Ottawa, ON

Public Information Services <publicinformationsservices@tssa.org>  
 To: "Thomas, Breagh" <bthomas@dillon.ca>

Fri, Aug 6, 2021 at 5:16 PM

**Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.**

### NO RECORD FOUND

Hello Breagh,

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) along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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,

Mariah

### Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)[www.tssa.org](http://www.tssa.org)

**From:** Thomas, Breagh  
 <[bthomas@dillon.ca](mailto:bthomas@dillon.ca)>  
**Sent:** August 6, 2021 4:08 PM  
**To:** Public Information Services  
 <[publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)>

[tssa.org](http://tssa.org)>**Subject:** TSSA Records for 2040 Arrowsmith Drive, Ottawa, ON

**[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,

I am reaching out to inquire if you possess any records in your database for 2040 Arrowsmith Drive, Ottawa, Ontario.



# Appendix B

## *Phase One ESA Supporting Documents*

**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



---

CITY  
**DIRECTORY**

Project Property: 2040 Arrowsmith Drive, Gloucester, ON  
Report Type: City Directory  
Order No: 21072901384  
Information Source: Vernon's Ottawa, Ontario City Directory  
Date Completed: 20/08/2021

\*\* Note addendum regarding documentation results. \*\*

City Directory Information Source
Vernon's Ottawa, Ontario City Directory

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 2010	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 2004/ 05	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1999/ 2000	

Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1994/ 95	
Site Listing:	-Address Not Listed
Adjacent Properties:	

Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1990	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential

Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1984	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible

Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1974	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius



PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1969	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Multi-Tenant Residential
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Multi-Tenant Residential
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON

Year: 1964	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Address Not Listed
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Address Not Listed
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

PROJECT NUMBER: 21072901384	
Site Address:	2040 Arrowsmith Drive, Gloucester, ON
Year: 1959	
Site Listing:	-Address Not Listed

Adjacent Properties:	
Arrowsmith Drive (All) (No radius coverage. Individually available addresses indicated.)	2000 – Address Not Listed 2044 – Address Not Listed
Jasmine Crescent (All) (No radius coverage. Individually available addresses indicated.)	1958 – Address Not Listed
Ogilvie Road (2060-2090) (Missing All)	-Information Inaccessible
Sutton Place (All) (Missing All)	-Information Inaccessible
ON-174	-No Listings Within Requested Radius

\*\* Due to unforeseen circumstances resulting from the Covid-19 pandemic of 2020, access to information sources has been prohibited. While all additional measures were undertaken in order to provide accurate information where possible, some project searches yielded no results.\*\*

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

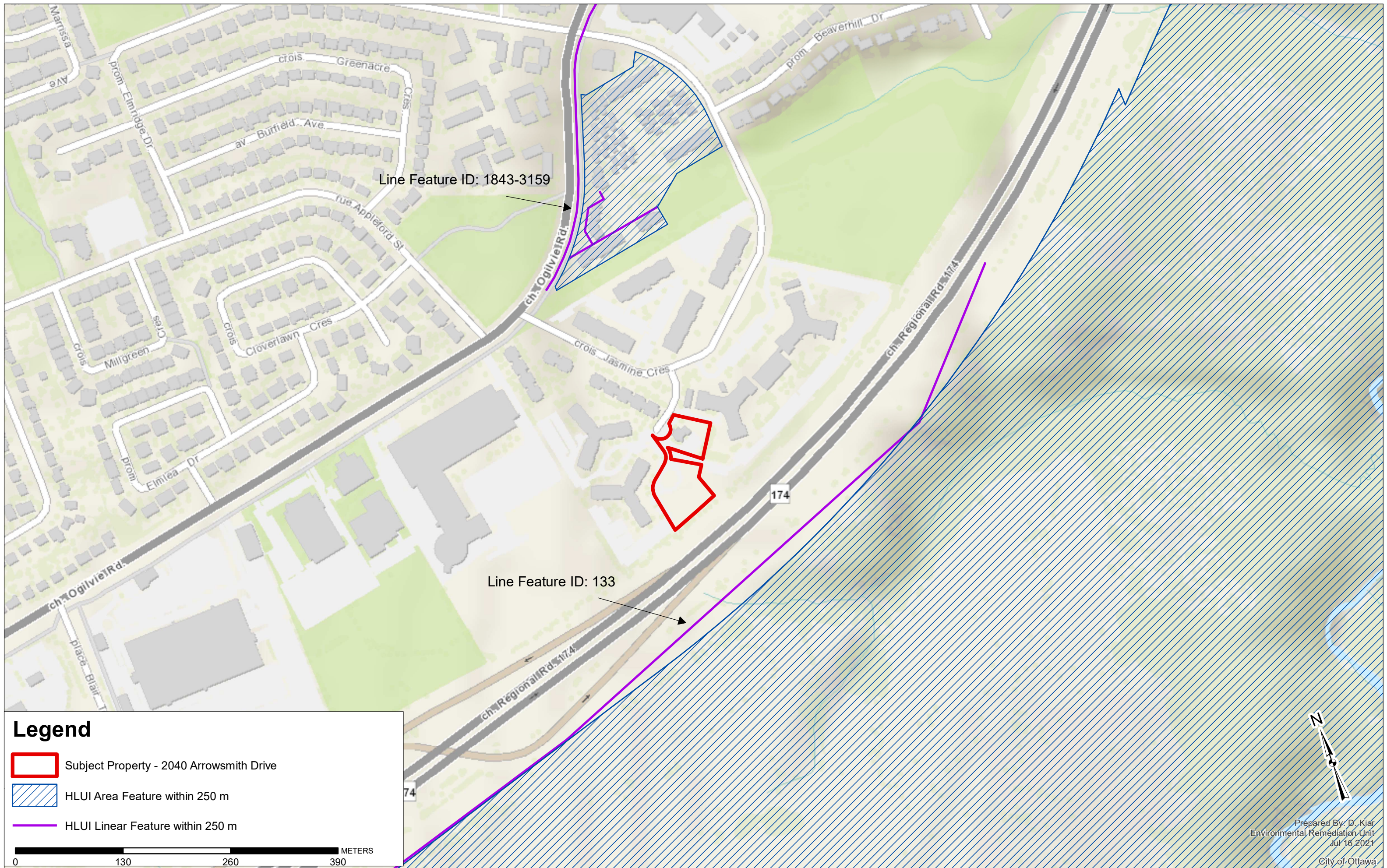
-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
12264	CANADIAN GOVERNMENT	Other Chemical Products Industries	1867-1967-Blackburn-GlenOgilvieCentennialHistory-MrsAnnaElliott	1	1885-1901	c. 1885-1901	0				GLOUCESTER	1471	BLAIR	RD		K1B4S3	47460655	GLOUCESTER	325520; 325910; 325920; 911110	379; 811	- property located Lot 17 & S. 1/2 of 16, Conn. 2, on the bank of Green's Creek - factory blew up in August 1901		8320.175736	3605056.359
12265	NATIONAL CAPITAL COMMISSION		2016-PID	1	2016	PID2016	16	TAUVETTE	ST		OTTAWA	1471	BLAIR	RD		K1B4S3	47460655	GLOUCESTER	<Null>		;		8320.175736	3605056.359
12572	CEMETARY	Cemetary	1906-Topo; 1957-Topo	2	1906-1957	1906, 1957 Topographic Map						2049	JASMINE	CRES		K1J7W2	150220000	GLOUCESTER			RESIDENTIAL		787.1817227	27858.4456




HLUI SUMMARY REPORT  
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
133	1941-Topographic Map	Abandoned Railway				6303.69746

# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



## Legend

-  Subject Property - 2040 Arrowsmith Drive
-  HLUI Area Feature within 250 m
-  HLUI Linear Feature within 250 m

0 130 260 390 METERS



attn: Eleanor Goslat

①

ENVIRONMENTAL SEARCH #20121031005

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	Dec 1 1802	Crown	Allan McDonell
R0773	Deed	June 26 1809	Allan McDonell	Malcolm McMartin
R0500	Deed	Apr 11 1822	Malcolm McMartin	Berick Ostrom
R02911	Sheriff's Sale	Aug 7 1839	Sheriff Treadwell	George Hamilton Charles A. You
R02282	Quit Claim Deed	June 10 1844	Charles A. You	Susannah C. Hamilton
R04171	Deed	Apr 26 1849	Susannah C. Hamilton	Robert Hamilton George Hamilton John Hamilton
R014451	Deed	July 29 1859	Mrs. J. Hamilton	Robert Hamilton John Hamilton
R026819	Deed	Jan 23 1867	Robert Hamilton John Hamilton	Nicholas Hopkins

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
GR 9204	Will	Dec 24 1889	Nicholas Hopkins	Robert Hopkins
GL 59597	Deed	May 28 1958	Robert A. Hopkins (Heir)	Shenkman Properties Limited
LT 202674	Deed	Feb 23 1979	Shenkman Corporation Ltd.	The Corporation of the Township of Gloucester
<p>* Note - effective Jan 1, 2001, the City of Gloucester was amalgamated into the City of Ottawa.</p>				
<p>* Legal Description is: Part of Block O, Plan 848, being Parts 3, 4 &amp; 5, Plan 4R-3008, formerly City of Gloucester, City of Ottawa. PIN 04363-0027.</p>				
<p>Nov 7/12.</p>				





# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

Sunita

Site Address:

2040 Arrowsmith Drive City of Ottawa Gloucester

Project No:

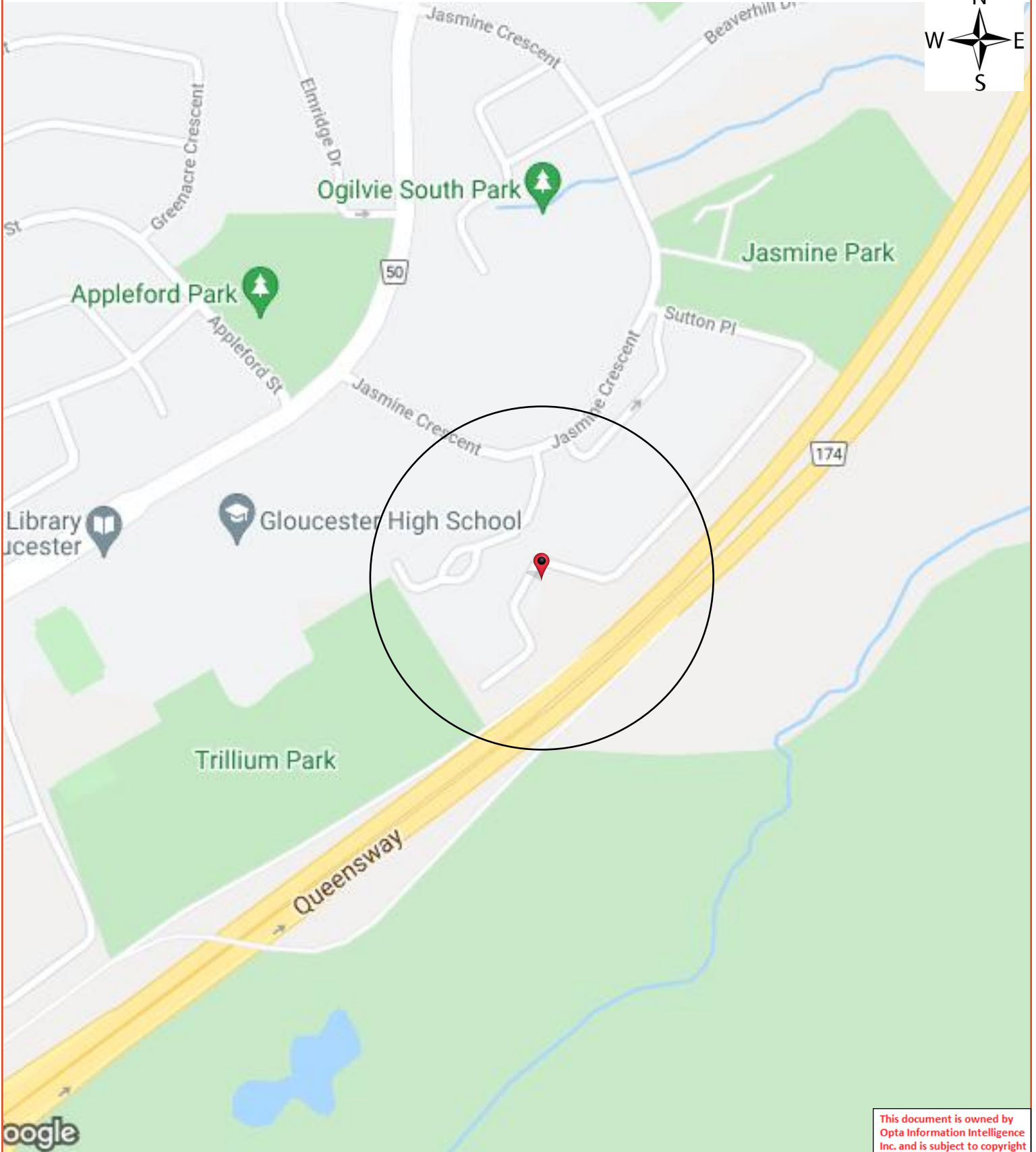
21072901384

Opta Order ID:

