



**Ottawa-Carleton District School Board**

**Phase One Environmental Site Assessment  
700 Spring Valley Drive  
Ottawa, Ontario**

**ER1087**

**November 25, 2024**

**CM3 Environmental Inc.**  
*5710 Akins Road Ottawa, Ontario K2S 1B8*

## 1.0 EXECUTIVE SUMMARY

CM3 Environmental (CM3) was retained by the Ottawa-Carleton District School Board (OCDSB) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 700 Spring Valley Drive in Ottawa, Ontario ("site" or "subject property"). The Phase One ESA was completed in support of a Site Plan Control application for the construction of a public school on the site and not for a Record of Site Condition (RSC). The Phase One ESA was completed following the requirements of the Canadian Standards Association (CSA) Standard Z768-01 and Ontario Regulation (O. Reg.) 153/04.

The Phase One ESA was completed under the supervision of Mr. Marc MacDonald, P.Eng., from CM3 Environmental. Mr. MacDonald has over 25 years of experience in contaminated lands consulting.

The Phase One ESA was completed through a site inspection, interviews, and a records review consisting of aerial photographs, fire insurance plans, chain of title, city directory searches, Freedom of Information requests and the results of an Environmental Risk Information Services database search.

The subject property is roughly rectangular in shape, apart from the north section which follows the curvature of Spring Valley Drive. The site is bound by open space to the north, Goldfinch Park to the east, Joshua Street to the south, and Spring Valley Drive to the west. The subject property is located in a primarily residential area and is approximately 2.83 hectares with no buildings or structures on-site. The property is grass covered with trees positioned sporadically throughout the site.

The subject property has remained undeveloped. Between 2004 and 2007, the site and surrounding areas were cleared of vegetation. Nearby properties were developed with residential subdivisions and the site appears to have been used for vehicle, equipment, and/or soils staging and storage during this development period. Prior to 2007, the site and surrounding areas appear to have been agricultural land.

The historic records search and site inspection identified one on-site potentially contaminating activity (PCA) related to the potential use of the site for vehicle, equipment, and/or soils storage during the development of surrounding areas.

Areas of Potential Environmental Concern		
Location	Cause of Concern	COCs
Site	Importation of fill materials of unknown quality	PHCs, BTEX, metals.

BTEX - Benzene, toluene, ethylbenzene, xylenes  
PHCs - Petroleum hydrocarbons F1 to F4 fractions

The findings of the Phase One ESA identified one APEC on the subject property related to the importation of fill materials of unknown quality. The contaminants of concern were identified as

petroleum hydrocarbons in the F1-F4 fractions (PHCs), benzene, toluene, ethylbenzene, and xylenes (BTEX), and metals.

Sodium adsorption ratio (SAR), electrical conductivity (EC), and leachate analysis could be added to the analytical suite for future excess soil management.

The PCAs and APEC could result in adverse environmental conditions at the subject property. A Phase II ESA is required to assess the presence of soil within the APECs. Groundwater at the site should be assessed if elevated concentrations of COCs are identified in the soil within the APEC.

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## 2.0 INTRODUCTION

CM3 Environmental was retained by the OCDSB to conduct a Phase One ESA for the property located at 700 Spring Valley Drive in Ottawa, Ontario. The Phase One ESA was completed in support of a Site Plan Control application for the construction of a public school and not in support of an RSC.

### 2.1 Phase One Property Information

The subject property is located on the east side of Spring Valley Drive in Ottawa, Ontario. The legal description is Block 131, Plan 4M1465; City of Ottawa, and the property identification number is 04352-2047 (LT). The site location is provided as **Figure 1**. Photographs of the site are provided in **Appendix A**.

CM3 was retained by Mr. Barry Boyd on behalf of the OCDSB to conduct the Phase One ESA. The contact information for Mr. Boyd is provided below:

Barry Boyd  
Project Officer, Architectural & Engineering  
Design & Construction Services, Facilities Department  
Ottawa-Carleton District School Board  
(613)-596-8746  
barry.boyd@ocdsb.ca

The current owner of the subject property is the Ottawa-Carleton District School Board.

### **3.0 SCOPE OF INVESTIGATION**

The Phase One ESA was completed at the request of Mr. Boyd on behalf of the OCDSB in support of a Site Plan Control application for the construction of a public school on-site. The objective of the Phase One ESA was to evaluate the environmental condition of the subject property and properties within a 250 m radius of the property boundary (Phase One study area). The Phase One ESA included a review of current activities and historic activities/information for the subject property and Phase One study area to identify potentially contaminating activities (PCAs). If PCAs were identified, they were evaluated based on the site conditions to assess if they represented an area of potential environmental concern (APEC) at the subject property.

CM3 completed the Phase One ESA following the requirements of the CSA Standard Z768-01 and O. Reg. 153/04. The general scope of work for the Phase One ESA included:

- A review of readily available historical documents, aerial photographs, and geology/soils maps;
- A review of records from municipal, provincial, and federal agencies and private source databases;
- Reconnaissance of the subject property to evaluate the current condition of the site;
- Interviews with persons knowledgeable of the history of the subject property; and
- The preparation of the Phase One ESA report.

## **4.0 RECORDS REVIEW**

### **4.1 General**

CM3 completed a review of historical records relevant to the subject property, including historical databases, geological maps, aerial photographs, and readily available reports. A radius of 250 m from the subject property was investigated to identify PCAs as provided by O. Reg. 153/04. Environmental Risk Information Services (ERIS), a private environmental information service, provided the majority of the historical records in their standard search radius of 250 meters. A standard ERIS historical report was requested to provide records from governmental (Federal and Provincial) databases, and private source records, as outlined in O. Reg. 153/04. An ERIS physical setting report (PSR) was also requested to provide physical information about the Phase One study area, including physiography, topography, surficial and bedrock geology, and information about areas of natural and scientific interest. The ERIS request included an Opta Enviroscan report to provide insurance information relevant to the subject property. The findings of the historical records review are incorporated into the following sections.

#### ***4.1.1 Phase One Study Area Determination***

The Phase One study area included the subject property and all properties partly or wholly within a 250 m radius of the property boundary. A radius of 250 m was selected following the requirements provided by O. Reg. 153/04. The Phase One study area is illustrated on **Figure 2**.

#### ***4.1.2 First Developed Use Determination***

Based on site reconnaissance, historical photographs, and the historical records search the subject property has remained undeveloped. Between 2004 and 2007, the site and surrounding areas were cleared of vegetation. Nearby properties were developed with residential subdivisions and the site may have been used for vehicle, equipment, and/or soils staging and storage during the development of surrounding areas. Prior to 2007, the site and surrounding areas appear to have been agricultural land.

#### ***4.1.3 Fire Insurance Plans***

A fire insurance plan (FIP) search was requested from ERIS. The search did not return results.

#### ***4.1.4 Chain of Title***

A title search was requested from ERIS. The search returned records from crown ownership (1811) to present. The current owner of the subject property is the Ottawa-Carleton District School Board. No environmental concerns were identified based on review of the chain of title. The chain of title record is provided in **Appendix B**.

#### ***4.1.5 City Directory Search***

A city directory search was requested from ERIS. No listings were found for the site. The city directory search is provided in **Appendix C**.

#### **4.1.6 Environmental Reports**

The following environmental report was available for review and is summarized below:

1. CM3 Environmental. *Phase I Environmental Site Assessment, Spring Valley Drive at Joshua Street, Ottawa, Ontario*. Dated February 20, 2019.

CM3 was retained by the OCDSB to carry out a due diligence Phase I ESA at the subject property. At the time of the assessment, the site did not have a civic address and was owned by Claridge Homes. The Phase I ESA was performed in accordance with CSA standard Z768-01 and in general accordance with O. Reg. 153/04. The findings of the Phase I ESA did not identify any PCAs on-site or within the Phase I study area. No APECs were identified on-site. CM3 did not recommend a Phase II ESA.

#### **4.2 Environmental Source Information**

##### **Freedom of Information Requests**

CM3 completed a freedom of information request on the subject property from the Ontario Ministry of the Environment, Conservation and Parks (MECP), the Technical Standards and Safety Authority (TSSA), and the City of Ottawa Historic Land Use Inventory (HLUI).

The MECP and TSSA did not find records for the subject property. The city of Ottawa HLUI search identified the Navan Road landfill, approximately 500 m east of the subject property, outside of the Phase One study area.

The freedom of information documents are provided in **Appendix D**.

##### **ERIS Records Review**

An ERIS historical records database search was requested for the site and the surrounding properties within a 250 m radius. The databases that were searched are listed in the ERIS database report, **Appendix E**. The search provided zero records for the subject property and three records within the Phase One study area as of May 15, 2024. The records are provided in the ERIS Report (**Appendix E**) and summarized as follows:

##### **Subject Property**

- No records.

##### **Phase One Study Area (Surrounding Properties within 250 m radius)**

- One ERIS Historical Search record;
- One Ontario Spill record; and
- One TSSA Historic Incident record.

No PCAs were identified based on the evaluation of the records.

A total of 23 records were identified in the database search but were unplotable sites (i.e., location unknown). The unplotable reports are provided in the ERIS database report (**Appendix E**) and summarized:

- Three Certificates of Approval;
- One Conviction record;
- One Environmental Registry record;
- Two Environmental Compliance Approval records;
- One Ontario Spills record; and
- Fifteen Water Well Information System records.

CM3 reviewed the unplotable record details to determine if the listed sites were within the Phase One study area. The locations of the above records were outside of the Phase One study area or could not be confirmed. It is not likely that the above records present an environmental concern at the subject property.

### 4.3 Physical Setting Sources

#### 4.3.1 Aerial Photographs

Aerial photographs were obtained from ERIS. Aerial photographs from 1946, 1954, 1964, 1973, 1983, 1994, 2001, and 2023 were available for review. Observations from the aerial photographs are provided in the following table:

Table 1: Aerial Photographs		
Property	Date(s)	Observations
Subject Property	1946-2023	The subject property appears to be natural and/or agricultural land.  Google Earth aerial images show that the site was stripped of vegetation between 2004 and 2007 and used for soil staging and/or building material storage between 2012 and 2014. The Google Earth aerial images cannot be included in this report due to copy right laws.
North	1946-1964	Natural and/or agricultural land. Sporadic tree coverage and the current Navan Road are present beyond.
	1973	A small number of buildings are present. The buildings are presumed to be residential.
	1983-2023	Additional residential buildings are present and increase in number throughout the years.
East	1946-2001	Natural and/or agricultural land. Sporadic tree coverage.
	2023	Parkland (Goldfinch Park). With residential buildings and active development beyond. The Navan Road landfill is approximately 500 m to the east.
South	1946-2001	Natural and/or agricultural land. The Canadian Pacific rail line (rails removed in 1986) and the Mer Bleue Bog (natural land) are present beyond.
	2023	Residential properties. The Prescott-Russell Trail Link (former Canadian Pacific rail line) and the Mer Bleue Bog (natural land) are present beyond.
West	1946-2001	Natural and/or agricultural lands with sporadic (presumed) residential buildings and current Renaud Road beyond.
	2023	Residential subdivision.

The Navan Road landfill may represent an environmental concern at the subject property. No other environmental concerns were identified at the subject property based on review of the aerial photographs. The ERIS aerial photographs are provided in **Appendix F**.

#### ***4.3.2 Topography, Hydrology, Geology***

The site elevation is approximately 76.56 meters above sea level (m asl) and the site slopes downward to the south-south-west. The surrounding area slopes downward from north to south from 87 m asl to 69 m asl and downward from east to west from 86 m asl to 73 m asl.

Surface drainage at the site is expected to be primarily by infiltration. Small depressions were identified at the south, south-east, and south areas of the site. Stormwater that does not infiltrate likely flows overland to these depressions or to municipal catch basins located on Joshua Street, south of the site.

Soils at the site were described as offshore marine deposits of clay and silt with low permeability. Bedrock at the site was described as shale, limestone, dolostone, and siltstone, of the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, the Collingwood Member, and the Eastview Member.