94090

Requested by:  
Eleanor Goolab  
ERIS

Date Completed:  
8/9/2021 2:15:46 PM





# Opta Historical Environmental Services Enviroscan <sup>TM</sup> Terms and Conditions

## Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

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## Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

## Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

## Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



175 Commerce Valley Drive W  
Markham, Ontario  
L3T 7Z3

T: 905.882.6300  
Toll Free: 905.882.6300  
F: 905.882.6300

An SCM Company  
[www.optaintel.ca](http://www.optaintel.ca)

**Page: 4**

Project Name: Arrowsmith Drive  
P1ESA

Project #: 21072901384  
P.O. #: 212357

**ENVIROSCAN Report**

**No Records Found**

**Requested by:**  
Eleanor Goolab

Date Completed: 08/09/2021 14:15:46



OPTA INFORMATION INTELLIGENCE

**No Records Found**

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# Appendix C

## *ERIS Report*



---

# DATABASE REPORT

**Project Property:** *Arrowsmith Drive P1ESA  
2040 Arrowsmith Drive  
Gloucester ON K1J 8V9  
21-2357*

**Project No:** *21-2357*

**Report Type:** *RSC Report (Urban)*

**Order No:** *21072901384*

**Requested by:** *Dillon Consulting Limited*

**Date Completed:** *August 6, 2021*

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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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# Executive Summary

## **Property Information:**

**Project Property:** *Arrowsmith Drive P1ESA  
2040 Arrowsmith Drive Gloucester ON K1J 8V9*

**Project No:** *21-2357*

## **Order Information:**

**Order No:** *21072901384*  
**Date Requested:** *July 29, 2021*  
**Requested by:** *Dillon Consulting Limited*  
**Report Type:** *RSC Report (Urban)*

## **Historical/Products:**

**Aerial Photographs** *Aerials - National Collection*  
**City Directory Search** *CD - Subject Site plus 250m Radius*  
**Insurance Products** *Fire Insurance Maps/Inspection Reports/Site Plans*  
**Land Title Search** *Historical Land Title Search*  
**Land Title Search** *Current Land Title Search*  
**Topographic Map** *RSC Maps*



## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</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	1	4	5
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	3	3
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	2	1	3
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	18	18
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
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
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	0	0
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	0	0
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	6	6
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	1	1
<b>Total:</b>			3	35	38

## 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		2040 Arrowsmith Drive Ottawa ON K1J 8V9	SW/0.0	-1.05	<a href="#">18</a>
<a href="#">1</a>	EHS		2040 Arrowsmith Dr Ottawa ON K1J 8V9	SW/0.0	-1.05	<a href="#">18</a>
<a href="#">2</a>	BORE		ON	S/0.0	-1.05	<a href="#">18</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/5.4	0.69	<a href="#">20</a>
<a href="#">4</a>	BORE		ON	WNW/82.4	-2.13	<a href="#">21</a>
<a href="#">5</a>	SPL	Kiewit Eurovia Vinci	RR 174 between Blair and Montreal Interchanges Ottawa ON	SSE/86.3	-2.07	<a href="#">22</a>
<a href="#">6</a>	WWIS		ON <b>Well ID:</b> 7211633	S/98.2	-2.00	<a href="#">23</a>
<a href="#">7</a>	SPL		2020 Jasmine Cres<UNOFFICIAL> Ottawa ON	NE/111.8	0.02	<a href="#">24</a>
<a href="#">7</a>	HINC		2020 JASMINE CRESCENT OTTAWA ON	NE/111.8	0.02	<a href="#">24</a>
<a href="#">7</a>	HINC		2020 JASMINE CRESCENT OTTAWA ON	NE/111.8	0.02	<a href="#">25</a>
<a href="#">8</a>	EHS		1957, 1973,1993 And 2017 Jasmine Cres Ottawa ON	NW/135.2	-0.39	<a href="#">25</a>
<a href="#">8</a>	GEN	Ogilvie Gardens	1973 Jasmine Crescent Ottawa ON	NW/135.2	-0.39	<a href="#">25</a>
<a href="#">9</a>	SPL	Kiewit Eurovia Vinci	off of Ottawa 174 Ottawa ON	E/140.7	-0.08	<a href="#">25</a>
<a href="#">10</a>	EASR	CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE CRES GLOUCESTER ON K1J 8K4	NE/153.4	-1.08	<a href="#">26</a>
<a href="#">10</a>	EASR	CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE CRES GLOUCESTER ON K1J 8K4	NE/153.4	-1.08	<a href="#">26</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">10</a>	EASR	CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE STREET GLOUCESTER ON K1J 8K4	NE/153.4	-1.08	<a href="#">26</a>
<a href="#">10</a>	GEN	Carleton Condominium Corp. #25	2000 Jasmine Cr. Ottawa ON	NE/153.4	-1.08	<a href="#">27</a>
<a href="#">10</a>	GEN	Carleton Condominium Corp. #25	2000 Jasmine Cr. Ottawa ON	NE/153.4	-1.08	<a href="#">27</a>
<a href="#">11</a>	BORE		ON	ENE/153.4	-1.08	<a href="#">27</a>
<a href="#">12</a>	SPL		Jasmine Cr at Ogilvie Dr Ottawa ON	NW/187.9	-2.89	<a href="#">30</a>
<a href="#">13</a>	SPL	OTTAWA-CARLETON, R.M. OF	ON OGILVIE RD WESTBOUND LANE, WEST OF APPLEFORD/INFRONT GLOUCESTER H. SCHOOL. MOTOR VEHICLE (OPERATING FLUID) GLOUCESTER CITY ON	WNW/230.1	2.95	<a href="#">30</a>
<a href="#">14</a>	BORE		ON	NE/237.6	-1.03	<a href="#">31</a>
<a href="#">15</a>	GEN	CARLETON BOARD OF EDUCATION	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">32</a>
<a href="#">15</a>	GEN	CARLETON BOARD OF EDUCATION 07-621	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">33</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">33</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">34</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">35</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">35</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">36</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON	W/263.6	2.86	<a href="#">37</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">38</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">39</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">40</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">41</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">42</a>
<a href="#">15</a>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	W/263.6	2.86	<a href="#">43</a>
<a href="#">16</a>	SPL	Kiewit Eurovia Vinci; City of Ottawa	Ottawa ON	SSW/264.2	-0.08	<a href="#">45</a>
<a href="#">17</a>	GEN	East Coast Environmental	1086 Cloverlawn Ct. Ottawa ON K1J 6V8	WNW/299.6	3.92	<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 5 BORE site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	0.0	<a href="#"><u>2</u></a>
	ON	5.4	<a href="#"><u>3</u></a>
	ON	82.4	<a href="#"><u>4</u></a>
	ON	153.4	<a href="#"><u>11</u></a>
	ON	237.6	<a href="#"><u>14</u></a>

## **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011- Jun 30, 2021 has found that there are 3 EASR site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE CRES GLOUCESTER ON K1J 8K4	153.4	<a href="#"><u>10</u></a>
CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE STREET GLOUCESTER ON K1J 8K4	153.4	<a href="#"><u>10</u></a>
CARLETON CONDOMINIUM CORPORATION NO. 25	2000 JASMINE CRES GLOUCESTER ON K1J 8K4	153.4	<a href="#"><u>10</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 3 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2040 Arrowsmith Drive Ottawa ON K1J 8V9	0.0	<a href="#"><u>1</u></a>
	2040 Arrowsmith Dr Ottawa ON K1J 8V9	0.0	<a href="#"><u>1</u></a>
	1957, 1973,1993 And 2017 Jasmine Cres Ottawa ON	135.2	<a href="#"><u>8</u></a>

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

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 18 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ogilvie Gardens	1973 Jasmine Crescent Ottawa ON	135.2	<a href="#"><u>8</u></a>
Carleton Condominium Corp. #25	2000 Jasmine Cr. Ottawa ON	153.4	<a href="#"><u>10</u></a>
Carleton Condominium Corp. #25	2000 Jasmine Cr. Ottawa ON	153.4	<a href="#"><u>10</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>



<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
CARLETON BOARD OF EDUCATION	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
CARLETON BOARD OF EDUCATION 07-621	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	263.6	<a href="#"><u>15</u></a>
East Coast Environmental	1086 Cloverlawn Ct. Ottawa ON K1J 6V8	299.6	<a href="#"><u>17</u></a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 2 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2020 JASMINE CRESCENT OTTAWA ON	111.8	<a href="#"><u>7</u></a>
	2020 JASMINE CRESCENT OTTAWA ON	111.8	<a href="#"><u>7</u></a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Aug 2020 has found that there are 6 SPL site(s) within approximately 0.30 kilometers of the project property.

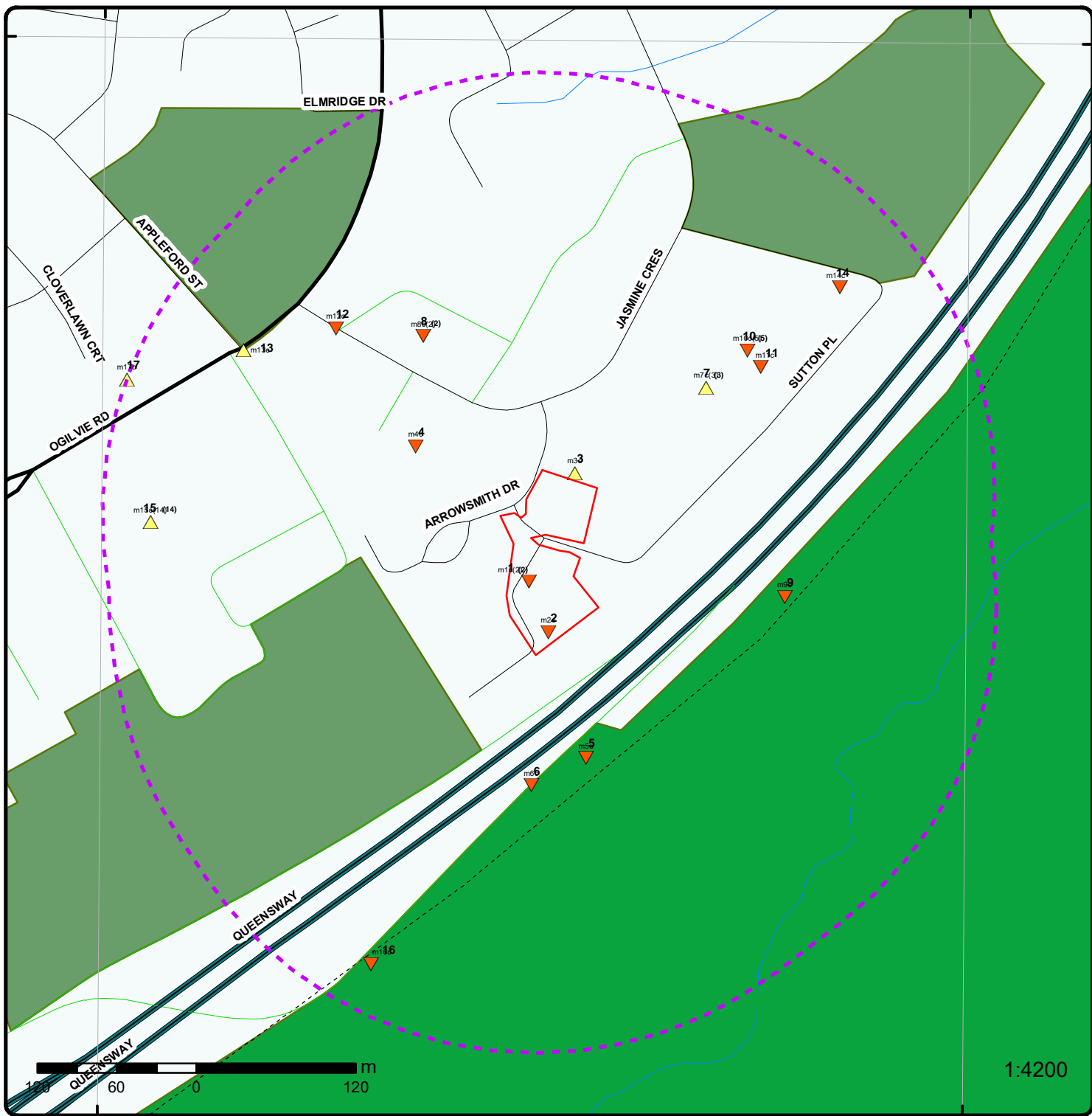
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kiewit Eurovia Vinci	RR 174 between Blair and Montreal Interchanges Ottawa ON	86.3	<a href="#"><u>5</u></a>
	2020 Jasmine Cres<UNOFFICIAL> Ottawa ON	111.8	<a href="#"><u>7</u></a>
Kiewit Eurovia Vinci	off of Ottawa 174 Ottawa ON	140.7	<a href="#"><u>9</u></a>
	Jasmine Cr at Ogilvie Dr Ottawa ON	187.9	<a href="#"><u>12</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON, R.M. OF	ON OGILVIE RD WESTBOUND LANE, WEST OF APPLEFORD/INFRONT GLOUCESTER H. SCHOOL. MOTOR VEHICLE (OPERATING FLUID) GLOUCESTER CITY ON	230.1	<a href="#">13</a>
Kiewit Eurovia Vinci; City of Ottawa	Ottawa ON	264.2	<a href="#">16</a>

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

A search of the WWIS database, dated Apr 30, 2021 has found that there are 1 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON  <i>Well ID: 7211633</i>	98.2	<a href="#">6</a>



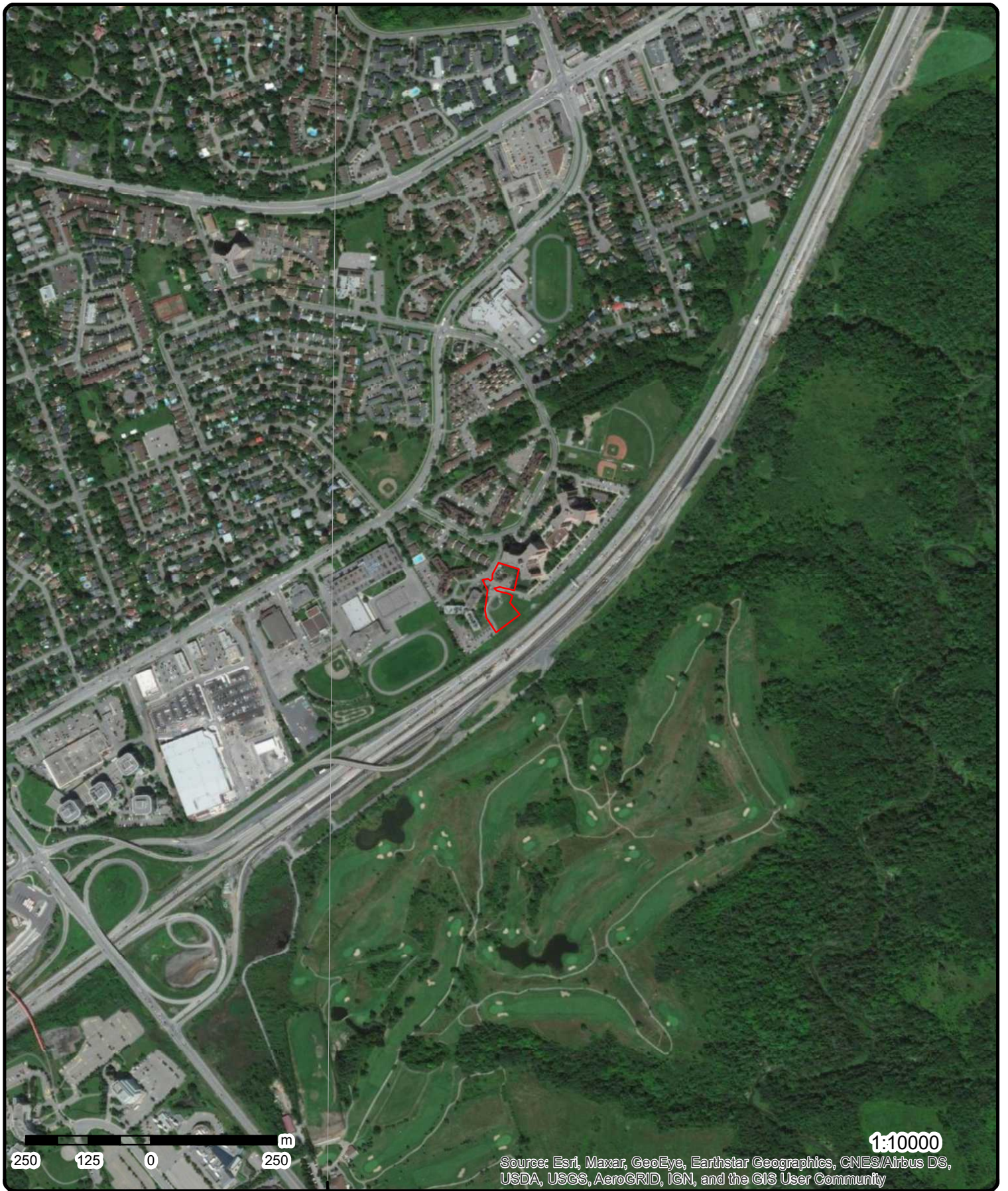
### Map: 0.3 Kilometer Radius

Order Number: 21072901384

Address: 2040 Arrowsmith Drive, Gloucester, 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		