The details of the topography, surficial geology, bedrock geology, and associated maps are provided in the ERIS PSR, **Appendix G**.

#### ***4.3.3 Fill Materials***

Based on aerial photographs, the site was stripped of vegetation and likely used for the storage and staging of fill materials for surrounding developments circa 2007. Information regarding the fill materials was not available.

During the recent on-site investigation, small (less than 1 m<sup>2</sup>) fill piles of gravel and concrete were identified at the south section of the subject property. Built up sections of soil were present beneath vegetation and may have been placed on-site.

#### ***4.3.4 Water Bodies, Areas of Natural and Scientific Interest, and Ground Water Information***

Small depressions were identified at the south, south-east, and east sections of the site. The depressions were surrounded by tall grasses. Wetlands were not identified on-site on the Ministry of Natural Resources and Forestry (MNR) Natural Heritage maps or on the ERIS PSR wetland map (**Appendix G**). Based on aerial photographs, it is presumed that the depressions formed naturally on-site within the last decade.

The Mer Bleue Bog (the bog) is located approximately 300 m south of the subject property and is an evaluated provincially significant wetland. The bog is an Area of Natural and Scientific Interest (ANSI). A watercourse is shown on the Ontario Base Map leading from the neighbouring property to the east (Goldfinch Park) to the bog (south).

Based on the regional topography and the local presence of wetlands and waterbodies, the inferred regional groundwater flow direction was south.

Maps showing waterbodies and information regarding ANSI are provided in the ERIS PSR, **Appendix G**.

#### **4.3.5 Well Records**

Well records for the site and Phase One study area were not identified in the Water Well Information System (WWIS).

#### **4.4 Site Operating Records**

The site has remained undeveloped with no buildings, therefore, there are no records of operations at the site.

## **5.0 INTERVIEWS**

CM3 did not conduct interviews as part of this assessment. The site has remained unoccupied and undeveloped, therefore, information regarding on-site activities does not exist. Persons with knowledge of the surrounding developments could not be identified.

## 6.0 SITE RECONNAISSANCE

### 6.1 General Requirements

CM3 conducted the site investigation on May 22, 2024 from approximately 1:00 PM to 3:00 PM. Weather conditions during the on-site investigation were 28 °C and sunny. The investigation was conducted by Mr. Ethan Risk, B.Eng. of CM3. The site was vacant with no buildings at the time of the assessment; all areas were fully accessible. Site photographs are provided in **Appendix A**.

#### **Site Description**

The subject property is roughly rectangular in shape, apart from the north section which follows the curvature of Spring Valley Drive. The site is bound by tree covered open space to the north, Goldfinch Park to the east, Joshua Street to the south, and Spring Valley Drive to the west. The subject property is located in a primarily residential area and is approximately 2.83 hectares with no buildings or structures on-site. The property is grass covered with trees and ponded water positioned sporadically throughout the site. The subject property is shown on **Figure 4**. Photographs of the subject property are provided in **Appendix A**.

#### **Adjacent Properties**

The subject property is located within an area of primarily residential land use. The surrounding properties are summarized in the following table:

Table 2: Adjacent Property Use	
Direction	Description
North adjacent	Tree covered open space
North beyond	Residential properties
East adjacent	Goldfinch Park
East beyond	Residential properties
South adjacent	Joshua Street
South beyond	Residential properties
West adjacent	Spring Valley Drive
West beyond	Residential properties

The Phase One study area is shown in **Figure 2**.

### 6.2 Specific Observations at Phase One Property

#### **Structures and Buildings**

No structures or buildings were present on-site.

### **Below Ground Structures**

No below ground structures were identified on-site.

### **Storage Tanks**

No storage tanks were identified on-site.

### **Water Supply**

Water is not currently used at the site. Future developments on-site would likely have water supplied from the municipal water lines on Spring Valley Drive.

### **Underground Utilities**

No underground utilities were identified on-site.

### **Features of On-Site Structures and Buildings**

No structures or buildings were identified on-site.

### **Wells**

One monitoring well was identified at the south-east section of the subject property. The well did not have a well tag and was not identified in the Water Well Information System (WWIS). It is presumed that the well was part of a geotechnical study for the surrounding subdivision. No other wells were identified during site reconnaissance or on the Phase One study area.

### **Sewage Works and Wastewater**

There were no sewage works at the site. Wastewater was not being generated at the site.

### **Ground Surface**

The general groundcover is grass. The general groundcover is indicated on **Figure 4** and in the site photographs, **Appendix A**.

### **Railway Lines or Spurs**

There were no railway line or spurs on the subject property or within the Phase One study area.

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

No areas of stained soil, vegetation, or pavement were observed on-site.

### **Stressed Vegetation**

Stressed vegetation was not observed on-site.

### **Fill or Debris**

A small pile of gravel was identified at the south section of the site. Built-up sections of vegetation covered soil were identified and may have been placed on site. Minor construction debris such as concrete, metal, and asphalt were identified at the south section of the site.

### **Potentially Contaminating Activities**

Potentially contaminating activities are listed and numbered in O. Reg. 153/04, Schedule D; Table 2. Potentially contaminating activities identified during the site investigation included:

- Item 30: Importation of Fill Material of Unknown Quality.

Additional information regarding potentially contaminating activities is in section 7.2 below.

### **Unidentified Substances**

Unidentified substances were not observed at the subject property.

### **Solid (Non-hazardous) Waste**

Solid waste was not being generated at the site. Minor construction debris and litter was present.

### **Hazardous Waste**

Hazardous waste was not observed on-site.

### **Existing Groundwater Issues**

Existing groundwater issues were not identified at the site.

### **Air Emissions**

No sources of air emissions were identified at the site.

### **Designated Substances**

Individual designated substance regulations have been developed for eleven contaminants and are enforced by the Ministry of Labour (MOL) under the Occupational Health and Safety Act (OHSA). Special regulations were made to prohibit, regulate, restrict, limit, or control worker exposure to designated substances due to their toxic nature. The designated substances identified in OHSA include: Asbestos, Arsenic, Lead, Ethylene Oxide, Mercury, Silica, Vinyl Chloride, Benzene, Coke Oven Emissions, Acrylonitrile, and Isocyanates.

There were no buildings or structures on-site, therefore, designated substances were not of concern.

### **Polychlorinated Biphenyls**

Polychlorinated Biphenyls (PCBs) may be present in transformers, capacitors, electromagnets, heat transfer units, and fluorescent lamp ballasts. No PCB containing equipment was identified on-site.

### **Ozone-Depleting Substances**

Ozone depleting substances (ODSs) are commonly found in refrigerants in heat pumps, refrigerators, freezers, and air conditioners (A/C). No ODS containing equipment was identified on-site.

### **Urea Foam Formaldehyde Insulation**

There were no buildings or structures on-site, therefore, urea foam formaldehyde insulation was not of concern.

### **Radon**

The Health Canada radon ranking for the site is moderate. The radon information is provided in the ERIS PSR, **Appendix H**. Radon testing was not completed as part of this Phase One ESA.

### **Herbicides and Pesticides**

No herbicides or pesticides were observed at the subject property. Information regarding herbicide and pesticide use on-site was not available.

Prior to 2007, the subject property appeared to have been used for agriculture. Herbicides and pesticides may have been used at the site during the period of agricultural land use. In conjunction with the MECP soil and groundwater standards, Ontario regulates pesticides by licensing and/or permit requirements on their use under the Pesticides Act and O. Reg. 63/09. Maximum residual limits are placed on crops to limit human exposure to pesticides and herbicides through consumption. Herbicides and pesticides may have been used at the site and surrounding properties. There is no documented evidence or reports indicating pesticide storage, application, registration, or release on-site. Pesticides, when applied to surfaces, typically remain in the surface soils and are relatively insoluble in water or groundwater. The likelihood of environmental concern at the site due to past pesticide use is considered low.

Based on the above, the presumed use of herbicides and pesticides at the site has not resulted in an APEC on the subject property.

### **Dry-Cleaning Operations**

Dry cleaning operations were not identified at the subject property or within the Phase One study area.

### ***6.2.1 Enhanced Investigation Property***

The subject property is not considered an Enhanced Investigation Property.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Current and Past Uses

The subject property was vacant with no buildings and has remained undeveloped. Prior to 2007 the site appeared to have been used for agriculture.

### 7.2 Potentially Contaminating Activities

Potentially contaminating activities are listed and numbered in O. Reg. 153/04, Schedule D; Table 2. The PCAs identified at the subject property are provided in the following table and on **Figure 3**.

Table 3: Subject Property Potentially Contaminating Activities			
PCA #	PCA	Location	Description of Activity
1	Item 30 – Importation of Fill Material of Unknown Quality	Site	Staging and stockpiling of fill materials during the development of surrounding residential subdivisions.

### 7.3 Areas of Potential Environmental Concern

The above PCAs were evaluated with respect to the age and location (source) of the PCAs and potential pathways/migration to the subject property. Based on the evaluation of the PCAs, one APEC was identified at the subject property related to the importation of fill materials of unknown quality. The COCs were identified as PHCs in the F1-F4 fractions, BTEX, and metals. Sodium adsorption ratio, electrical conductivity and leachate testing could be included in the soil analysis for future excess soil management purposes.

### 7.4 Phase One Conceptual Site Model

A Phase One conceptual site model (CSM) was developed based on the information collected as part of this investigation.

The subject property has remained undeveloped since its use for agriculture prior to 2007. Small depressions were identified at the south, south-east, and east sections of the site. The depressions were surrounded by tall grasses. Wetlands were not identified on-site in the Ministry of Natural Resources and Forestry (MNRF) Natural Heritage maps or on the ERIS PSR wetland map. Based on aerial photographs, it is presumed that the depressions formed naturally on-site within the last decade. A watercourse is shown on the Ontario Base Map leading from the neighbouring property to the east (Goldfinch Park) to the Mer Bleue Bog (to the south). Wetlands and ANSI were not identified within the Phase One study area. Site features are shown on **Figure 4**.

One PCA was identified on-site related to the potential use of the site for vehicle, equipment, and/or soils storage during the development of surrounding areas. Based on the evaluation of the PCA, one APEC was identified on-site related to the importation of fill materials of unknown quality. The PCA and APEC are shown on **Figure 3** and **Figure 4**, respectively.

Underground utilities were not identified at the site. Drainage at the subject property is likely by infiltration and by overland flow on-site and stormwater catch basins to the south on Joshua Street.

Soils at the site were described as offshore marine deposits of clay and silt with low permeability. Bedrock at the site was described as shale, limestone, dolostone, and siltstone, of the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, the Collingwood Member, and the Eastview Member.

## **8.0 CONCLUSIONS**

CM3 Environmental was retained by Mr. Barry Boyd on behalf of the OCDSB to conduct a Phase One ESA for the property located at 700 Spring Valley Drive, Ottawa, Ontario. The Phase One ESA was completed in support of a Site Plan Control application with the City of Ottawa and not in support of the filing of a record of site condition. The Phase One ESA identified one APEC on the subject property related to the importation of fill materials of unknown quality.

### **8.1 Requirement for a Phase Two ESA**

Based on the above, a Phase Two ESA is required to characterize soil quality in the APEC. Groundwater at the site should be assessed if elevated concentrations of COCs are identified in the soil within the APEC.

## 9.0 REFERENCES

**Ontario Ministry of Environment, Conservation and Parks.** Guide for completing phase one environmental site assessments under Ontario Regulation 153/04. Available online at <https://www.ontario.ca/page/guide-completing-phase-one-environmental-site-assessments-under-ontario-regulation-15304>

**Province of Ontario.** Regulation 153/04 available online at <https://www.ontario.ca/laws/regulation/040153>

Canadian Standards Association. Z768-01 (R2012) Phase One Environmental Site Assessment

City of Ottawa Online Mapping Tool. Available online at: <https://maps.ottawa.ca/geoottawa/>

## 10.0 LIMITATIONS

This report has been prepared and the work referred to in this report has been undertaken by CM3 Environmental Inc. for the **Ottawa-Carleton District School Board**. It is intended for the sole and exclusive use of the **Ottawa-Carleton District School Board**, their affiliated companies and partners and their respective insurers, agents, employees, and advisors. Any use, reliance on, or decision made by any person other than the **Ottawa-Carleton District School Board** based on this report is the sole responsibility of such other person. CM3 Environmental Inc. and the **Ottawa-Carleton District School Board** make no representation or warranty to any other person with regard to this report and the work referred to in this report, and they accept no duty of care to any other person or any liability or responsibility whatsoever for any losses, expenses, damages, fines, penalties or other harm that may be suffered or incurred by any other person as a result of the use of, reliance on, any decision made or any action taken based on this report or the work referred to in this report.