**Aerial** Year: 2020

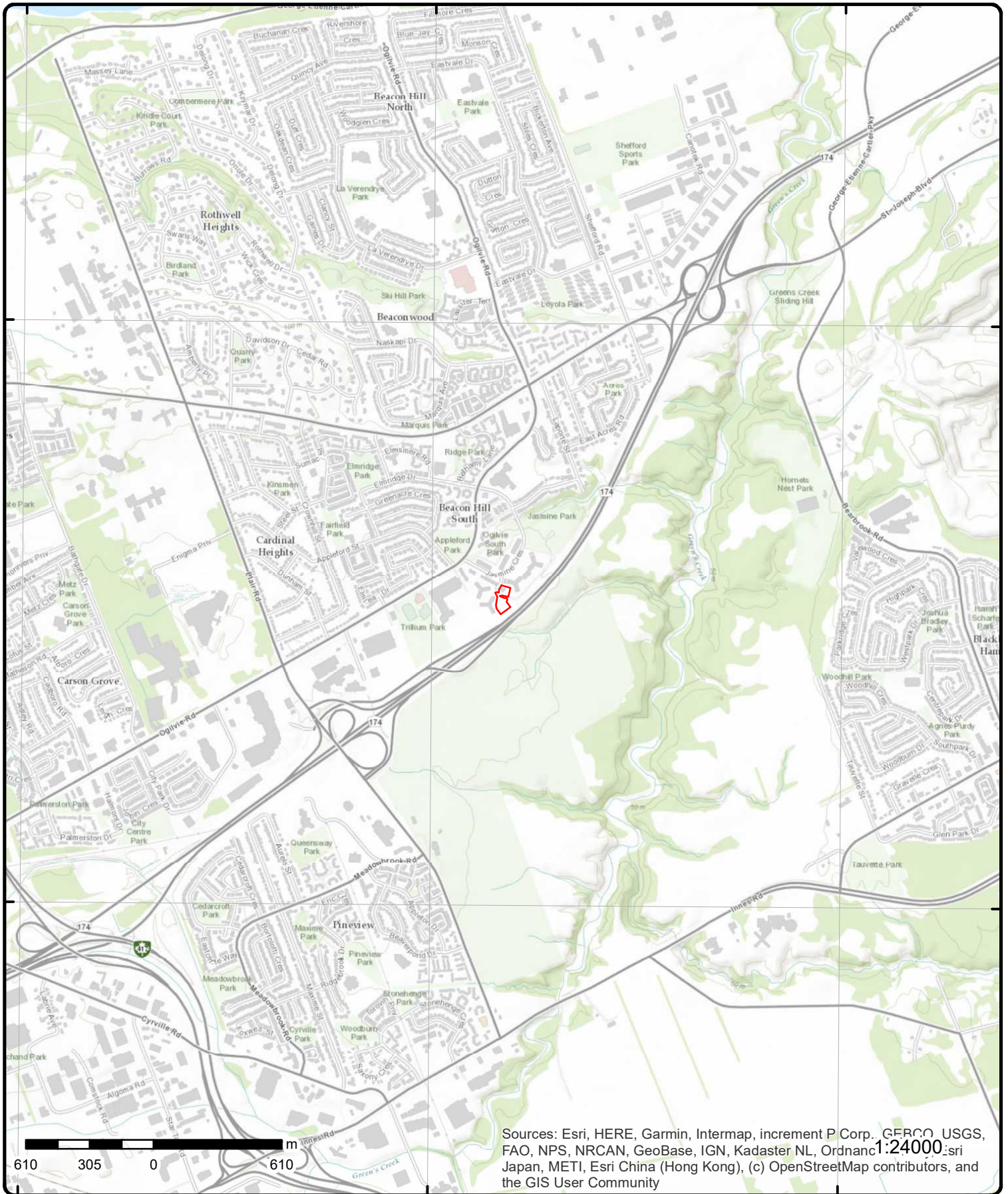
Order Number: 21072901384

**Address: 2040 Arrowsmith Drive, Gloucester, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership



# Topographic Map

Address: 2040 Arrowsmith Drive, ON

Source: ESRI World Topographic Map

Order Number: 21072901384



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p><b>Order No:</b> 20041202024  <b>Status:</b> C  <b>Report Type:</b> Basic Report  <b>Report Date:</b> 12/13/04  <b>Date Received:</b> 12/2/04  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b>  <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans</p>	1 of 2	SW/0.0	70.9 / -1.05	2040 Arrowsmith Drive Ottawa ON K1J 8V9	EHS
<p><u>1</u></p> <p><b>Order No:</b> 20121031005  <b>Status:</b> C  <b>Report Type:</b> RSC Report (Urban)  <b>Report Date:</b> 08-NOV-12  <b>Date Received:</b> 31-OCT-12  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b> 1760 m2 approx.  <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; City Directory</p>	2 of 2	SW/0.0	70.9 / -1.05	2040 Arrowsmith Dr Ottawa ON K1J 8V9	EHS
<p><u>2</u></p> <p><b>Borehole ID:</b> 615146  <b>OGF ID:</b> 215516088  <b>Status:</b>  <b>Type:</b> Borehole  <b>Use:</b>  <b>Completion Date:</b> SEP-1970  <b>Static Water Level:</b>  <b>Primary Water Use:</b>  <b>Sec. Water Use:</b>  <b>Total Depth m:</b> 3.8  <b>Depth Ref:</b> Ground Surface  <b>Depth Elev:</b>  <b>Drill Method:</b>  <b>Orig Ground Elev m:</b> 71.3  <b>Elev Reliabil Note:</b>  <b>DEM Ground Elev m:</b> 71.9  <b>Concession:</b>  <b>Location D:</b>  <b>Survey D:</b>  <b>Comments:</b></p> <p><b>Borehole Geology Stratum</b></p> <p><b>Geology Stratum ID:</b> 218400599</p>	1 of 1	S/0.0	70.9 / -1.05	ON	BORE
<p><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>  <b>Lot:</b>  <b>Township:</b>  <b>Latitude DD:</b> 45.43765  <b>Longitude DD:</b> -75.595672  <b>UTM Zone:</b> 18  <b>Easting:</b> 453411  <b>Northing:</b> 5031742  <b>Location Accuracy:</b>  <b>Accuracy:</b> Not Applicable</p>					
<p><b>Mat Consistency:</b> Loose</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.8			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<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. LOOSE.			
<b>Geology Stratum ID:</b>	218400600			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>		CLAY. BROWN,GREY,VERY STIFF,HARD, FISSURED.			
<b>Geology Stratum ID:</b>	218400598			<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>	218400601			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	2.3			<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>	Clay			<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>		CLAY. GREY,SOFT TO STIFF,FISSURED. 00010 005 00025 048 00075 062 00010009NE. DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<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: OTTAWA2.txt RecordID: 076540 NTS_Sheet: 31G05H			
<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			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 1	NNE/5.4	72.7 / 0.69	ON	BORE
<b>Borehole ID:</b>	615152			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215516094			<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-1970			<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>	45.438732
<b>Total Depth m:</b>	3.8			<b>Longitude DD:</b>	-75.595428
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	453431
<b>Drill Method:</b>				<b>Northing:</b>	5031862
<b>Orig Ground Elev m:</b>	71.4			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	73.2				
<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>	218400615			<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>	218400617			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. BROWN,GREY,HARD,VERY STIFF, FISSURED.				
<b>Geology Stratum ID:</b>	218400616			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.6			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<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. DENSE.				
<b>Geology Stratum ID:</b>	218400618			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	3			<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>	Clay			<b>Geologic Formation:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Silt			<b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
					CLAY. GREY,SOFT TO STIFF. 00010 005 00020 045 00100 041 000100120010009NE. DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.

#### 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: OTTAWA2.txt RecordID: 076600 NTS_Sheet: 31G05H		
<b>Confiden 1:</b>	Logged by professional. Exact and complete Site 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		

4 1 of 1 WNW/82.4 69.8 / -2.13 ON BORE

<b>Borehole ID:</b>	615154	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215516096	<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-1970	<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>	45.438904
<b>Total Depth m:</b>	3.8	<b>Longitude DD:</b>	-75.596964
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	18
<b>Depth Elev:</b>		<b>Easting:</b>	453311
<b>Drill Method:</b>		<b>Northing:</b>	5031882
<b>Orig Ground Elev m:</b>	72.3	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	73.7		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

#### Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218400624	<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	3.4	<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>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Stratum Description:** CLAY, GREY,VERY STIFF TO STIFF. 00010 042 00075 045 009NE. DENSE. 00000 008 000 \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

<b>Geology Stratum ID:</b>	218400621	<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>	218400623	<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	2.3	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.4	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<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>	CLAY, BROWN,GREY,STIFF,FISSURED.		

<b>Geology Stratum ID:</b>	218400622	<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	.3	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.3	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<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>	CLAY, BROWN,GREY,HARD,VERY STIFF, FISSURED.		

**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: OTTAWA2.txt RecordID: 076620 NTS_Sheet: 31G05H		
<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		

<u>5</u>	1 of 1	SSE/86.3	69.9 / -2.07	Kiewit Eurovia Vinci RR 174 between Blair and Montreal Interchanges Ottawa ON	SPL
<b>Ref No:</b>	0272-BLHGX7	<b>Discharger Report:</b>			
<b>Site No:</b>	NA	<b>Material Group:</b>			
<b>Incident Dt:</b>	2020/02/05	<b>Health/Env Conseq:</b>	2 - Minor Environment		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Communal
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL			<b>Site Address:</b>	RR 174 between Blair and Montreal Interchanges
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1202			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5031647.54
<b>MOE Response:</b>	No			<b>Easting:</b>	453439.12
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2020/02/05			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	2020/05/13			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	Container/Drum/Tote
<b>Site Name:</b>	Construction site<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Kiewit Eurovia Vinci: 250ml diesel to gravel; cleaned				
<b>Contaminant Qty:</b>	250 mL				

6

1 of 1

S/98.2

70.0 / -2.00

ON

WWIS

<b>Well ID:</b>	7211633	<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>		<b>Date Received:</b>	11/22/2013
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>		<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1844
<b>Casing Material:</b>		<b>Form Version:</b>	8
<b>Audit No:</b>	C21278	<b>Owner:</b>	
<b>Tag:</b>	A142487	<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	GLOUCESTER TOWNSHIP
<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):

Additional Detail(s) (Map)

<b>Well Completed Date:</b>	2013/06/01
<b>Year Completed:</b>	2013
<b>Depth (m):</b>	
<b>Latitude:</b>	45.4366123295173
<b>Longitude:</b>	-75.5958238002541
<b>Path:</b>	

Bore Hole Information

<b>Bore Hole ID:</b>	1004647028	<b>Elevation:</b>	72.603904
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>				<b>East83:</b>	453398.00
<b>Code OB Desc:</b>				<b>North83:</b>	5031627.00
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	01-Jun-2013 00:00:00			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<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>					

<u>7</u>	1 of 3	NE/111.8	72.0 / 0.02	2020 Jasmine Cres<UNOFFICIAL> Ottawa ON	SPL
<b>Ref No:</b>	3721-76SSSD			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Oil
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DiesEL FUEL			<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>	Possible			<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>	Soil Contamination, Surface Water Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Land & Water			<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>	9/6/2007			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	2020 Jasmine Cres<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Leaking generator reserve tank				
<b>Contaminant Qty:</b>	337 L				

<u>7</u>	2 of 3	NE/111.8	72.0 / 0.02	2020 JASMINE CRESCENT OTTAWA ON	HINC
<b>External File Num:</b>	FS INC 0709-04991				
<b>Fuel Occurrence Type:</b>	Leak				
<b>Date of Occurrence:</b>	9/3/2007				
<b>Fuel Type Involved:</b>	Fuel Oil				
<b>Status Desc:</b>	Complete				
<b>Job Type Desc:</b>	Incident/Near-Miss Occurrence (FS)				
<b>Oper. Type Involved:</b>	Private Dwelling				
<b>Service Interruptions:</b>	No				
<b>Property Damage:</b>	No				
<b>Fuel Life Cycle Stage:</b>	Utilization				
<b>Root Cause:</b>					
<b>Reported Details:</b>	Carleton Residences				
<b>Fuel Category:</b>	Liquid Fuel				
<b>Occurrence Type:</b>	Incident				
<b>Affiliation:</b>	Member of the General Public				
<b>County Name:</b>	Ottawa				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:</p>					
<a href="#">7</a>	3 of 3	NE/111.8	72.0 / 0.02	2020 JASMINE CRESCENT OTTAWA ON	HINC
<p>External File Num: FS INC 0709-05131 Fuel Occurrence Type: Leak Date of Occurrence: 9/6/2007 Fuel Type Involved: Diesel Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Multi-unit Residential Service Interruptions: Yes Property Damage: Yes Fuel Life Cycle Stage: Utilization Root Cause: Root Cause: Equipment/Material/Component:Yes Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:No Reported Details: Carleton Residences Fuel Category: Liquid Fuel Occurrence Type: Incident Affiliation: Member of the General Public County Name: Ottawa Approx. Quant. Rel: 90 Nearby body of water: No Enter Drainage Syst.: Yes Approx. Quant. Unit: Gallons Environmental Impact: product has entered drain system, city is unable to trace as water is flowing too fast.</p>					
<a href="#">8</a>	1 of 2	NW/135.2	71.6 / -0.39	1957, 1973,1993 And 2017 Jasmine Cres Ottawa ON	EHS
<p>Order No: 20130412012 Status: C Report Type: Custom Report Report Date: 22-APR-13 Date Received: 12-APR-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:</p>		<p>Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: 0 Y: 0</p>			
<a href="#">8</a>	2 of 2	NW/135.2	71.6 / -0.39	Ogilvie Gardens 1973 Jasmine Crescent Ottawa ON	GEN
<p>Generator No: ON7599828 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 532310 SIC Description: General Rental Centres</p>		<p>PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:</p>			
<a href="#">9</a>	1 of 1	E/140.7	71.9 / -0.08	Kiewit Eurovia Vinci off of Ottawa 174 Ottawa ON	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<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> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	8762-BRKSFH NA 2020/07/16  Leak/Break 15 HYDRAULIC OIL  n/a  Land No  2020/07/16 2020/08/21 Equipment Failure Site<UNOFFICIAL>  KiewitEV: 15L Hydraulic oil to sand, clnd 15 L	<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> <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> <b>Source Type:</b>	2 - Minor Environment Corporation Miscellaneous Industrial  off of Ottawa 174 Ottawa  Eastern Ottawa  5031769 453589  Valve/Fitting/Piping		
<a href="#">10</a>	1 of 5	NE/153.4	70.9 / -1.08	<b>CARLETON CONDOMINIUM CORPORATION NO. 25</b> <b>2000 JASMINE CRES</b> <b>GLOUCHESTER ON K1J 8K4</b>	EASR
<b>Approval No:</b> <b>Status:</b> <b>Date:</b> <b>Record Type:</b> <b>Link Source:</b> <b>Project Type:</b> <b>Full Address:</b> <b>Approval Type:</b> <b>Full PDF Link:</b>	R-003-1109113103 REGISTERED 2012-05-04 EASR MOFA Heating System  EASR-Heating System <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1083">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1083</a>	<b>SWP Area Name:</b> <b>MOE District:</b> <b>Municipality:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	GLOUCHESTER		
<a href="#">10</a>	2 of 5	NE/153.4	70.9 / -1.08	<b>CARLETON CONDOMINIUM CORPORATION NO. 25</b> <b>2000 JASMINE CRES</b> <b>GLOUCHESTER ON K1J 8K4</b>	EASR
<b>Approval No:</b> <b>Status:</b> <b>Date:</b> <b>Record Type:</b> <b>Link Source:</b> <b>Project Type:</b> <b>Full Address:</b> <b>Approval Type:</b> <b>Full PDF Link:</b>	R-002-5109646506 REGISTERED 2012-05-04 EASR MOFA Standby Power System  EASR-Standby Power System <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1088">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1088</a>	<b>SWP Area Name:</b> <b>MOE District:</b> <b>Municipality:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	GLOUCHESTER		
<a href="#">10</a>	3 of 5	NE/153.4	70.9 / -1.08	<b>CARLETON CONDOMINIUM CORPORATION NO. 25</b> <b>2000 JASMINE STREET</b> <b>GLOUCHESTER ON K1J 8K4</b>	EASR