The investigation undertaken by CM3 Environmental Inc. with respect to this report and any conclusions or recommendations made in this report reflect CM3 Environmental Inc.'s judgement based on the site conditions observed at the time of the site inspection on the date(s) set out in this report and on information available at the time of preparation of this report. This report has been prepared for specific application to this site and it is based, in part, upon visual observation of the site, as described in this report. Unless otherwise stated, the findings cannot be extended to previous or future site conditions, portions of the site which were unavailable for direct investigation. Substances other than those addressed by the investigation described in this report may exist within the site and substances addressed by the investigation may exist in areas of the site not investigated.

If site conditions or applicable standards change or if any additional information becomes available at a future date, modifications to the findings, conclusions and recommendations in this report may be necessary.

Other than by the **Ottawa-Carleton District School Board**, copying or distribution of this report or use of or reliance on the information contained herein, in whole or in part, is not permitted without the express written permission of CM3 Environmental Inc. Nothing in this report is intended to constitute or provide a legal opinion.

We trust that the above is satisfactory for your purposes at this time. Should you have any questions or concerns, please contact either of the undersigned.

Respectfully submitted,

**CM3 Environmental Inc.**



Ethan Risk, B.Eng.  
Project Manager



Marc MacDonald, P.Eng., QP, EP  
Principal



# **FIGURES**

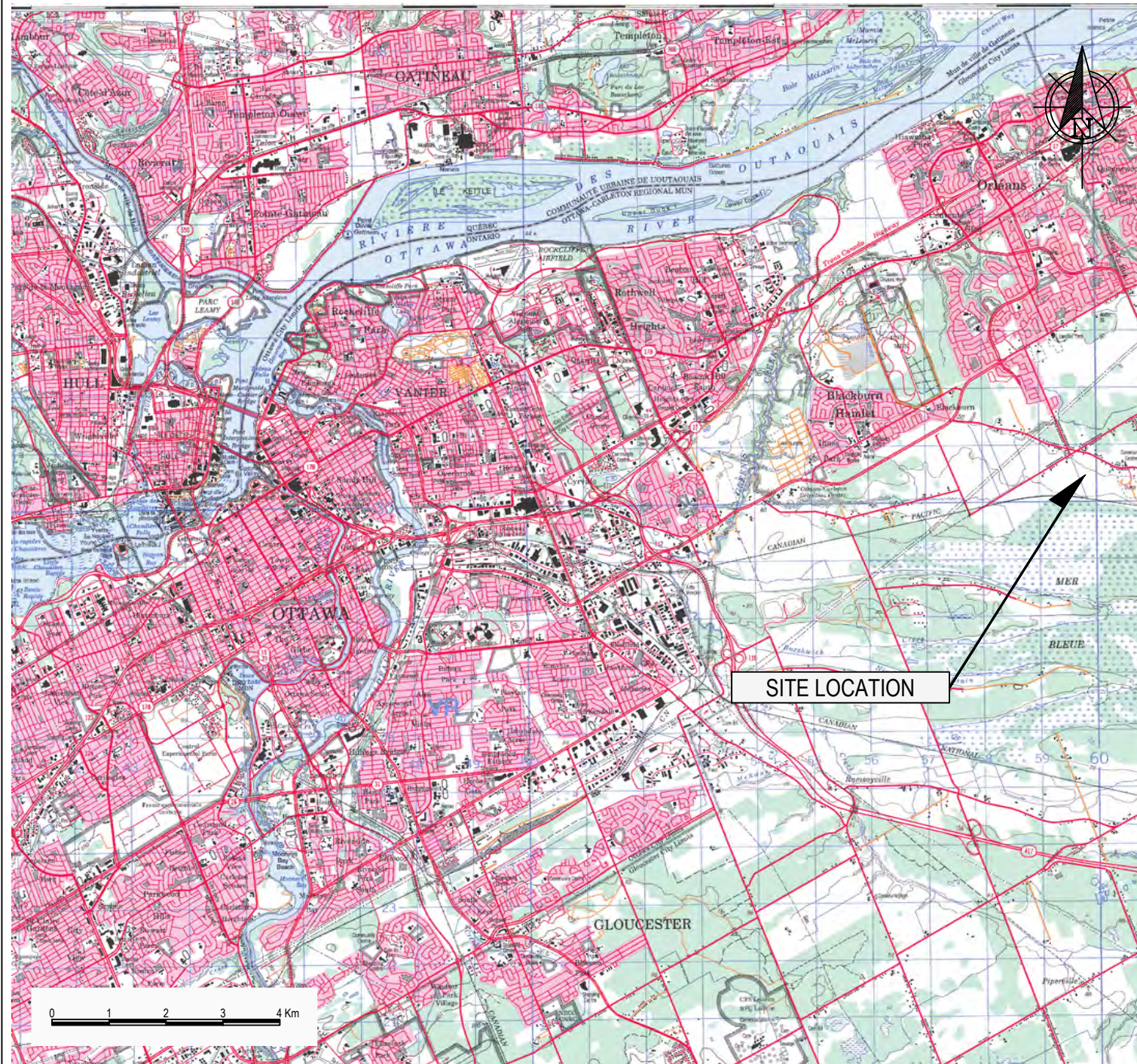
**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



**cm3**  
environmental

5710 AKINS ROAD, OTTAWA, ON  
K2S 1B8

PHASE ONE  
ENVIRONMENTAL SITE ASSESSMENT  
700 SPRING VALLEY DRIVE,  
OTTAWA, ONTARIO

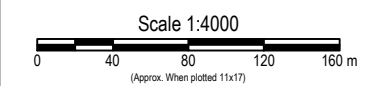
SITE LOCATION

Project:	ER1087	Drawn By:	KS
Date:	NOV 2024	Reviewed By:	ER
Scale:	AS SHOWN	Figure:	1



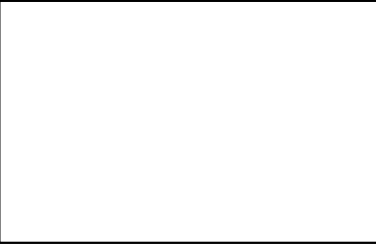
**LEGEND**

- SITE
- STUDY AREA 250 m RADIUS
- ZONING BOUNDARIES
- DR DEVELOPMENT RESERVE
- INS INSTITUTIONAL
- LC LOCAL COMMERCIAL
- RES RESIDENTIAL
- OS PARKS AND OPEN SPACE



**cm3**  
environmental

5710 AKINS ROAD, OTTAWA, ON  
K2S 1B8



PHASE ONE  
ENVIRONMENTAL SITE ASSESSMENT  
700 SPRING VALLEY DRIVE,  
OTTAWA, ONTARIO




STUDY AREA

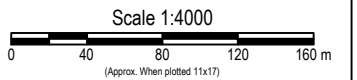
Project:	ER1087	Drawn By:	KS
Date:	NOV 2024	Reviewed By:	ER
Scale:	1:4000	Figure:	2

THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. NOT ALL STRUCTURES, UTILITIES OR SITE FEATURES ARE SHOWN. THIS DRAWING IS THE PROPERTY OF CM3 ENVIRONMENTAL LOANED TO THE RECIPIENT WHO AGREES THAT IT SHALL NOT BE GIVEN OUT, COPIED OR DUPLICATED FOR THE USE OF ANOTHER BUT SHALL BE USED ONLY BY THE RECIPIENT FOR THE PURPOSE TO WHICH IT REFERS.



LEGEND

-  SITE
-  STUDY AREA 250 m RADIUS
-  PCA LOCATION



5710 AKINS ROAD, OTTAWA, ON  
K2S 1B8

PHASE ONE  
ENVIRONMENTAL SITE ASSESSMENT  
700 SPRING VALLEY DRIVE,  
OTTAWA, ONTARIO

POTENTIALLY CONTAMINATING ACTIVITIES  
(PCAs)

Project:	ER1087	Drawn By:	KS
Date:	NOV 2024	Reviewed By:	ER
Scale:	1:4000	Figure:	3

THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. NOT ALL STRUCTURES, UTILITIES OR SITE FEATURES ARE SHOWN. THIS DRAWING IS THE PROPERTY OF CM3 ENVIRONMENTAL LOANED TO THE RECIPIENT WHO AGREES THAT IT SHALL NOT BE GIVEN OUT, COPIED OR DUPLICATED FOR THE USE OF ANOTHER BUT SHALL BE USED ONLY BY THE RECIPIENT FOR THE PURPOSE TO WHICH IT REFERS.



THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. NOT ALL STRUCTURES, UTILITIES OR SITE FEATURES ARE SHOWN. THIS DRAWING IS THE PROPERTY OF CM3 ENVIRONMENTAL. LOANED TO THE RECIPIENT WHO AGREES THAT IT SHALL NOT BE GIVEN OUT, COPIED OR DUPLICATED FOR THE USE OF ANOTHER BUT SHALL BE USED ONLY BY THE RECIPIENT FOR THE PURPOSE TO WHICH IT REFERS.

LEGEND

  PHASE I SITE

APEC:

APEC 1 -IMPORTATION OF FILL MATERIALS OF UNKNOWN QUALITY (ENTIRE SITE)

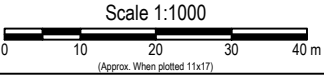
cm3

environmental

5710 AKINS ROAD, OTTAWA, ON  
K2S 1B8

PHASE ONE  
ENVIRONMENTAL SITE ASSESSMENT  
700 SPRING VALLEY DRIVE,  
OTTAWA, ONTARIO

AREA OF POTENTIAL  
ENVIRONMENTAL CONCERN



OTTAWA-CARLETON  
DISTRICT SCHOOL BOARD

Project:	ER1087	Drawn By:	KS
Date:	NOV 2024	Reviewed By:	ER
Scale:	1:1000	Figure:	4

# **APPENDIX A**

## **PHOTOGRAPHIC RECORD**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 1:** Looking north at the subject property from the public sidewalk along Joshua Street.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 2:** Looking east along the south property boundary and Joshua Street.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 3:** View of gravel fill at the south end of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 4:** View of concrete at the south end of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**

<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 5:** View of construction debris at the south end of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 6:** View of asphalt debris at the south end of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 7:** View of ponded water and long grasses at the south-east section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 8:** Looking north along the east property boundary. Goldfinch park is on the right side of the photo.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 9:** Looking west at the central east section of the subject property. Mounds of grass covered soil are in view.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 10:** Looking north-north-west at an untagged monitoring well in the south-east section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 11:** Looking north at ponded water and long grasses in the south section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**

<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 12:** Looking north along the west property boundary and Spring Valley Drive. A stormwater catch basin is in view at the north-east corner of Joshua Street and Spring Valley Drive.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 13:** Looking south-east at the west section of the subject property from the public sidewalk along Spring Valley Drive.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**

<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 14:** View of concrete debris on the west section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**

<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 15:** Looking east at the central-west tree covered section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 16:** Looking south-east at the central section of the subject property.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 17:** Looking south at the north adjacent property from Knotridge Street.