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Approval No:</b> R-003-8109703855  <b>Status:</b> REGISTERED  <b>Date:</b> 2012-05-04  <b>Record Type:</b> EASR  <b>Link Source:</b> MOFA  <b>Project Type:</b> Heating System  <b>Full Address:</b>  <b>Approval Type:</b> EASR-Heating System  <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1089">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=1089</a></p> <p><b>SWP Area Name:</b> Rideau Valley  <b>MOE District:</b> Ottawa  <b>Municipality:</b> GLOUCESTER  <b>Latitude:</b> 45.439144  <b>Longitude:</b> -75.59404  <b>Geometry X:</b>  <b>Geometry Y:</b></p>					
<a href="#">10</a>	4 of 5	NE/153.4	70.9 / -1.08	Carleton Condominium Corp. #25 2000 Jasmine Cr. Ottawa ON	GEN
<p><b>Generator No:</b> ON4669666  <b>Status:</b>  <b>Approval Years:</b> 2010  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b> 531112  <b>SIC Description:</b> Lessors of Social Housing Projects</p> <p><b>PO Box No:</b>  <b>Country:</b>  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b>Detail(s)</b>					
<p><b>Waste Class:</b> 243  <b>Waste Class Desc:</b> PCBS</p>					
<a href="#">10</a>	5 of 5	NE/153.4	70.9 / -1.08	Carleton Condominium Corp. #25 2000 Jasmine Cr. Ottawa ON	GEN
<p><b>Generator No:</b> ON4669666  <b>Status:</b>  <b>Approval Years:</b> 2011  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b> 531112  <b>SIC Description:</b> Lessors of Social Housing Projects</p> <p><b>PO Box No:</b>  <b>Country:</b>  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b>Detail(s)</b>					
<p><b>Waste Class:</b> 243  <b>Waste Class Desc:</b> PCBS</p>					
<a href="#">11</a>	1 of 1	ENE/153.4	70.9 / -1.08	ON	BORE
<p><b>Borehole ID:</b> 615157  <b>OGF ID:</b> 215516099  <b>Status:</b>  <b>Type:</b> Borehole  <b>Use:</b>  <b>Completion Date:</b> JUL-1971  <b>Static Water Level:</b> 6.8  <b>Primary Water Use:</b>  <b>Sec. Water Use:</b>  <b>Total Depth m:</b> 15.8  <b>Depth Ref:</b> Ground Surface  <b>Depth Elev:</b>  <b>Drill Method:</b></p> <p><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>  <b>Lot:</b>  <b>Township:</b>  <b>Latitude DD:</b> 45.439461  <b>Longitude DD:</b> -75.593645  <b>UTM Zone:</b> 18  <b>Easting:</b> 453571  <b>Northing:</b> 5031942</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>Orig Ground Elev m:</b> <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>	71 72.1			<b>Location Accuracy:</b> <b>Accuracy:</b>	Not Applicable
<b><u>Borehole Geology Stratum</u></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>	218400638 14.3 15.8  Bedrock Shale      BEDROCK. 00010 025 00025 052 00075 071 00125 073 00175 060 0001000900229000			<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>	**Note: Many records provided by the department have a truncated [Stratum Description] field.
<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>	218400632 .8 2.3 Brown Clay      CLAY. BROWN,GREY, STIFF TO VERY STIFF,FISSURED.			<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>	Stiff
<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>	218400637 12.8 14.3  Bedrock Shale      BEDROCK.			<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>	218400630 0 .3  Unknown Soil Sand      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> <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>	218400631 .3 .8  Sand Clay Shale      ARTIFICIAL.			<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>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>Geology Stratum ID:</b>	218400633			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.3			<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>	Clay			<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>	CLAY. GREY,SOFT TO STIFF,FISSURED.				
<b>Geology Stratum ID:</b>	218400636			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	12.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.8			<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>	Till			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	UNSPECIFIED. VERY DENSE, WATER STABLE AT 210.7 FEET.				
<b>Geology Stratum ID:</b>	218400634			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	3.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. GREY,SOFT TO STIFF,FISSURED.				
<b>Geology Stratum ID:</b>	218400635			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	5.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. GREY,SOFT TO STIFF.				
<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: OTTAWA2.txt RecordID: 076650 NTS_Sheet: 31G05H				
<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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">12</a>	1 of 1	NW/187.9	69.1 / -2.89	Jasmine Cr at Ogilvie Dr Ottawa ON	SPL
<b>Ref No:</b>	8083-BBJGDJ			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	4/24/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Other
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	27			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	COOLANT N.O.S.			<b>Site Address:</b>	Jasmine Cr at Ogilvie Dr
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5031971.27
<b>MOE Response:</b>	No			<b>Easting:</b>	453250.65
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	4/24/2019			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Unknown / N/A			<b>Source Type:</b>	Motor Vehicle
<b>Site Name:</b>	City of Ottawa: catch basin<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	OC Transpo: coolant from bus on road/catch basin				
<b>Contaminant Qty:</b>	15 L				

<a href="#">13</a>	1 of 1	WNW/230.1	74.9 / 2.95	OTTAWA-CARLETON, R.M. OF ON OGILVIE RD WESTBOUND LANE, WEST OF APPLEFORD/INFRONT GLOUCESTER H. SCHOOL. MOTOR VEHICLE (OPERATING FLUID) GLOUCESTER CITY ON	SPL
<b>Ref No:</b>	154343			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	4/7/1998			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	PIPE/HOSE 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>	20105
<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>	4/8/1998			<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>	OTTAWA-CARLETON R.M.- 6 LTRANSMISSION OIL ONTO RD FROM BUS HOSE, CLEANED UP				
<b>Contaminant Qty:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">14</a>	1 of 1	NE/237.6	70.9 / -1.03	ON	BORE
<b>Borehole ID:</b>	615161			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215516103			<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>	JUL-1971			<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>	45.440005
<b>Total Depth m:</b>	8.4			<b>Longitude DD:</b>	-75.592884
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	453631
<b>Drill Method:</b>				<b>Northing:</b>	5032002
<b>Orig Ground Elev m:</b>	70.3			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	71.6				
<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>	218400652			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	5.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. GREY,SOFT TO STIFF,FISSURED.				
<b>Geology Stratum ID:</b>	218400650			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. GREY,STIFF TO VERY STIFF, FISSURED.				
<b>Geology Stratum ID:</b>	218400653			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	6.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<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>	CLAY. GREY,STIFF. 00010 030 00025 063 00075 072 00175 072 00225 070 0022302 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218400651			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.3			<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
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Clay Silt			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:	218400649 .3 .8 Brown Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Hard
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218400648 0 .3 Unknown			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
<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			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 076690 NTS_Sheet: 31G05H Logged by professional. Exact and complete description of material and properties.	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
<b>15</b>	<b>1 of 14</b>	<b>W/263.6</b>	<b>74.8 / 2.86</b>	<b>CARLETON BOARD OF EDUCATION GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8</b>	<b>GEN</b>
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0051011 92,93,97 8511			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
		ELEMT./SECON. EDUC.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

<a href="#">15</a>	2 of 14	W/263.6	74.8 / 2.86	CARLETON BOARD OF EDUCATION 07-621 GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94,95,96			<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>	8511				
<b>SIC Description:</b>	ELEMT./SECON. EDUC.				

<u>Detail(s)</u>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<a href="#">15</a>	3 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	98,99,00,01,02,03,04,05,06,07,08			<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>	8511				
<b>SIC Description:</b>	ELEMT./SECON. EDUC.				

<u>Detail(s)</u>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			

<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>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

<b>15</b>	<b>4 of 14</b>	<b>W/263.6</b>	<b>74.8 / 2.86</b>	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8</b>	<b>GEN</b>
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<a href="#">15</a>	5 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	Elementary and Secondary Schools				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			

<a href="#">15</a>	6 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	



<b>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>SIC Code:</b>	611110				
<b>SIC Description:</b>		Elementary and Secondary Schools			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<b><u>15</u></b>	<b>7 of 14</b>	<b>W/263.6</b>	<b>74.8 / 2.86</b>	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8</b>	<b>GEN</b>
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<b>Generator No:</b>	ON0051011	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2012	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110		
<b>SIC Description:</b>	Elementary and Secondary Schools		

**Detail(s)**

<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES

<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>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<a href="#">15</a>	8 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				

**Detail(s)**

<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			

<a href="#">15</a>	9 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Greg Benson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613-596-8211 Ext.8549
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				

**Detail(s)**

<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	267
<b>Waste Class Desc:</b>	ORGANIC ACIDS
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	264
<b>Waste Class Desc:</b>	PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			

<a href="#">15</a>	10 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Greg Benson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613-596-8211 Ext.8549
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				

**Detail(s)**

<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	267
<b>Waste Class Desc:</b>	ORGANIC ACIDS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		264			
<b>Waste Class Desc:</b>		PHOTOPROCESSING WASTES			

<a href="#">15</a>	11 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Greg Benson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	613-596-8211 Ext.8549
<b>SIC Code:</b>	611110				
<b>SIC Description:</b>	ELEMENTARY AND SECONDARY SCHOOLS				

**Detail(s)**

<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	267
<b>Waste Class Desc:</b>	ORGANIC ACIDS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	264
<b>Waste Class Desc:</b>	PHOTOPROCESSING WASTES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">15</a>	12 of 14	W/263.6	74.8 / 2.86	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8	GEN

<b>Generator No:</b>	ON0051011	<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>			

**Detail(s)**

<b>Waste Class:</b>	145 I
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints
<b>Waste Class:</b>	112 C
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals
<b>Waste Class:</b>	121 C
<b>Waste Class Desc:</b>	Alkaline slutions - containing heavy metals
<b>Waste Class:</b>	122 C
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)
<b>Waste Class:</b>	146 R
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids
<b>Waste Class:</b>	146 T
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids
<b>Waste Class:</b>	148 B
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	148 C
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	148 I
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	148 R
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	212 B
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	212 H
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	212 L
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	213 I
<b>Waste Class Desc:</b>	Petroleum distillates
<b>Waste Class:</b>	251 L
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)
<b>Waste Class:</b>	252 L
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants

<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>Waste Class:</b> <b>Waste Class Desc:</b>		252 T Waste crankcase oils and lubricants			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 B Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 C Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 I Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 R Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 C Photoprocessing wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 L Photoprocessing wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 T Photoprocessing wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		267 C Organic acids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		331 I Waste compressed gases including cylinders			

<a href="#">15</a>	13 of 14	<b>W/263.6</b>	<b>74.8 / 2.86</b>	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8</b>	<b>GEN</b>
<b>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<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>					

**Detail(s)**

<b>Waste Class:</b> <b>Waste Class Desc:</b>	122 C Alkaline slutions - containing other metals and non-metals (not cyanide)
<b>Waste Class:</b> <b>Waste Class Desc:</b>	263 C Misc. waste organic chemicals
<b>Waste Class:</b> <b>Waste Class Desc:</b>	267 C Organic acids
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 B Aliphatic solvents and residues
<b>Waste Class:</b> <b>Waste Class Desc:</b>	146 T Other specified inorganic sludges, slurries or solids
<b>Waste Class:</b> <b>Waste Class Desc:</b>	264 T Photoprocessing wastes