**APPENDIX A**  
**PHOTOGRAPHIC RECORD**



<b>Client:</b> Ottawa-Carleton District School Board	<b>Job Number:</b> ER1087
<b>Site Name:</b> Spring Valley	<b>Location:</b> 700 Spring Valley Drive, Ottawa, ON
<b>Photographer:</b> Ethan Risk	<b>Date:</b> May 22, 2024



**Photograph 18:** Looking south at the entrance to the Navan Road landfill.

**APPENDIX B**

**CHAIN OF TITLE**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**

## CHAIN OF TITLE REPORT

Project #: #24051500322  
 Address: 700 Spring Valley Drive, Ottawa  
 Legal: Block 131 Plan 4M1465  
 Description: \_\_\_\_\_

Searched at: Ottawa  
 LRO #: 4

PIN #: 04352-2047 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	01 08 1811	Crown	Ronald MCGILLIS
RO1280	Tax Deed	26 09 1831	Sheriff MacDonald (Ronald McGillis Defaulted in taxes)	George C. RANKIN
RO2682	Deed	02 04 1838	George C. Rankin	William OSBORNE
RO3466	Tax Deed	22 07 1842	Sheriff Treadwell (William Osborne Defaulted in taxes)	Simon FRASER
GL883	Deed	17 11 1871	Simon Fraser	George TAILLON
GL2407	Deed	27 04 1875	George Taillon	Robert J. PERRAULT
GL6166	Deed	02 07 1959	Robert J. Perrault - Estate	Louis J. PERRAULT
GL75516	Deed	21 10 1964	Louis J. Perrault	Perrodale Farms Limited
OC388116	Deed	30 09 2004	Perrodale Farms Limited	Claridge Homes (Carson) Inc.
OC2091401	Deed (Present Owner)	12 04 2019	Claridge Homes (Carson) Inc.	Ottawa-Carleton District School Board

LAND  
REGISTRY  
OFFICE #4

04352-2047 (LT)

PAGE 1 OF 2  
PREPARED FOR bertucci  
ON 2024/05/26 AT 20:05:39

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION: BLOCK 131, PLAN 4M1465; CITY OF OTTAWA

PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER, THE DATE OF REGISTRATION OF ABSOLUTE TITLE IS JUNE 11TH, 2008.

ESTATE/QUALIFIER: FEE SIMPLE  
LT ABSOLUTE PLUS

RECENTLY: SUBDIVISION FROM 04352-1726

PIN CREATION DATE: 2012/08/31

OWNERS' NAMES: OTTAWA-CARLETON DISTRICT SCHOOL BOARD

CAPACITY SHARE: ROWN

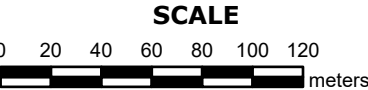
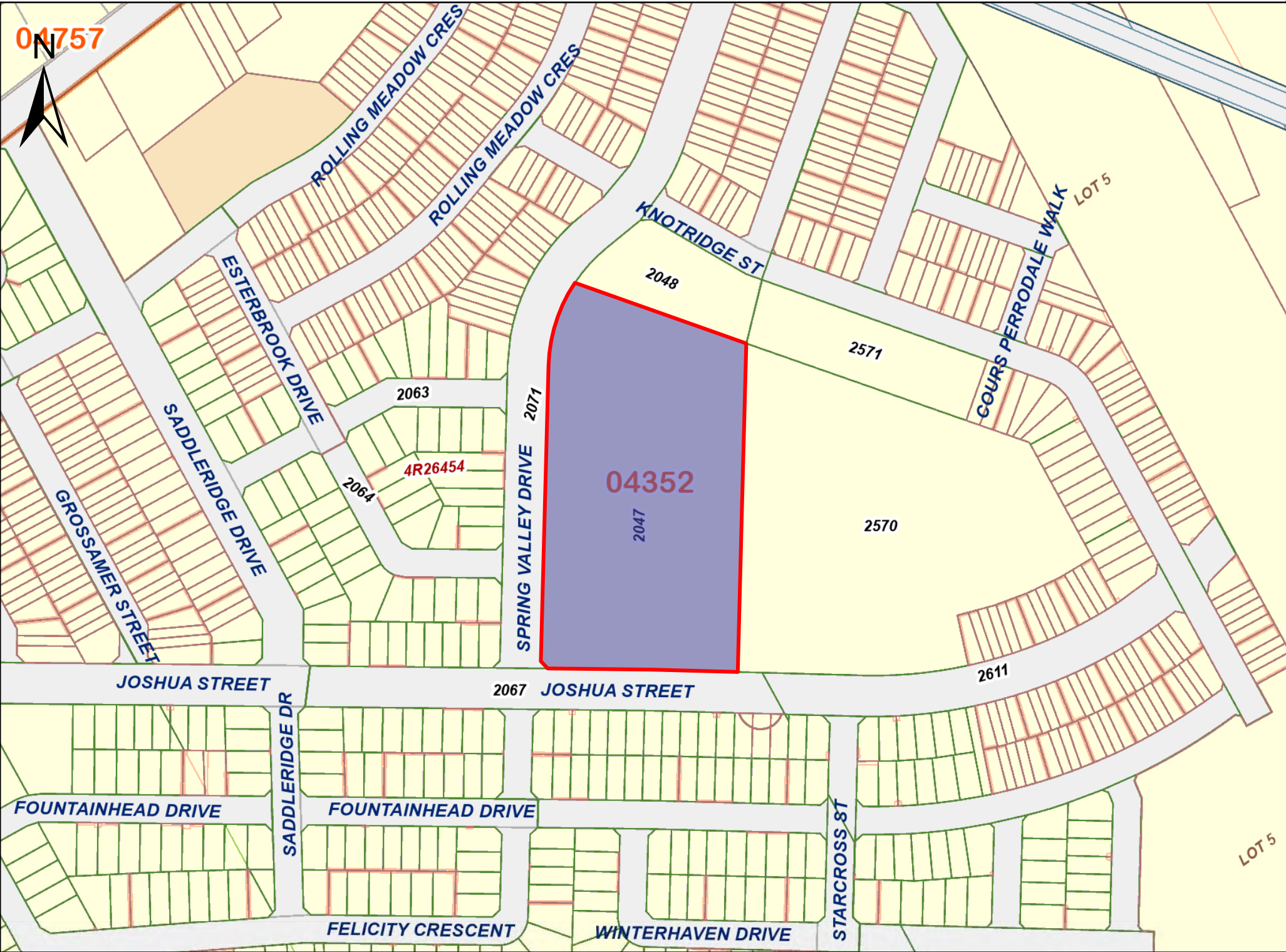
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2012/08/31 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
GL76495	1965/05/03	BYLAW				C
OC579227	2006/04/05	CHARGE		*** DELETED AGAINST THIS PROPERTY *** CLARIDGE HOMES (CARSON) INC.	BANK OF MONTREAL	
OC678727	2007/01/16	NOTICE	\$1	CITY OF OTTAWA	CLARIDGE HOMES (CARSON) INC. RIVARD, JEAN GUY MONARCH CORPORATION J.G. RIVARD LIMITED DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	C
OC708828	2007/04/19	BYLAW		CITY OF OTTAWA		C
REMARKS: HEREBY PERMANENTLY CLOSES AND DEPRIVES OF ITS CHARACTER AS A COMMON AND PUBLIC HIGHWAY. BY-LAW NO. 2007-132.						
OC806423	2007/12/10	CHARGE		*** DELETED AGAINST THIS PROPERTY *** CLARIDGE HOMES (CARSON) INC.	BANK OF MONTREAL	
4M1465	2012/08/29	PLAN SUBDIVISION				C
OC1403590	2012/08/29	NO SUB AGREEMENT		CITY OF OTTAWA	CLARIDGE HOMES (CARSON) INC.	C
REMARKS: DELETED FROM ALL LOTS, BLOCKS & STREET ON PLAN 1614 EXCEPT LOTS 1, 2, 15, 16, 27, 28, 49 & 50 - DOES NOT AFFECT THE LAND - 2022/10/27 - C. MURPHY, RSO						
OC1403591	2012/08/29	APL INH ORDER-LAND		*** DELETED AGAINST THIS PROPERTY *** CITY OF OTTAWA		
REMARKS: PLEASE SEE DOCUMENT FOR COMPLIANCE REQUIREMENTS						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC1410868	2012/09/20	POSTPONEMENT	\$3,009,140	*** DELETED AGAINST THIS PROPERTY *** BANK OF MONTREAL	CITY OF OTTAWA	C
OC1410869	2012/09/20	POSTPONEMENT		*** DELETED AGAINST THIS PROPERTY *** BANK OF MONTREAL	CITY OF OTTAWA	
OC2086464	2019/03/25	DISCH OF CHARGE		*** COMPLETELY DELETED *** BANK OF MONTREAL		
OC2087265	2019/03/28	APL DEL INH ORDER		*** COMPLETELY DELETED *** CITY OF OTTAWA		
OC2091401	2019/04/12	TRANSFER		CLARIDGE HOMES (CARSON) INC.	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	
OC2117721	2019/07/10	DISCH OF CHARGE		*** COMPLETELY DELETED *** BANK OF MONTREAL		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



PROPERTY INDEX MAP  
OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE  
PROPERTY INFORMATION AS THIS MAP MAY  
NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND  
DOCUMENTS RECORDED IN THE LAND  
REGISTRATION SYSTEM AND HAS BEEN PREPARED  
FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE  
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT  
REFERENCE PLANS ARE NOT ILLUSTRATED



**APPENDIX C**  
**CITY DIRECTORY**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



---

# CITY DIRECTORY

**Project Property:** *700 Spring Valley Drive  
700 Spring Valley Drive  
Ottawa, ON K1W 0C5*

**Project No:** *ER1087*

**Requested By:** *CM3 Environmental Inc.*

**Order No:** *24051500322*

**Date Completed:** *May 23, 2024*

## Environmental Risk Information Services

*A division of Glacier Media Inc.*

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

May 23, 2024  
RE: CITY DIRECTORY RESEARCH  
700 Spring Valley Drive  
Ottawa, ON K1W 0C5

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

**Search Criteria:**

700 of Spring Valley Drive

**Search Notes:**

Orleans, Ontario is last listed in 1991.

## Search Results Summary

**Data from 2012 to 2021 does not include residential information**

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006-2007	VERNONS	
2000	POLKS	
1993-1994	POLKS	
1991	MIGHTS	

### Environmental Risk Information Services

*A division of Glacier Media Inc.*

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

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

700 STREET NOT LISTED

700 STREET NOT LISTED

700 STREET NOT LISTED

STREET NOT LISTED

**APPENDIX D**

**FREEDOM OF INFORMATION DOCUMENTS**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



File Number: D06-03-24-0053

June 12, 2024

Ethan Risk  
CM3 Environmental

*Sent via email* ethan@cm3environmental.com

Dear Ethan Risk,

**Re: Information Request  
700 Spring Valley Drive Ottawa, Ontario ("Subject Property")**

**Internal Department Circulation:**

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

- **Environmental Remediation Unit:** The Environmental Remediation Unit has a buffer study completed for the Claridge Spring Valley subdivision in relation to the adjacent Navan Landfill site (Golder, 2013). Please contact [ERU-UAE@ottawa.ca](mailto:ERU-UAE@ottawa.ca) to obtain a copy of the report if required.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website: <https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** The City's Sewer Use Program has not found any information pertaining to the subject property.
- **Solid Waste Services:** The subject property is not within 5 kilometers of any Solid Waste Services facilities

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide](#)."

**Additional information may be obtained by contacting:**

**Ontario's Environmental Registry**

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

**The Ontario Land Registry Office**

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

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

**Ottawa Public Health**

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

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

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

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

If you have any further questions or comments, please contact [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca).

Sincerely,

**Jonathan Chan**

Student Planner

Development Review

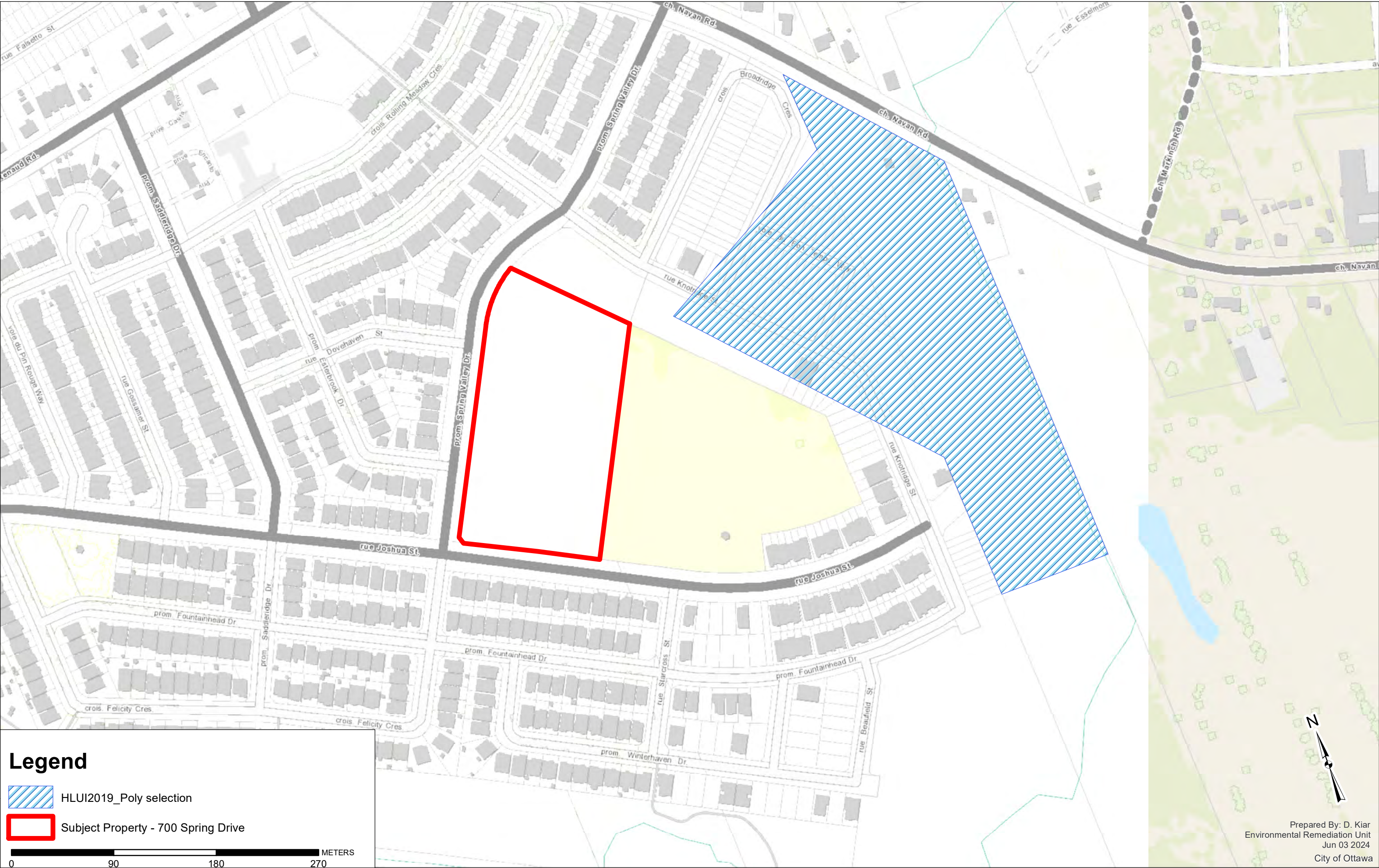
Planning, Development and Building Services Department

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-24-0053

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP





May 30, 2024

Mr. Ethan Risk  
CM3 Environmental  
5710 Akins Road  
Ottawa, Ontario K1S 1B8  
ethan@cm3environmental.com

Dear Ethan Risk:

RE: **MECP FOI A-2024-03124, Your Reference ER1087 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

700 Spring Valley Drive, Ottawa

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Adeolu Paul-Taiwo at [adeolu.paul-taiwo@ontario.ca](mailto:adeolu.paul-taiwo@ontario.ca).

Yours truly,

*Adeolu Paul-Taiwo*

for  
Josephine DeSouza  
Manager, Access and Privacy Office



345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772  
[www.tssa.org](http://www.tssa.org)

**22 May 2024**

Ethan Risk  
CM3 Environmental Inc.  
5710 Akins Road  
Ottawa, ON K2S 1B8

**Subject: 700 Spring Valley Dr, Orleans, Ontario, Canada, K1W 0C5**  
**Your File No.: ER1087**  
**WO No.: 14317805**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted address.

A search of TSSA public records **did not** locate any records relating to the following Program(s):

<b><u>Program</u></b>	<b><u>No Record</u></b>
<b>Fuels Safety</b>	<input checked="" type="checkbox"/>
<b>Boiler/Pressure Vessel</b>	<input type="checkbox"/>
<b>Elevating &amp; Amusement Devices</b>	<input type="checkbox"/>

\*\*For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Should you have any questions, please contact Public Information at [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org).

Yours truly,

*K. Gage*

Kimberly Gage  
Public Information Services

## **Limitations and Notices:**

### **General:**

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide **existing** records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

***Please Note:*** While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.

### **Change of Ownership**

Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at [www.tssa.org](http://www.tssa.org) under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

### **TSSA Fuels Safety:**

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.
- Be advised, TSSA Fuels Safety Division did not register:
  - private fuel underground/ aboveground storage tanks prior to January of 1990; and
  - furnace oil tanks prior to May 1, 2002.
- If records being released to you relate to private fuel outlets (“PFOs”) or fuel oil furnace tanks, please note the following:
  - PFOs are defined in O. Reg. 217/01 (Liquid Fuels), where “private outlet” means “any premise, other than a retail outlet, where gasoline or an associated product is put into the fuel tanks of motor vehicles or floating motorized watercraft or into portable containers”. After 2001, PFOs were no longer required to be licenced in Ontario. Thus, TSSA’s records and information regarding PFOs is dated and unverified.
  - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.
  - Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA’s Access and Privacy Code, the TSSA cautions against reliance on this information.

- In particular, because PFOs do not require a license and there is no requirement to submit any documentation to TSSA for review or approval, TSSA has limited information on these facilities. The TSSA cautions that any information provided may be inaccurate, incomplete, or out of date.
- Fuels Safety Division does not register
  - private waste oil tanks in apartments, office buildings, residences etc.; and
  - aboveground gas or diesel tanks.

- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

### ***TSSA Elevating & Amusement Devices Program Notice:***

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit. Compliance is the responsibility of the owner or operator of the device.
- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.
- Each report shows the details and date of the inspection conducted by TSSA at the requested location.
- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were subject to a "grandfathering-in" clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

### ***Federal Elevators***

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA's provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA's Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA's administration of the *Act*. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the *Act*, and outside of the scope of the TSSA's Access and Privacy Codes.

### ***Indigenous Lands***

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA's mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA's Access and Privacy Code does not apply to indigenous lands.

***TSSA Boilers and Pressure Vessels (BPVs) Program Notice:***

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.
- \*\*Inspection reports may not be submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.
- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.
- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.

## **APPENDIX E**

### **ERIS DATABASE REPORT**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



# DATABASE REPORT

<b>Project Property:</b>	<i>700 Spring Valley Drive 700 Spring Valley Drive Ottawa ON K1W 0C5</i>
<b>Project No:</b>	<i>ER1087</i>
<b>Report Type:</b>	<i>Standard Report</i>
<b>Order No:</b>	<i>24051500322</i>
<b>Requested by:</b>	<i>CM3 Environmental Inc.</i>
<b>Date Completed:</b>	<i>May 15, 2024</i>

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

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

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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.

**License for use of information in Report:** No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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# Executive Summary

## Property Information:

**Project Property:** 700 Spring Valley Drive  
700 Spring Valley Drive Ottawa ON K1W 0C5

**Project No:** ER1087

## **Coordinates:**

**Latitude:** 45.4266042  
**Longitude:** -75.5144631  
**UTM Northing:** 5,030,472.22  
**UTM Easting:** 459,754.29  
**UTM Zone:** UTM Zone 18T

**Elevation:** 251 FT  
76.56 M

## Order Information:

**Order No:** 24051500322  
**Date Requested:** May 15, 2024  
**Requested by:** CM3 Environmental Inc.  
**Report Type:** Standard Report

## Historical/Products:

<b>Aerial Photographs</b>	Aerials - National Collection
<b>City Directory Search</b>	CD - Subject Site
<b>ERIS Xplorer</b>	<a href="#">ERIS Xplorer</a>
<b>Insurance Products</b>	Fire Insurance Maps/Inspection Reports/Site Plans
<b>Land Title Search</b>	Historical Land Title Search
<b>Physical Setting Report (PSR)</b>	Physical Setting Report (PSR)
<b>Topographic Map</b>	Ontario Base Map (OBM)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
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	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</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
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</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	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>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	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		<hr/>			
<i>Total:</i>			0	3	3

# Executive Summary: Site Report Summary - Project Property

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

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

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	EHS		Spring Valley Drive at Joshua Street Ottawa ON K1W 0C2	ESE/35.2	-0.45	<a href="#"><u>13</u></a>
<a href="#"><u>2</u></a>	SPL		257 Joshua St. Ottawa ON	S/164.0	-3.92	<a href="#"><u>13</u></a>
<a href="#"><u>3</u></a>	HINC		319 SADDLERIDGE DRIVE OTTAWA ON	WSW/243.7	-4.71	<a href="#"><u>14</u></a>

# Executive Summary: Summary By Data Source

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	Spring Valley Drive at Joshua Street Ottawa ON K1W 0C2	ESE	35.23	<a href="#"><u>1</u></a>

## **HINC - TSSA Historic Incidents**

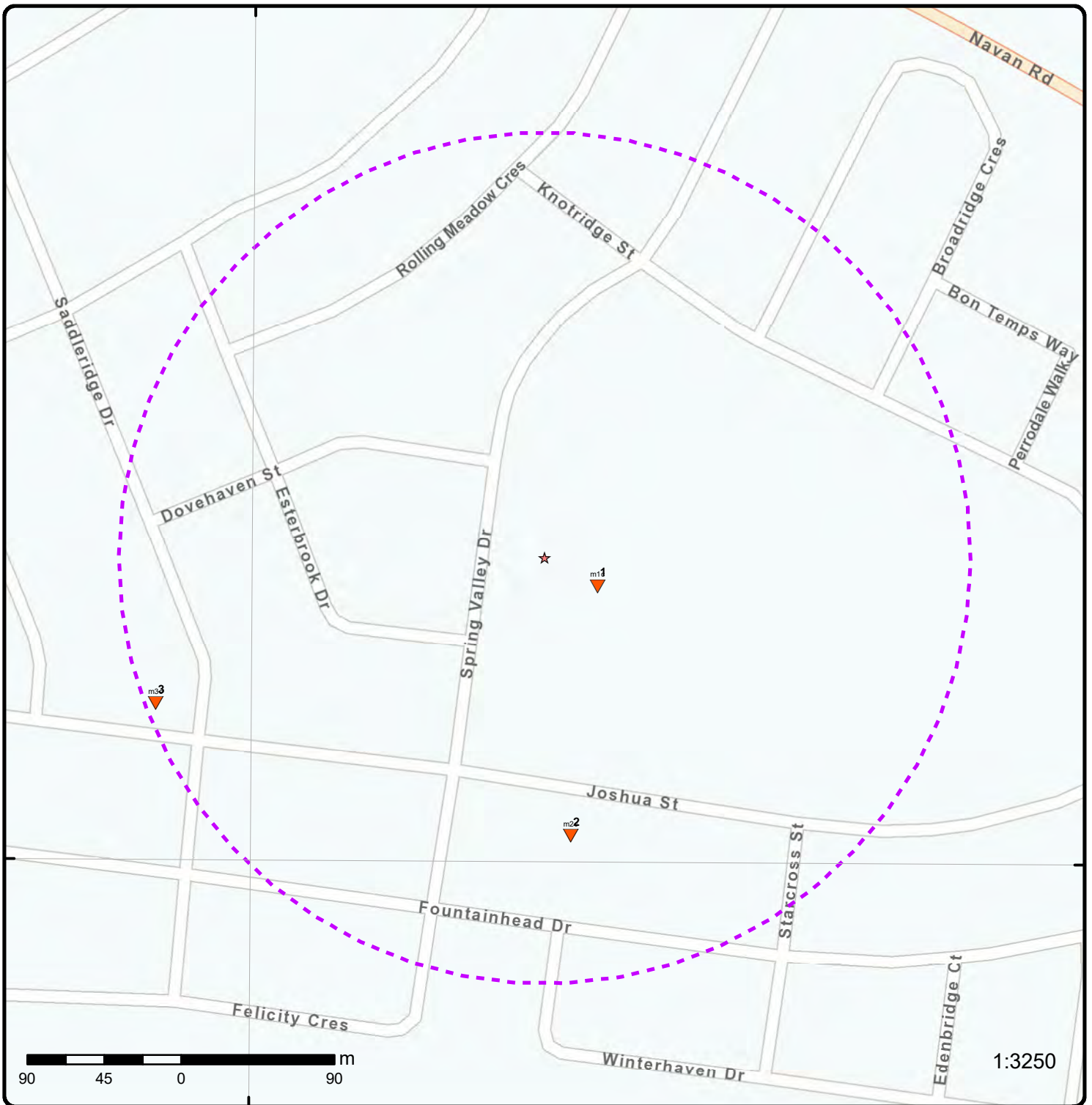
A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	319 SADDLERIDGE DRIVE OTTAWA ON	WSW	243.74	<a href="#"><u>3</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jan 2023; Mar 2023-Dec 2023 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	257 Joshua St. Ottawa ON	S	163.97	<a href="#"><u>2</u></a>