<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>Waste Class:</b> <b>Waste Class Desc:</b>		112 C Acid solutions - containing heavy metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145 I Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 I Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 B Misc. wastes and inorganic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 L Photoprocessing wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		251 L Waste oils/sludges (petroleum based)			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		264 C Photoprocessing wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 T Waste crankcase oils and lubricants			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		146 R Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		212 H Aliphatic solvents and residues			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213 I Petroleum distillates			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 R Misc. wastes and inorganic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		212 L Aliphatic solvents and residues			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 B Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		331 I Waste compressed gases including cylinders			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 R Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 I Misc. wastes and inorganic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		121 C Alkaline slutions - containing heavy metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 C Misc. wastes and inorganic chemicals			
<b>15</b>	<b>14 of 14</b>	<b>W/263.6</b>	<b>74.8 / 2.86</b>	<b>OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety GLOUCESTER HIGH SCHOOL 2060 OGILVIE ROAD GLOUCESTER ON K1J 7N8</b>	<b>GEN</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>Generator No:</b>	ON0051011			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Apr 2021			<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>	148 I				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	213 I				
<b>Waste Class Desc:</b>	Petroleum distillates				
<b>Waste Class:</b>	148 B				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	148 C				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	146 T				
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Class:</b>	251 L				
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)				
<b>Waste Class:</b>	145 I				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	263 I				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	263 C				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	212 H				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	264 L				
<b>Waste Class Desc:</b>	Photoprocessing wastes				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	264 C				
<b>Waste Class Desc:</b>	Photoprocessing wastes				
<b>Waste Class:</b>	122 C				
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Class:</b>	252 T				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	212 B				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	263 R				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	264 T				
<b>Waste Class Desc:</b>	Photoprocessing wastes				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		146 R			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		148 R			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		121 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Class:</b>		267 C			
<b>Waste Class Desc:</b>		Organic acids			

<a href="#">16</a>	1 of 1	SSW/264.2	71.9 / -0.08	Kiewit Eurovia Vinci; City of Ottawa Ottawa ON	SPL
<b>Ref No:</b>	8617-BNFGWH			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2020/04/06			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation; Municipal Government
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	15			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	HYDRAULIC OIL			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>	0			<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>	none			<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	5031492
<b>MOE Response:</b>	No			<b>Easting:</b>	453277
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2020/04/07			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	2020/05/13			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	OLRT highway construction project<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	OLRT : Keiwit ~3L hyd oil to grnd, cntnd & clnd				
<b>Contaminant Qty:</b>	3 L				

<a href="#">17</a>	1 of 1	WNW/299.6	75.9 / 3.92	East Coast Environmental 1086 Cloverlawn Ct. Ottawa ON K1J 6V8	GEN
<b>Generator No:</b>	ON2209849			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>SIC Code:</i>	541620				
<i>SIC Description:</i>				Environmental Consulting Services	

# Unplottable Summary

Total: **34** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Walkley Site	Lots 15,16,17,18,19,20,21,22, Concession 1,2,3	Ottawa ON	
CA	Riverside South R-A3	Parts of Lots 18/19, Concession 1	Gloucester ON	
CA	Riverside South R-A3	Parts of Lots 18/19, Concession 1	Gloucester ON	
CA		Ogilvie Rd., Part of Rd. Allowance	Gloucester ON	
CA	EASTERN ONTARIO LAND TRUST INC.	OGILVIE RD.	GLOUCESTER CITY ON	
CA	EASTERN ONTARIO LAND TRUST INC.	OGILVIE RD.	GLOUCESTER CITY ON	
CA	CANADA MORTGAGE & HOUSING CORP.	CYRVILLE DRAIN/OGILVIE RD.	GLOUCESTER CITY ON	
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CA	D & H Rivington Enterprises Inc.	Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o	Ottawa ON	
CA	Land Ark Custom Homes Inc.	Part of Lots 17 & 18, Concession 1	Ottawa ON	
ECA	Kiewit Eurovia Vinci Ottawa Partnership	Highway OR174	Ottawa ON	K1H 1E1
GEN	City of Ottawa	Ogilvie Road just south of Montreal Road	Ottawa ON	K2G 7E6
SPL	City of Ottawa	Hwy 174 westbound	Ottawa ON	
SPL	City of Ottawa	Ogilvie rd @ Elmlea	Ottawa ON	
SPL	City of Ottawa	S of Regional Road 174	Ottawa ON	
SPL	City of Ottawa	Ogilvie Road (south of montreal rd)	Ottawa ON	
SPL	Kiewit Eurovia Vinci	South side of Hwy 174 between Blair and Montreal roads.	Ottawa ON	

SPL	UNKNOWN	NORTH END OF OGILVIE RD. AT THE OTTAWA RIVER OUTFALL.	GLOUCESTER CITY ON
SPL	TEXACO	OTTAWA RIVER, OUTFALL AT END OF OGILVIE RD. BULK STATION	GLOUCESTER CITY ON
SPL	BUS	OGILVIE RD. & OTHERS MOTOR VEHICLE (OPERATING FLUID)	GLOUCESTER CITY ON
SPL	OTTAWA-CARLETON, R.M. OF	OGILVIE RD NEAR JASMINE SCHOOL MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
WWIS		lot 19	ON
WWIS		lot 18	ON
WWIS		con 1	ON
WWIS		lot 18	ON
WWIS		lot 19	ON
WWIS		lot 19	ON
WWIS		lot 18	ON
WWIS		lot 17	ON
WWIS		con 1	ON
WWIS		lot 18	ON
WWIS		con 1	ON
WWIS		con 1	ON

# Unplottable Report

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**Site:** *Walkley Site*  
*Lots 15,16,17,18,19,20,21,22, Concession 1,2,3 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 3279-5DDG4X  
**Application Year:** 02  
**Issue Date:** 8/27/02  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:** Amended CofA  
**Client Name:** City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** Modifications to provide enhanced flow control and flooding protection, including an automated flow control gate with electric actuator, mechanical screening, odour control screening, automated gate for grit control, and an emergency diesel generator.

**Contaminants:**  
**Emission Control:** Act. Charcoal Filter

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**Site:** *Riverside South R-A3*  
*Parts of Lots 18/19, Concession 1 Gloucester ON*

**Database:**  
*CA*

**Certificate #:** 2740-4MUKDQ  
**Application Year:** 00  
**Issue Date:** 8/8/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Limited  
**Client Address:** 201-2280 St. Laurent Boulevard  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** watermain installation on Goldeneye Way, Rocky Harbour Crescent, Goose River Avenue, and Hollow Trail Gate  
**Contaminants:**  
**Emission Control:**

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**Site:** *Riverside South R-A3*  
*Parts of Lots 18/19, Concession 1 Gloucester ON*

**Database:**  
*CA*

**Certificate #:** 4072-4MZMV9  
**Application Year:** 00  
**Issue Date:** 8/9/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Limited  
**Client Address:** 201-2280 St. Laurent Boulevard  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Storm and Sanitary sewers to be constructed on Goldeneye Way, Rocky Harbour Crescent, Goose River Avenue, and Hollow Trail Gate; Storm sewer to be constructed on Spratt Road  
**Contaminants:**  
**Emission Control:**

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**Site:**

**Database:**

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**Certificate #:** 7032-4H8TJA  
**Application Year:** 00  
**Issue Date:** 3/11/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Anglican Church Of The Epiphany  
**Client Address:** 24 Steel St.  
**Client City:** Gloucester  
**Client Postal Code:**  
**Project Description:** Construction of sanitary sewers along Ogilvie Rd..  
**Contaminants:**  
**Emission Control:**

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**Site:** EASTERN ONTARIO LAND TRUST INC.  
OGILVIE RD. GLOUCESTER CITY ON

**Database:**  
CA

**Certificate #:** 3-1727-88-  
**Application Year:** 88  
**Issue Date:** 9/13/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** EASTERN ONTARIO LAND TRUST INC.  
OGILVIE RD. GLOUCESTER CITY ON

**Database:**  
CA

**Certificate #:** 7-1485-88-  
**Application Year:** 88  
**Issue Date:** 9/13/1988  
**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:** CANADA MORTGAGE & HOUSING CORP.  
CYRVILLE DRAIN/OGILVIE RD. GLOUCESTER CITY ON

**Database:**  
CA

**Certificate #:** 3-0422-93-  
**Application Year:** 93  
**Issue Date:** 5/10/1993  
**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:** REG.MUN.OF OTTAWA-CARLETON  
QUEENSWAY N. OTTAWA ON

**Database:**  
CA

**Certificate #:** 3-0468-85-006  
**Application Year:** 85  
**Issue Date:** 6/4/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** D & H Rivington Enterprises Inc.  
Part of Block C, Registered Plan 148 and Part of Lot 18, Concession 2, Village o Ottawa ON

**Database:**  
CA

**Certificate #:** 9743-6HTRXS  
**Application Year:** 2005  
**Issue Date:** 11/7/2005  
**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:**

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**Site:** Land Ark Custom Homes Inc.  
Part of Lots 17 & 18, Concession 1 Ottawa ON

**Database:**  
CA

**Certificate #:** 7814-5WBU29  
**Application Year:** 2004  
**Issue Date:** 2/23/2004  
**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:** Kiewit Eurovia Vinci Ottawa Partnership  
Highway OR174 Ottawa ON K1H 1E1

**Database:**  
ECA

**Approval No:** 6056-BXUQ5B  
**Approval Date:** 2021-02-11  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**



**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Kiewit Eurovia Vinci Ottawa Partnership  
**Address:** Highway OR174  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1230-BVYU4P-14.pdf>

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**Site:** **City of Ottawa** **Database:**  
**Ogilvie Road just south of Montreal Road Ottawa ON K2G 7E6** **GEN**

**Generator No:** ON9284631 **PO Box No:**  
**Status:** **Country:** Canada  
**Approval Years:** 2014 **Choice of Contact:** CO\_ADMIN  
**Contam. Facility:** No **Co Admin:** jim r smith  
**MHSW Facility:** No **Phone No Admin:** 613 745 2444 Ext.241  
**SIC Code:** 237110  
**SIC Description:** WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION

**Detail(s)**

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

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

**Ref No:** 1861-72DJ2M **Discharger Report:**  
**Site No:** **Material Group:** Chemicals  
**Incident Dt:** **Health/Env Conseq:**  
**Year:** **Client Type:**  
**Incident Cause:** Other Discharges **Sector Type:** Other Motor Vehicle  
**Incident Event:** **Agency Involved:**  
**Contaminant Code:** 27 **Nearest Watercourse:**  
**Contaminant Name:** COOLANT (N.O.S.) **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site Postal Code:**  
**Contaminant UN No 1:** **Site Region:**  
**Environment Impact:** Not Anticipated **Site Municipality:** Ottawa  
**Nature of Impact:** Soil Contamination **Site Lot:**  
**Receiving Medium:** Land **Site Conc:**  
**Receiving Env:** **Nothing:**  
**MOE Response:** No Field Response **Easting:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Accu:**  
**MOE Reported Dt:** 4/18/2007 **Site Map Datum:**  
**Dt Document Closed:** 5/3/2007 **SAC Action Class:**  
**Incident Reason:** Spill **Source Type:**  
**Site Name:** OC Transpo vehicle, Hwy 174 westbound<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** OC Transpo: 15-20 L antifreeze to roadway  
**Contaminant Qty:** 20 L

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**Site:** **City of Ottawa** **Database:**  
**Ogilvie rd @ Elmlea Ottawa ON** **SPL**

**Ref No:** 2615-7HZQ3Q **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** **Health/Env Conseq:**  
**Year:** **Client Type:**  
**Incident Cause:** Pipe Or Hose Leak **Sector Type:** Other Motor Vehicle  
**Incident Event:** **Agency Involved:**  
**Contaminant Code:** 13 **Nearest Watercourse:**  
**Contaminant Name:** DIESEL FUEL **Site Address:**

**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No Field Response  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/30/2008  
**Dt Document Closed:** 9/4/2008  
**Incident Reason:** Equipment Failure - Malfunction of system components  
**Site Name:** Intersection West bound<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** OC Transpo, 30L Diesel to CB  
**Contaminant Qty:** 30 L

**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Watercourse Spills  
**Source Type:**

**Site:** City of Ottawa  
 S of Regional Road 174 Ottawa ON

**Database:**  
 SPL

**Ref No:** 4531-9XBM6J  
**Site No:** NA  
**Incident Dt:** 6/2/2015  
**Year:**  
**Incident Cause:** Leak/Break  
**Incident Event:**  
**Contaminant Code:** 99  
**Contaminant Name:** WATER (HIGH CHLORINE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:** Land  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** N  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 6/9/2015  
**Dt Document Closed:**  
**Incident Reason:** Equipment Failure  
**Site Name:** Blair Road<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Ottawa chlorinated water to ground  
**Contaminant Qty:** 24 m<sup>3</sup>

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** S of Regional Road 174  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Land Spills  
**Source Type:**

**Site:** City of Ottawa  
 Ogilvie Road (south of montreal rd) Ottawa ON

**Database:**  
 SPL

**Ref No:** 0248-BSEEXA  
**Site No:** NA  
**Incident Dt:** 2020/08/12  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 27  
**Contaminant Name:** COOLANT N.O.S.  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:** n/a  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Land

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:** 2 - Minor Environment  
**Client Type:** Municipal Government  
**Sector Type:** Miscellaneous Communal  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** Ogilvie Road (south of montreal rd)  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**

**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2020/08/12  
**Dt Document Closed:** 2020/09/30  
**Incident Reason:** Equipment Failure  
**Site Name:** spill<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** DUPLICATE OF 1085-BSEENY  
**Contaminant Qty:** 25 L

**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:** Motor Vehicle

**Site:** **Kiewit Eurovia Vinci**  
**South side of Hwy 174 between Blair and Montreal roads. Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 7158-BJWKWR  
**Site No:** NA  
**Incident Dt:** 2019/12/12  
**Year:**  
**Incident Cause:**  
**Incident Event:** Overflow/Surcharge  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL

**Contaminant Limit 1:**  
**Contam Limit Freq 1:** none  
**Contaminant UN No 1:** 1202  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Land  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2019/12/16  
**Dt Document Closed:**

**Incident Reason:** Operator/Human Error  
**Site Name:** LRT Phase 2<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Lafarge-5L Diesel Spill, Cleaned  
**Contaminant Qty:** 5 L

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:** 2 - Minor Environment  
**Client Type:** Corporation  
**Sector Type:** Miscellaneous Industrial  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** South side of Hwy 174 between Blair and Montreal roads.  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Source Type:** Tank - Above Ground

**Site:** **UNKNOWN**  
**NORTH END OF OGILVIE RD. AT THE OTTAWA RIVER OUTFALL. GLOUCESTER CITY ON**

**Database:**  
**SPL**

**Ref No:** 44105  
**Site No:**  
**Incident Dt:** 11/30/1990  
**Year:**  
**Incident Cause:** UNKNOWN  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** WATER  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 11/30/1990  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN  
**Site Name:**

**Discharger Report:**  
**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:** CITY OF GLOUCESTER  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

Site County/District:  
Site Geo Ref Meth:  
Incident Summary:  
Contaminant Qty:

OTTAWA RIVER OUTFALL - FUEL OIL SPILLING INTO RIVER. SOURCE UNKNOWN.

**Site:** **TEXACO**  
**OTTAWA RIVER, OUTFALL AT END OF OGILVIE RD. BULK STATION GLOUCESTER CITY ON**

**Database:**  
**SPL**

**Ref No:** 21520  
**Site No:**  
**Incident Dt:** 7/4/1989  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20105

**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:** WATER  
**Receiving Env:**  
**MOE Response:**

**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** F.D., PUC, EPS, MCCR

**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/4/1989  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN

**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

TEXACO - UNKNOWN AMOUNT OF GASOLINE TO OTTAWA RIVER FROM OUTFALL.

**Site:** **BUS**  
**OGILVIE RD. & OTHERS MOTOR VEHICLE (OPERATING FLUID) GLOUCESTER CITY ON**

**Database:**  
**SPL**

**Ref No:** 75056  
**Site No:**  
**Incident Dt:** 8/20/1992  
**Year:**  
**Incident Cause:** UNKNOWN

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20105

**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**

**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** WORKS

**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/21/1992  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN

**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

OTTAWA/CARLETON TRANSPORTATION - DIESEL FUEL TO ROADS FROM BUS.

**Site:** OTTAWA-CARLETON, R.M. OF  
OGILVIE RD NEAR JASMINE SCHOOL MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

**Database:**  
SPL

<b>Ref No:</b>	154328	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	4/7/1998	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	UNKNOWN	<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>	20101
<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>	4/7/1998	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	UNKNOWN	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	O.C.TRANSPORT: 2L MOTOR OIL LEAKED TO ROAD.		
<b>Contaminant Qty:</b>			

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

**Database:**  
SPL

<b>Ref No:</b>	224201	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	4/19/2002	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER TRANSPORTATION ACCIDENT	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	OPP-KANATA; MTO
<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>	CONFIRMED	<b>Site Municipality:</b>	20107
<b>Nature of Impact:</b>	Soil contamination	<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>	4/19/2002	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	ERROR	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.		
<b>Contaminant Qty:</b>			

**Site:** lot 19 ON

**Database:**  
WWIS

<b>Well ID:</b>	1523645	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	8/4/1989
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	

**Water Type:**  
**Casing Material:**  
**Audit No:** 49859  
**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:**

**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 019  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045419  
**DP2BR:** 57.00  
**Spatial Status:**  
**Code OB:** h  
**Code OB Desc:** Mixed in a Layer  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12-Jun-1989 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931055333  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931055335  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 26  
**Mat2 Desc:** ROCK  
**Mat3:** 71  
**Mat3 Desc:** FRACTURED  
**Formation Top Depth:** 57.0  
**Formation End Depth:** 60.0

**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931055334  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:** 28  
**Mat2 Desc:** SAND  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 15.0  
**Formation End Depth:** 57.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961523645  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10593989  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930079467  
**Layer:** 2  
**Material:** 3  
**Open Hole or Material:** CONCRETE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930079466  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 58  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991523645  
**Pump Set At:**  
**Static Level:** 7.0  
**Final Level After Pumping:** 25.0

**Recommended Pump Depth:** 25.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**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

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105584  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908414  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934650789  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390230  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933481989  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 60.0  
**Water Found Depth UOM:** ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1526813  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/8/1992  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6587  
**Form Version:** 1



**Audit No:** 116877  
**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:**

**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** OTTAWA CITY (NEPEAN)  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10048501  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** o  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 19-Aug-1992 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065250  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:** 73  
**Mat3 Desc:** HARD  
**Formation Top Depth:** 13.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065251  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 73  
**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 17.0  
**Formation End Depth:** 25.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931065249  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 85  
**Mat3 Desc:** SOFT  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 13.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931065248  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933111979  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 17  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961526813  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10597071  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930084938  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL

**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326431  
**Layer:** 1  
**Slot:** 060  
**Screen Top Depth:** 23  
**Screen End Depth:** 26  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 4

**Results of Well Yield Testing**

**Pump Test ID:** 991526813  
**Pump Set At:**  
**Static Level:** 15.0  
**Final Level After Pumping:** 20.0  
**Recommended Pump Depth:** 20.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 8.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934392612  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 20.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910316  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 20.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934653125  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 20.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934108978

Test Type:  
Test Duration: 15  
Test Level: 20.0  
Test Level UOM: ft

Water Details

Water ID: 933486256  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 24.0  
Water Found Depth UOM: ft

Site: con 1 ON

Database: WWIS

Well ID: 1529330  
Construction Date:  
Primary Water Use: Commerical  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 169507  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 2/14/1997  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot:  
Concession: 01  
Concession Name: OF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050866  
DP2BR:  
Spatial Status:  
Code OB: o  
Code OB Desc: Overburden  
Open Hole:  
Cluster Kind:  
Date Completed: 06-Dec-1996 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

Overburden and Bedrock  
Materials Interval

Formation ID: 931072413  
Layer: 1  
Color:  
General Color:  
Mat1: 23  
Most Common Material: PREVIOUSLY DUG  
Mat2:

**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933114303  
**Layer:** 2  
**Plug From:** 2  
**Plug To:** 17  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933114302  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 2  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961529330  
**Method Construction Code:** A  
**Method Construction:** Digging  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10599436  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930088795  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 17  
**Casing Diameter:** 36  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326678  
**Layer:** 1  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 36

**Water Details**

**Water ID:** 933489269  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 6.0  
**Water Found Depth UOM:** ft

**Site:** lot 18 ON

**Database:**  
WWIS

<b>Well ID:</b> 1530719	<b>Data Entry Status:</b>
<b>Construction Date:</b>	<b>Data Src:</b> 1
<b>Primary Water Use:</b> Domestic	<b>Date Received:</b> 9/16/1999
<b>Sec. Water Use:</b>	<b>Selected Flag:</b> True
<b>Final Well Status:</b> Water Supply	<b>Abandonment Rec:</b>
<b>Water Type:</b>	<b>Contractor:</b> 1119
<b>Casing Material:</b>	<b>Form Version:</b> 1
<b>Audit No:</b> 197217	<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> GLOUCESTER TOWNSHIP
<b>Elevation Reliability:</b>	<b>Site Info:</b>
<b>Depth to Bedrock:</b>	<b>Lot:</b> 018
<b>Well Depth:</b>	<b>Concession:</b>
<b>Overburden/Bedrock:</b>	<b>Concession Name:</b> BF
<b>Pump Rate:</b>	<b>Easting NAD83:</b>
<b>Static Water Level:</b>	<b>Northing NAD83:</b>
<b>Flowing (Y/N):</b>	<b>Zone:</b>
<b>Flow Rate:</b>	<b>UTM Reliability:</b>
<b>Clear/Cloudy:</b>	

**Bore Hole Information**

<b>Bore Hole ID:</b> 10052253	<b>Elevation:</b>
<b>DP2BR:</b> 73.00	<b>Elevrc:</b>
<b>Spatial Status:</b>	<b>Zone:</b> 18
<b>Code OB:</b> r	<b>East83:</b>
<b>Code OB Desc:</b> Bedrock	<b>North83:</b>
<b>Open Hole:</b>	<b>Org CS:</b>
<b>Cluster Kind:</b>	<b>UTMRC:</b> 9
<b>Date Completed:</b> 31-May-1999 00:00:00	<b>UTMRC Desc:</b> unknown UTM
<b>Remarks:</b>	<b>Location Method:</b> na
<b>Elevrc Desc:</b>	
<b>Location Source Date:</b>	
<b>Improvement Location Source:</b>	
<b>Improvement Location Method:</b>	
<b>Source Revision Comment:</b>	
<b>Supplier Comment:</b>	

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931076386  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 16.0  
**Formation End Depth:** 70.0

**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931076385  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 16.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931076387  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 70.0  
**Formation End Depth:** 73.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931076388  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 73.0  
**Formation End Depth:** 100.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933115861  
**Layer:** 1  
**Plug From:** 2  
**Plug To:** 78  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961530719  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10600823  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930091183  
**Layer:** 1  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 76  
**Casing Diameter:** 9  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930091185  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 100  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930091184  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 78  
**Casing Diameter:** 9  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991530719  
**Pump Set At:**  
**Static Level:** 32.0  
**Final Level After Pumping:** 80.0  
**Recommended Pump Depth:** 80.0  
**Pumping Rate:** 20.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 20.0  
**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:**