## Map: 0.25 Kilometer Radius

Order Number: 24051500322

Address: 700 Spring Valley Drive, Ottawa, ON

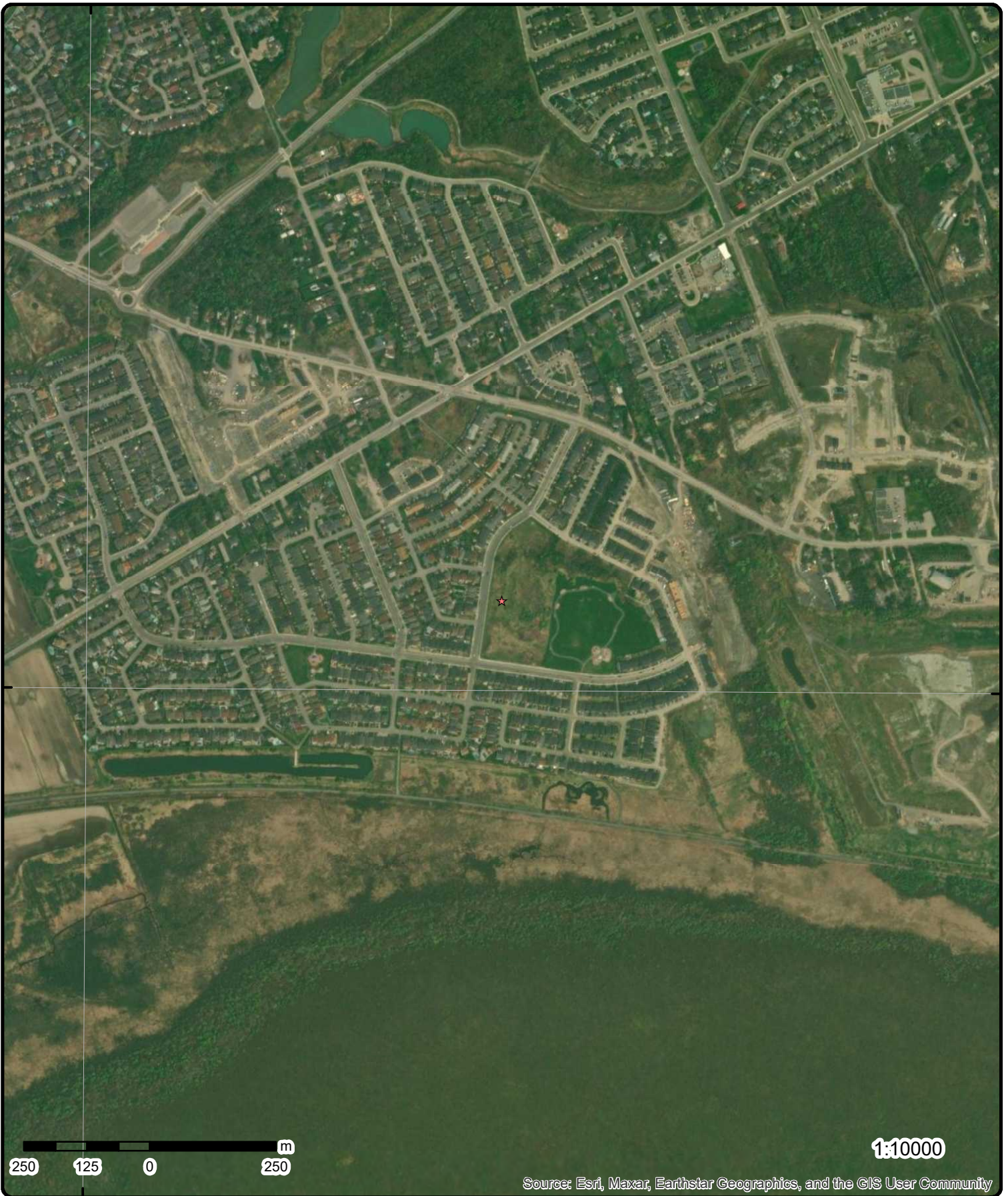


★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
⬡ Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°31'30"W

45°25'30"N

45°25'30"N



**Aerial**

**Year: 2023**

**Order Number: 24051500322**

**Address: 700 Spring Valley Drive, Ottawa, ON**



**Source:** ESRI World Imagery

© ERIS Information Limited Partnership

75°31'30"W

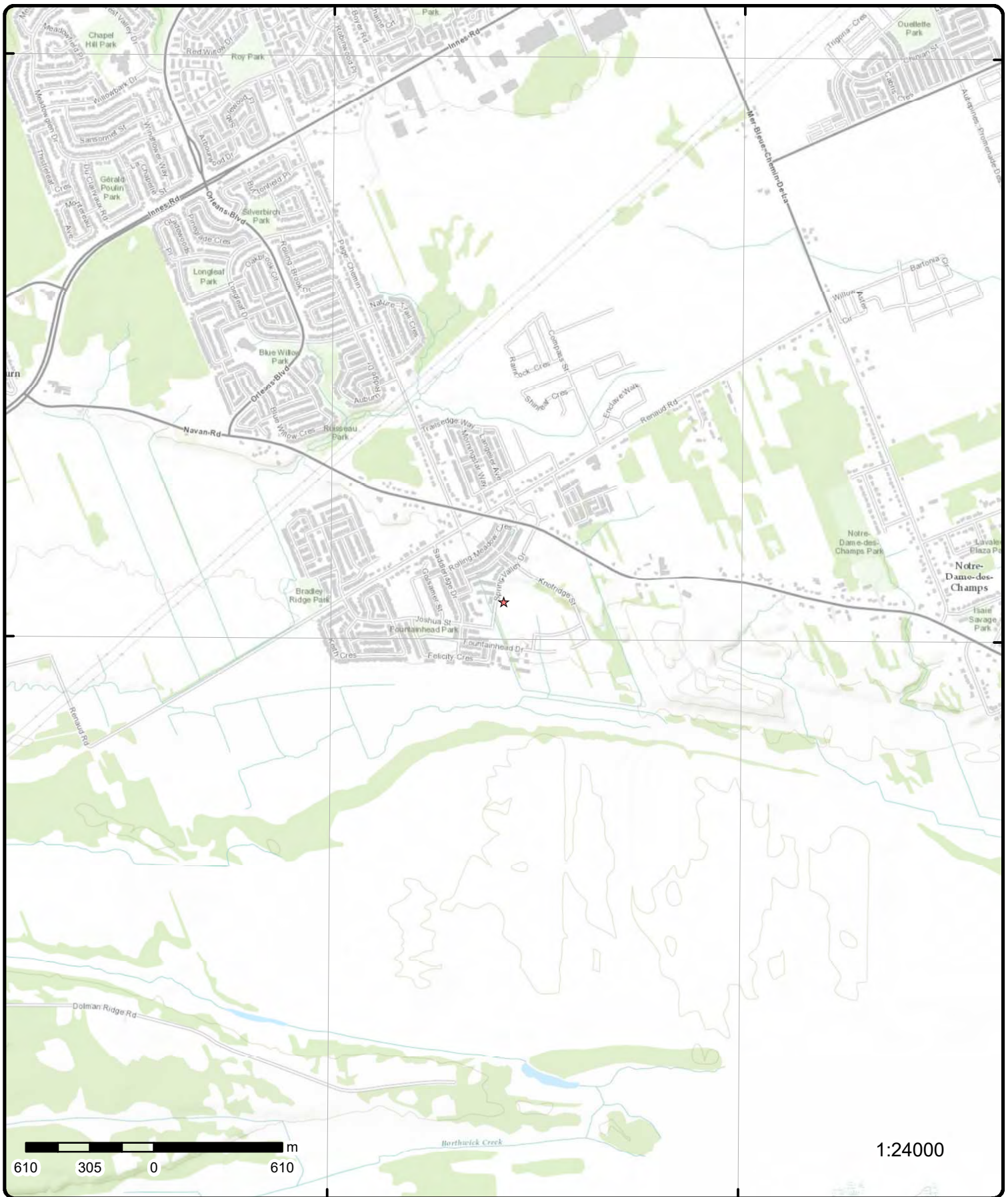
75°30"W

45°27'N

45°27'N

45°25'30"N

45°25'30"N



# Topographic Map

**Address: 700 Spring Valley Drive, ON**

**Source:** ESRI World Topographic Map

Order Number: 24051500322



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	ESE/35.2	76.1 / -0.45	Spring Valley Drive at Joshua Street Ottawa ON K1W 0C2	EHS
<b>Order No:</b> 20190123041 <b>Status:</b> C <b>Report Type:</b> RSC Report - Quote <b>Report Date:</b> 30-JAN-19 <b>Date Received:</b> 23-JAN-19 <b>Previous Site Name:</b> unknown <b>Lot/Building Size:</b> 7 acres <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory; Aerial Photos					
<b>Nearest Intersection:</b> <b>Municipality:</b> Ottawa <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .3 <b>X:</b> -75.514065 <b>Y:</b> 45.426456					
<a href="#">2</a>	1 of 1	S/164.0	72.6 / -3.92	257 Joshua St. Ottawa ON	SPL
<b>Ref No:</b> 4582-BA3LDR <b>Year:</b> <b>Incident Dt:</b> 3/8/2019 <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 3/8/2019 <b>Dt Document Closed:</b> 3/14/2019 <b>Site No:</b> NA <b>MOE Response:</b> No <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Site District Office:</b> Ottawa <b>Nearest Watercourse:</b> <b>Site Name:</b> Claridge Homes Construction <UNOFFICIAL> <b>Site Address:</b> 257 Joshua St. <b>Site Region:</b> Eastern <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>Northing:</b> 5030328.63 <b>Easting:</b> 459778.8 <b>Incident Cause:</b> <b>Incident Event:</b> Leak/Break <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Contaminant Qty:</b> 2 L <b>System Facility Address:</b> <b>Client Name:</b> <b>Client Type:</b> <b>Source Type:</b> Tank - Above Ground <b>Contaminant Code:</b> 36 <b>Contaminant Name:</b> PROPANE <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> 1978 <b>Receiving Medium:</b> Air <b>Incident Reason:</b> Blockage <b>Incident Summary:</b> Claridge Homes: Leaking Propane Tank - Fixed					
<b>Municipality No:</b> <b>Nature of Damage:</b> <b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> 2 - Minor Environment <b>Agency Involved:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Activity Preceding Spill:</b> <b>Property 2nd Watershed:</b> <b>Property Tertiary Watershed:</b> <b>Sector Type:</b> Miscellaneous Industrial <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Call Report Locatn Geodata:</b>					
<a href="#">3</a>	1 of 1	WSW/243.7	71.8 / -4.71	319 SADDLERIDGE DRIVE OTTAWA ON	HINC
<b>External File Num:</b> FS INC 0904-01781 <b>Fuel Occurrence Type:</b> Pipeline Strike <b>Date of Occurrence:</b> 3/31/2009 <b>Fuel Type Involved:</b> Natural Gas <b>Status Desc:</b> Completed - Causal Analysis(End) <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS) <b>Oper. Type Involved:</b> Construction Site (pipeline strike) <b>Service Interruptions:</b> No <b>Property Damage:</b> Yes <b>Fuel Life Cycle Stage:</b> Transmission, Distribution and Transportation <b>Root Cause:</b> Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:Yes <b>Reported Details:</b> <b>Fuel Category:</b> Gaseous Fuel <b>Occurrence Type:</b> Incident <b>Affiliation:</b> Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) <b>County Name:</b> Ottawa <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>					