Flowing: No

**Draw Down & Recovery**

Pump Test Detail ID: 934120064  
Test Type: Recovery  
Test Duration: 15  
Test Level: 32.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934385685  
Test Type: Recovery  
Test Duration: 30  
Test Level: 32.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934664203  
Test Type: Recovery  
Test Duration: 45  
Test Level: 32.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934903240  
Test Type: Recovery  
Test Duration: 60  
Test Level: 32.0  
Test Level UOM: ft

**Water Details**

Water ID: 933490945  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 84.0  
Water Found Depth UOM: ft

**Site:** lot 19 ON

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

Well ID: 1531489  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 220931  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):

Data Entry Status:  
Data Src: 1  
Date Received: 11/16/2000  
Selected Flag: True  
Abandonment Rec:  
Contractor: 1558  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot: 019  
Concession:  
Concession Name: BF  
Easting NAD83:  
Northing NAD83:  
Zone:

Flow Rate:  
Clear/Cloudy:

UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10053023  
DP2BR:  
Spatial Status:  
Code OB: —  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 01-Sep-2000 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933116661  
Layer: 1  
Plug From: 2  
Plug To: 20  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961531489  
Method Construction Code: B  
Method Construction: Other Method  
Other Method Construction:

**Pipe Information**

Pipe ID: 10601593  
Casing No: 1  
Comment:  
Alt Name:

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**Site:** lot 19 ON

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

Well ID: 1531656  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 224706  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:

Data Entry Status:  
Data Src: 1  
Date Received: 1/30/2001  
Selected Flag: True  
Abandonment Rec:  
Contractor: 1558  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:  
Lot: 019  
Concession:  
Concession Name: BF  
Easting NAD83:  
Northing NAD83:

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

Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10053190  
DP2BR: 72.00  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 09-Nov-2000 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931079152  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 79  
Mat2 Desc: PACKED  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 12.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931079154  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 28  
Most Common Material: SAND  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 13  
Mat3 Desc: BOULDERS  
Formation Top Depth: 55.0  
Formation End Depth: 72.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931079155  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 18  
Most Common Material: SANDSTONE

**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 72.0  
**Formation End Depth:** 90.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931079153  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 12.0  
**Formation End Depth:** 55.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933116823  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 50  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961531656  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10601760  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930093150  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930093151

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

**Results of Well Yield Testing**

**Pump Test ID:** 991531656  
**Pump Set At:**  
**Static Level:** 27.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 15.0  
**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:**  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934658198  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934114064  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 88.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934915089  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934397680  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 88.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933492206  
**Layer:** 1

Kind Code: 5  
Kind: Not stated  
Water Found Depth: 82.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1526259  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 111828  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 6/22/1992  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10047977  
**DP2BR:** 29.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 16-Jun-1992 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931063659  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 14  
**Mat2 Desc:** HARDPAN  
**Mat3:** 12  
**Mat3 Desc:** STONES  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 29.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931063660  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 15  
**Mat2 Desc:** LIMESTONE  
**Mat3:** 74  
**Mat3 Desc:** LAYERED  
**Formation Top Depth:** 29.0  
**Formation End Depth:** 103.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961526259  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10596547  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930083976  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 32  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930083977  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 103  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991526259  
**Pump Set At:**  
**Static Level:** 30.0  
**Final Level After Pumping:** 80.0  
**Recommended Pump Depth:** 80.0  
**Pumping Rate:** 9.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 9.0  
**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

Draw Down & Recovery

Pump Test Detail ID: 934908600  
Test Type:  
Test Duration: 60  
Test Level: 30.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651402  
Test Type:  
Test Duration: 45  
Test Level: 32.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390462  
Test Type:  
Test Duration: 30  
Test Level: 34.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106828  
Test Type:  
Test Duration: 15  
Test Level: 34.0  
Test Level UOM: ft

Water Details

Water ID: 933485502  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 45.0  
Water Found Depth UOM: ft

Water Details

Water ID: 933485503  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 97.0  
Water Found Depth UOM: ft

Site: lot 17 ON

Database: WWIS

Well ID: 1522714  
Construction Date:

Data Entry Status:  
Data Src: 1



**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 18396  
**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:**

**Date Received:** 10/25/1988  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 017  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10044524  
**DP2BR:** 26.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 09-Jun-1988 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052371  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 14.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052372  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**

**Mat3 Desc:**  
**Formation Top Depth:** 14.0  
**Formation End Depth:** 26.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931052373  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 26.0  
**Formation End Depth:** 64.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961522714  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10593094  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077864  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 64  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930077863  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 29  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991522714

**Pump Set At:**  
**Static Level:** 10.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 15.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**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

**Draw Down & Recovery**

**Pump Test Detail ID:** 934656263  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111043  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905080  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386887  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933480713  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 56.0  
**Water Found Depth UOM:** ft

---

**Site:** con 1 ON

**Database:**  
**WWIS**

**Well ID:** 1525673  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/21/1991  
**Selected Flag:** True

**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 68558  
**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:**

**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10047408  
**DP2BR:** 45.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 27-Feb-1991 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931061984  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 32.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931061986  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 45.0

Formation End Depth: 103.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931061985  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 14  
Most Common Material: HARDPAN  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 32.0  
Formation End Depth: 45.0  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961525673  
Method Construction Code: 5  
Method Construction: Air Percussion  
Other Method Construction:

**Pipe Information**

Pipe ID: 10595978  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930082984  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 103  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930082983  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 49  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 991525673  
Pump Set At:  
Static Level: 35.0

**Final Level After Pumping:** 55.0  
**Recommended Pump Depth:** 55.0  
**Pumping Rate:** 10.0  
**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:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934388707  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934906425  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105048  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934649245  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 55.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933484725  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 98.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933484724  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 70.0  
**Water Found Depth UOM:** ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1526258  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 111823  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 6/30/1992  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10047976  
**DP2BR:** 27.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 25-Jun-1992 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931063658  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 27.0  
**Formation End Depth:** 203.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931063657  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY

**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 14  
**Mat2 Desc:** HARDPAN  
**Mat3:** 12  
**Mat3 Desc:** STONES  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 27.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961526258  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10596546  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930083975  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 203  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930083974  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 42  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991526258  
**Pump Set At:**  
**Static Level:** 32.0  
**Final Level After Pumping:** 195.0  
**Recommended Pump Depth:** 65.0  
**Pumping Rate:** 12.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 6.0  
**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

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908599  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 32.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106827  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 49.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390461  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651401  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 34.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933485501  
**Layer:** 3  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 197.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933485500  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 140.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933485499  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 95.0  
**Water Found Depth UOM:** ft

**Site:**  
con 1 ON

**Database:**  
WWIS

**Well ID:** 1501587  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/6/1947  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3566  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** OF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10023630  
**DP2BR:** 90.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 15-Nov-1946 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 930992251  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 90.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 930992252  
**Layer:** 2  
**Color:**  
**General Color:**

**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 90.0  
**Formation End Depth:** 167.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961501587  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10572200  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930040107  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 167  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930040106  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 92  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991501587  
**Pump Set At:**  
**Static Level:** 10.0  
**Final Level After Pumping:** 30.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 30.0  
**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:** 2

**Pumping Duration MIN:** 0  
**Flowing:** No

Water Details

**Water ID:** 933454305  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:**  
**Water Found Depth UOM:** ft

Site:  
con 1 ON

**Database:**  
**WWIS**

**Well ID:** 1519865  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 9/16/1985  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**  
**Lot:**  
**Concession:** 01  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

Bore Hole Information

**Bore Hole ID:** 10041718  
**DP2BR:** 60.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 01-Aug-1985 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

Overburden and Bedrock  
Materials Interval

**Formation ID:** 931042998  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**

**Mat3 Desc:**  
**Formation Top Depth:** 60.0  
**Formation End Depth:** 75.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931042996  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931042997  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Mat2 Desc:** SANDY  
**Mat3:** 11  
**Mat3 Desc:** GRAVEL  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 60.0  
**Formation End Depth UOM:** ft

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

**Method Construction ID:** 961519865  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10590288  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930072831  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 75  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930072830  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 62  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991519865  
**Pump Set At:**  
**Static Level:** 25.0  
**Final Level After Pumping:** 30.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934384474  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934895214  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655014  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934109742  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933476954  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 70.0  
**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 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 2020**

### **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-Dec 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.

**Government Publication Date: Jan 2004-Dec 2018**

**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: Jul 31, 2020**

**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-Dec 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 -Apr 2021**

**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 2020**

**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- Jun 30, 2021**

**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 2020**

**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: Jul 31, 2020**

**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- Jun 30, 2021**

**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- Jun 30, 2021**

**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- Jun 30, 2021**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

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

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Jan 31, 2021**

**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 / 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, 2020**

**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: Jul 31, 2020**

**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 2021**

**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: Jul 31, 2020**

**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, 2021**

**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: 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-Dec 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, 2019**

**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, 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-Feb 28, 2021**

**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-Apr 30, 2021**

**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- Jun 30, 2021**

**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: May 31, 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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994- Jun 30, 2021**

**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, 1992-2018**

**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-Jun 2021**

**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-Dec 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.

**Government Publication Date: 1988-Aug 2020**

**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, 2018**

**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 - Dec 2020**

**Variations 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: 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- Jun 30, 2021**

**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 30th, 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, 2021**



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

# Appendix D

## *Aerial Photographs*



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# HISTORICAL AERIALS

**Project Property:** Arrowsmith Drive P1ESA  
2040 Arrowsmith Drive  
Gloucester ON K1J 8V9

**Project No:** 21-2357

**Requested By:** Dillon Consulting Limited

**Order No:** 21072901384

**Date Completed:** July 30, 2021

<b>Decade</b>	<b>Year</b>	<b>Image Scale</b>	<b>Source</b>
1920	Not Available		
1930	Not Available		
1940	1945	15000	NAPL
1950	1954	10000	Hunting Survey Corporation Limited
1960	1965	10000	City of Ottawa
1970	1976	10000	City of Ottawa
1980	Not Available		
1990	1991	10000	City of Ottawa
2000	2005	10000	City of Ottawa
2010	2015	10000	City of Ottawa

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## **Environmental Risk Information Services**

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0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 1945  
Source: NAPL  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 1954  
Source: Hunting Survey Corporation Limited  
Map Scale: 1: 10000  
Comments: Best Copy Available





0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 1965  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 1976  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:







0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 1991  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 2005  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:





0 0.125 0.25 0.5  
Kilometers

Order Number: 21072901384

Year: 2015  
Source: City of Ottawa  
Map Scale: 1: 10000  
Comments:



# Appendix E

## *Site Photographs*

# Site Photographs



Picture 1 – Site building on RSC Property (facing south)



Picture 2 – Food storage in site building



Picture 3 – Piping inside site building



Picture 4 – Patched portion of ceiling in site building that has been reported by staff to have leaks in the past

Site Photographs



Picture 5 – Contents of storage closet/closet containing water heater



Picture 6 – Stained Ceiling Tiles and Fluorescent Ballasts in Office Building



Picture 7 – Industrial sized refrigerator in site building



Picture 8 – East side of site building and community food garden, facing south

Site Photographs



Picture 9 – Community food garden on east portion of the RSC property (facing southeast)



Picture 10 – Monitoring well (facing east) in parking area, waste bins.



Picture 11 – Southern face of site building (facing north)



Picture 12 – Contents of small storage shed located on south side of site building

Site Photographs



Picture 13 – Contents of storage locker located on south side of site building



Picture 14 – Salt storage bin located at south entrance of site building



Picture 15 – Site view facing West



Picture 16 – Site view facing east capturing gravel driveway



Site Photographs



Picture 17 – Monitoring well on eastern portion of property



Picture 18 – Site view from landscaped portion of property (facing south) capturing berm and monitoring well



Picture 19 – Site view from landscaped portion of property (facing north) capturing two monitoring wells



Picture 20 – Site view from paved parking area (facing north) capturing site building