# Unplottable Summary

Total: 23 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	Claridge Homes (Carson) Inc.		Ottawa ON	K2P 0Y6
SPL	Taggart Construction Limited		Ottawa ON	
WWIS		lot 5	ON	
WWIS		con 4	ON	
WWIS		lot 5	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 6	ON	
WWIS		lot 5	ON	

WWIS	lot 6	ON
WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 5	ON

# Unplottable Report

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**Site:** Taggart Construction Limited  
Mobile Facility Ottawa ON

**Database:**  
CA

**Certificate #:** 0636-7KEL2F  
**Application Year:** 2008  
**Issue Date:** 11/19/2008  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Claridge Homes (Carson) Inc.  
Ottawa ON

**Database:**  
CA

**Certificate #:** 8697-6Z5TCD  
**Application Year:** 2007  
**Issue Date:** 4/17/2007  
**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:** Claridge Homes (Carson) Inc.  
Ottawa ON

**Database:**  
CA

**Certificate #:** 9611-7PUSMB  
**Application Year:** 2009  
**Issue Date:** 3/9/2009  
**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:** Taggart Construction Limited  
Ottawa ON

**Database:**  
CONV

**File No:** 012802  
**Crown Brief No:**

**Location:**  
**Region:**

**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:**

**Ministry District:**

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

**Background:**  
**URL:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:** OWRA  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** January 15, 2009  
**Charge Disposition:** fine, victim fine surcharge  
**Fine:** \$5,000  
**Synopsis:**

**Site:** **Taggart Construction Limited**  
**Mobile Facility Ottawa Ontario Ottawa ON**

**Database:**  
**EBR**

<b>EBR Registry No:</b>	IA07E0165	<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	8556-6XWUA3	<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision	<b>Section:</b>	
<b>Notice Stage:</b>		<b>Act 1:</b>	
<b>Notice Date:</b>	December 09, 2008	<b>Act 2:</b>	
<b>Proposal Date:</b>	January 30, 2007	<b>Site Location Map:</b>	
<b>Year:</b>	2007		
<b>Instrument Type:</b>	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
<b>Off Instrument Name:</b>			
<b>Posted By:</b>			
<b>Company Name:</b>	Taggart Construction Limited		
<b>Site Address:</b>			
<b>Location Other:</b>			
<b>Proponent Name:</b>			
<b>Proponent Address:</b>	3187 Albion Rd S, Ottawa Ontario, K1V 8Y3		
<b>Comment Period:</b>			
<b>URL:</b>			

**Site Location Details:**

Mobile Facility Ottawa Ontario Ottawa

**Site:** Taggart Construction Limited  
Mobile Facility Ottawa ON K1V 8Y3

**Database:**  
ECA

**Approval No:** 0636-7KEL2F  
**Approval Date:** 2008-11-19  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-AIR  
**Project Type:** AIR  
**Business Name:** Taggart Construction Limited  
**Address:** Mobile Facility  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf>  
**PDF Site Location:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** Claridge Homes (Carson) Inc.  
Ottawa ON K2P 0Y6

**Database:**  
ECA

**Approval No:** 8741-AU3KP5  
**Approval Date:** 2017-12-20  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Claridge Homes (Carson) Inc.  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1645-ATXMXA-14.pdf>  
**PDF Site Location:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** Taggart Construction Limited  
Ottawa ON

**Database:**  
SPL

**Ref No:** 7584-BB3KRQ  
**Year:**  
**Incident Dt:** 4/4/2019  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 4/9/2019  
**Dt Document Closed:**  
**Site No:** NA  
**MOE Response:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Site District Office:** Ottawa  
**Nearest Watercourse:**  
**Site Name:** 1896 John Quinn rd, Metcalfe<UNOFFICIAL>  
**Site Address:**  
**Site Region:** Eastern  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**Northing:**  
**Easting:**  
**Incident Cause:**  
**Incident Event:**  
**Environment Impact:**  
**Nature of Impact:**  
**Contaminant Qty:**  
**System Facility Address:**  
**Client Name:** Taggart Construction Limited

**Municipality No:**  
**Nature of Damage:**  
**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Agency Involved:**

**Client Type:** Corporation  
**Source Type:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Receiving Medium:**  
**Incident Reason:**  
**Incident Summary:** Mobile Crusher Relocation - 2019  
**Activity Preceding Spill:**  
**Property 2nd Watershed:**  
**Property Tertiary Watershed:**  
**Sector Type:**  
**SAC Action Class:**  
**Call Report Locatn Geodata:**

**Site:** **lot 5 ON** **Database:** **WWIS**

<b>Well ID:</b>	1520605	<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>		<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic	<b>Data Entry Status:</b>	
<b>Use 2nd:</b>		<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply	<b>Date Received:</b>	08/12/1986
<b>Water Type:</b>		<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>		<b>Abandonment Rec:</b>	
<b>Audit No:</b>	NA	<b>Contractor:</b>	3644
<b>Tag:</b>		<b>Form Version:</b>	1
<b>Constructn Method:</b>		<b>Owner:</b>	
<b>Elevation (m):</b>		<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>		<b>Lot:</b>	005
<b>Depth to Bedrock:</b>		<b>Concession:</b>	
<b>Well Depth:</b>		<b>Concession Name:</b>	
<b>Overburden/Bedrock:</b>		<b>Easting NAD83:</b>	
<b>Pump Rate:</b>		<b>Northing NAD83:</b>	
<b>Static Water Level:</b>		<b>Zone:</b>	
<b>Clear/Cloudy:</b>		<b>UTM Reliability:</b>	
<b>Municipality:</b>	GLOUCESTER TOWNSHIP		
<b>Site Info:</b>			

#### Bore Hole Information

<b>Bore Hole ID:</b>	10042447	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	06/25/1986	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 931045292  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY

Mat1: 14  
Most Common Material: HARDPAN  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 50.0  
Formation End Depth: 63.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931045291  
Layer: 2  
Color: 3  
General Color: BLUE  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 10.0  
Formation End Depth: 50.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931045290  
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: 10.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931045293  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 63.0  
Formation End Depth: 84.0  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961520605  
Method Construction Code: 5

**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10591017  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930074088  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 84.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930074087  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 63.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991520605  
**Pump Set At:**  
**Static Level:** 20.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 15.0  
**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:** 934906159  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 50.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934112491

Test Type:  
Test Duration: 15  
Test Level: 50.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934387354  
Test Type:  
Test Duration: 30  
Test Level: 50.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934648377  
Test Type:  
Test Duration: 45  
Test Level: 50.0  
Test Level UOM: ft

**Water Details**

Water ID: 933477897  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 78.0  
Water Found Depth UOM: ft

**Site:**  
con 4 ON

**Database:**  
WWIS

Well ID: 1517523  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No:  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 03/20/1981  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1558  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot:  
Concession: 04  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10039395  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 02/24/1981  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM

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

**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Formation ID:** 931035449  
**Layer:** 1  
**Color:** 7  
**General Color:** RED  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931035451  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 79  
**Mat3 Desc:** PACKED  
**Formation Top Depth:** 175.0  
**Formation End Depth:** 185.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931035450  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 10.0  
**Formation End Depth:** 175.0  
**Formation End Depth UOM:** ft

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

**Method Construction ID:** 961517523  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

Pipe ID: 10587965  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930068901  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 184.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930068902  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 185.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: BAILER  
Pump Test ID: 991517523  
Pump Set At:  
Static Level: 40.0  
Final Level After Pumping: 105.0  
Recommended Pump Depth: 120.0  
Pumping Rate: 7.0  
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: 2  
Pumping Duration HR: 3  
Pumping Duration MIN: 0  
Flowing: No

**Draw Down & Recovery**

Pump Test Detail ID: 934102054  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 105.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934645364  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 105.0  
Test Level UOM: ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934895056  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 105.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934384288  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 105.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933474010  
**Layer:** 1  
**Kind Code:** 2  
**Kind:** SALTY  
**Water Found Depth:** 184.0  
**Water Found Depth UOM:** ft

**Site:**

lot 5 ON

**Database:**  
**WWIS**

**Well ID:** 7417854  
**Construction Date:**  
**Use 1st:**  
**Use 2nd:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** C54377  
**Tag:** A299948  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:** Yes  
**Data Src:**  
**Date Received:** 05/19/2022  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 7328  
**Form Version:** 8  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 005  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1009043836  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04/08/2022  
**Remarks:**  
**Loc Method Desc:** on Water Well Record  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:** 447888.00  
**North83:** 5031583.00  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

Source Revision Comment:  
Supplier Comment:

**Site:**  
lot 6 ON

**Database:**  
WWIS

**Well ID:** 1520608  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** NA  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 08/12/1986  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 006  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10042450  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 05/06/1986  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931045302  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 82  
**Mat2 Desc:** SHALY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 27.0  
**Formation End Depth:** 120.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931045300

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: 18.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931045301  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 18.0  
Formation End Depth: 27.0  
Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961520608  
Method Construction Code: 5  
Method Construction: Air Percussion  
Other Method Construction:

**Pipe Information**

Pipe ID: 10591020  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930074093  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 120.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930074092  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 29.0  
Casing Diameter: 6.0

Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: PUMP  
Pump Test ID: 991520608  
Pump Set At:  
Static Level: 15.0  
Final Level After Pumping: 40.0  
Recommended Pump Depth: 40.0  
Pumping Rate: 7.0  
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: 934387357  
Test Type:  
Test Duration: 30  
Test Level: 40.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934648380  
Test Type:  
Test Duration: 45  
Test Level: 40.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934112494  
Test Type:  
Test Duration: 15  
Test Level: 40.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934907141  
Test Type:  
Test Duration: 60  
Test Level: 40.0  
Test Level UOM: ft

**Water Details**

Water ID: 933477900  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 40.0  
Water Found Depth UOM: ft

### Water Details

**Water ID:** 933477901  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 115.0  
**Water Found Depth UOM:** ft

### Site:

lot 6 ON

**Database:**  
**WWIS**

**Well ID:** 1522283  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 25126  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 05/17/1988  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 006  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

### Bore Hole Information

**Bore Hole ID:** 10044096  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04/15/1988  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

### Overburden and Bedrock Materials Interval

**Formation ID:** 931050812  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 20.0  
**Formation End Depth:** 68.0  
**Formation End Depth UOM:** ft

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

Formation ID: 931050813  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 28  
Most Common Material: SAND  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 79  
Mat3 Desc: PACKED  
Formation Top Depth: 68.0  
Formation End Depth: 82.0  
Formation End Depth UOM: ft

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

Formation ID: 931050811  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2: 79  
Mat2 Desc: PACKED  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 8.0  
Formation End Depth: 20.0  
Formation End Depth UOM: ft

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

Formation ID: 931050814  
Layer: 5  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 82.0  
Formation End Depth: 85.0  
Formation End Depth UOM: ft

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

Formation ID: 931050810  
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:** 8.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961522283  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10592666  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077120  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 85.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930077119  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 83.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991522283  
**Pump Set At:**  
**Static Level:** 12.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 60.0  
**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:** 934385794

Test Type: Draw Down  
Test Duration: 30  
Test Level: 50.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109811  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 50.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903458  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 50.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655043  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 50.0  
Test Level UOM: ft

Water Details

Water ID: 933480113  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 84.0  
Water Found Depth UOM: ft

Site:  
lot 6 ON

Database:  
[WWIS](#)

Well ID: 1522709  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 27039  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 10/26/1988  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 3644  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 006  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044519 Elevation:

<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	07/25/1988	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

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

<b>Formation ID:</b>	931052357
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	23.0
<b>Formation End Depth:</b>	95.0
<b>Formation End Depth UOM:</b>	ft

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

<b>Formation ID:</b>	931052356
<b>Layer:</b>	1
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	14
<b>Most Common Material:</b>	HARDPAN
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0.0
<b>Formation End Depth:</b>	23.0
<b>Formation End Depth UOM:</b>	ft

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

<b>Formation ID:</b>	931052358
<b>Layer:</b>	3
<b>Color:</b>	1
<b>General Color:</b>	WHITE
<b>Mat1:</b>	18
<b>Most Common Material:</b>	SANDSTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	95.0
<b>Formation End Depth:</b>	123.0
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well Use**

**Method Construction ID:** 961522709  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10593089  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077853  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 26.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930077854  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 123.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991522709  
**Pump Set At:**  
**Static Level:** 20.0  
**Final Level After Pumping:** 70.0  
**Recommended Pump Depth:** 70.0  
**Pumping Rate:** 30.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 15.0  
**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:** 934656258  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 70.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905075  
Test Type:  
Test Duration: 60  
Test Level: 70.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386882  
Test Type:  
Test Duration: 30  
Test Level: 70.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111038  
Test Type:  
Test Duration: 15  
Test Level: 70.0  
Test Level UOM: ft

Water Details

Water ID: 933480703  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 95.0  
Water Found Depth UOM: ft

Water Details

Water ID: 933480704  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 118.0  
Water Found Depth UOM: ft

Site:  
lot 6 ON

Database:  
WWIS

Well ID: 1528362  
Construction Date:  
Use 1st: Municipal  
Use 2nd:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 154297  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 12/19/1994  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 006  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	10049901	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	06/22/1994	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931069429
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	84
<b>Mat2 Desc:</b>	SILTY
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	11.0
<b>Formation End Depth:</b>	17.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931069428
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	84
<b>Mat2 Desc:</b>	SILTY
<b>Mat3:</b>	11
<b>Mat3 Desc:</b>	GRAVEL
<b>Formation Top Depth:</b>	2.0
<b>Formation End Depth:</b>	11.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931069427
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	01
<b>Most Common Material:</b>	FILL
<b>Mat2:</b>	28

**Mat2 Desc:** SAND  
**Mat3:** 11  
**Mat3 Desc:** GRAVEL  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528362  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598471  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087230  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 15.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Water Details**

**Water ID:** 933488022  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 4.0  
**Water Found Depth UOM:** ft

**Site:**

**lot 5 ON**

**Database:**  
**WWIS**

**Well ID:** 1530295  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 192714  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/24/1998  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1119  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 005  
**Concession:**  
**Concession Name:** LI  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	10051830	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	08/11/1998	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

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

<b>Formation ID:</b>	931075083
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND
<b>Mat2:</b>	11
<b>Mat2 Desc:</b>	GRAVEL
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	22.0
<b>Formation End Depth:</b>	30.0
<b>Formation End Depth UOM:</b>	ft

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

<b>Formation ID:</b>	931075084
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	30.0
<b>Formation End Depth:</b>	80.0
<b>Formation End Depth UOM:</b>	ft

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

<b>Formation ID:</b>	931075082
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	13
<b>Mat2 Desc:</b>	BOULDERS
<b>Mat3:</b>	

**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 22.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933115430  
**Layer:** 1  
**Plug From:** 2.0  
**Plug To:** 38.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961530295  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10600400  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930090313  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 36.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090314  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 38.0  
**Casing Diameter:** 8.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090315  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 80.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

### Results of Well Yield Testing

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991530295  
**Pump Set At:**  
**Static Level:** 25.0  
**Final Level After Pumping:** 65.0  
**Recommended Pump Depth:** 65.0  
**Pumping Rate:** 18.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 18.0  
**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:** 934118296  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 25.0  
**Test Level UOM:** ft

### Draw Down & Recovery

**Pump Test Detail ID:** 934392863  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 25.0  
**Test Level UOM:** ft

### Draw Down & Recovery

**Pump Test Detail ID:** 934662434  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 25.0  
**Test Level UOM:** ft

### Draw Down & Recovery

**Pump Test Detail ID:** 934910978  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 25.0  
**Test Level UOM:** ft

### Water Details

**Water ID:** 933490360  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 57.0  
**Water Found Depth UOM:** ft

### Water Details

**Water ID:** 933490362

Layer: 3  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 74.0  
Water Found Depth UOM: ft

**Water Details**

Water ID: 933490361  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 66.0  
Water Found Depth UOM: ft

**Site:**  
lot 5 ON

**Database:**  
**WWIS**

Well ID: 1530296  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 182440  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality:  
Site Info: GLOUCESTER TOWNSHIP

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 11/24/1998  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1119  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 005  
Concession:  
Concession Name: LI  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10051831  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/11/1998  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

Formation ID: 931075086  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE

Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 27.0  
Formation End Depth: 61.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931075085  
Layer: 1  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 13  
Mat3 Desc: BOULDERS  
Formation Top Depth: 0.0  
Formation End Depth: 27.0  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933115431  
Layer: 1  
Plug From: 3.0  
Plug To: 35.0  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961530296  
Method Construction Code: 5  
Method Construction: Air Percussion  
Other Method Construction:

**Pipe Information**

Pipe ID: 10600401  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930090318  
Layer: 3  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 61.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930090316  
Layer: 1

**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 33.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090317  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 35.0  
**Casing Diameter:** 8.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991530296  
**Pump Set At:**  
**Static Level:** 21.0  
**Final Level After Pumping:** 50.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 24.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 24.0  
**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:** 934118297  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910979  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934392864  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934662435  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933490363  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 44.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933490365  
**Layer:** 3  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 52.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933490364  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 50.0  
**Water Found Depth UOM:** ft

**Site:**  
**lot 6 ON**

**Database:**  
**WWIS**

**Well ID:** 1500388  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** OTTAWA CITY (GLOUCESTER)  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 02/26/1948  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1107  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 006  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10022433  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**

Cluster Kind:  
Date Completed: 10/14/1947  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

Overburden and Bedrock  
Materials Interval

Formation ID: 930989140  
Layer: 1  
Color:  
General Color:  
Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 3.0  
Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 930989141  
Layer: 2  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 3.0  
Formation End Depth: 20.0  
Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 930989143  
Layer: 4  
Color:  
General Color:  
Mat1: 26  
Most Common Material: ROCK  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 25.0  
Formation End Depth: 59.0  
Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 930989142

Layer: 3  
Color:  
General Color:  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 20.0  
Formation End Depth: 25.0  
Formation End Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID: 961500388  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

**Pipe Information**

Pipe ID: 10571003  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930037801  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 59.0  
Casing Diameter: 4.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930037800  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 25.0  
Casing Diameter: 4.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: BAILER  
Pump Test ID: 991500388  
Pump Set At:  
Static Level: 1.0  
Final Level After Pumping: 1.0  
Recommended Pump Depth:  
Pumping Rate: 8.0  
Flowing Rate:  
Recommended Pump Rate: 8.0  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1

**Water State After Test:** CLEAR  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 30  
**Flowing:** No

#### Water Details

**Water ID:** 933452905  
**Layer:** 1  
**Kind Code:** 3  
**Kind:** SULPHUR  
**Water Found Depth:** 59.0  
**Water Found Depth UOM:** ft

**Site:**  
 lot 5 ON

**Database:**  
 WWIS

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

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 02/26/1948  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1107  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 005  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### Bore Hole Information

**Bore Hole ID:** 10022422  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 07/24/1947  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 930989112  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND

Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 15.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

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

**Overburden and Bedrock  
Materials Interval**

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

**Method of Construction & Well  
Use**

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

**Pipe Information**

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

**Construction Record - Casing**

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

Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

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

**Results of Well Yield Testing**

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

**Water Details**

Water ID: 933452894  
Layer: 1  
Kind Code: 4  
Kind: MINERIAL  
Water Found Depth: 89.0  
Water Found Depth UOM: ft

**Site:**  
lot 6 ON

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

Well ID: 1535511  
Construction Date:  
Use 1st:  
Use 2nd:  
Final Well Status:  
Water Type:  
Casing Material:  
Audit No: Z17640  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: 15000  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src:  
Date Received: 05/28/2005  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6907  
Form Version: 3  
Owner:  
County: OTTAWA-CARLETON  
Lot: 006  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

<b>Bore Hole ID:</b>	11316050	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	
<b>Date Completed:</b>	04/11/2005	<b>UTMRC Desc:</b>	
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Method of Construction & Well Use**

<b>Method Construction ID:</b>	961535511
<b>Method Construction Code:</b>	B
<b>Method Construction:</b>	Other Method
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	11330905
<b>Casing No:</b>	1
<b>Comment:</b>	
<b>Alt Name:</b>	

<b>Site:</b>	lot 5 ON	<b>Database:</b>	WWIS
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<b>Well ID:</b>	1530916	<b>Flowing (Y/N):</b>	
<b>Construction Date:</b>		<b>Flow Rate:</b>	
<b>Use 1st:</b>	Domestic	<b>Data Entry Status:</b>	
<b>Use 2nd:</b>		<b>Data Src:</b>	1
<b>Final Well Status:</b>	Water Supply	<b>Date Received:</b>	12/17/1999
<b>Water Type:</b>		<b>Selected Flag:</b>	TRUE
<b>Casing Material:</b>		<b>Abandonment Rec:</b>	
<b>Audit No:</b>	210553	<b>Contractor:</b>	1119
<b>Tag:</b>		<b>Form Version:</b>	1
<b>Constructn Method:</b>		<b>Owner:</b>	
<b>Elevation (m):</b>		<b>County:</b>	OTTAWA-CARLETON
<b>Elevatn Reliabilty:</b>		<b>Lot:</b>	005
<b>Depth to Bedrock:</b>		<b>Concession:</b>	
<b>Well Depth:</b>		<b>Concession Name:</b>	LI
<b>Overburden/Bedrock:</b>		<b>Easting NAD83:</b>	
<b>Pump Rate:</b>		<b>Northing NAD83:</b>	
<b>Static Water Level:</b>		<b>Zone:</b>	
<b>Clear/Cloudy:</b>		<b>UTM Reliability:</b>	
<b>Municipality:</b>	GLOUCESTER TOWNSHIP		
<b>Site Info:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10052450	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	

**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/18/1999  
**Remarks:**  
**Loc Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

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

**Formation ID:** 931076940  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 37.0  
**Formation End Depth:** 60.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931076939  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 37.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933116087  
**Layer:** 1  
**Plug From:** 2.0  
**Plug To:** 46.0  
**Plug Depth UOM:** ft

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

**Method Construction ID:** 961530916  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10601020

Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930091618  
Layer: 3  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 60.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930091617  
Layer: 2  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 46.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930091616  
Layer: 1  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 44.0  
Casing Diameter: 8.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: PUMP  
Pump Test ID: 991530916  
Pump Set At:  
Static Level: 23.0  
Final Level After Pumping: 50.0  
Recommended Pump Depth: 50.0  
Pumping Rate: 21.0  
Flowing Rate:  
Recommended Pump Rate: 21.0  
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: 934386266  
Test Type: Recovery  
Test Duration: 30  
Test Level: 23.0

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934119528  
Test Type: Recovery  
Test Duration: 15  
Test Level: 23.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934903818  
Test Type: Recovery  
Test Duration: 60  
Test Level: 23.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934664639  
Test Type: Recovery  
Test Duration: 45  
Test Level: 23.0  
Test Level UOM: ft

**Water Details**

Water ID: 933491217  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 50.0  
Water Found Depth UOM: ft

**Site:**

lot 5 ON

Database:  
**WWIS**

Well ID: 1530720  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 210452  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 09/22/1999  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1119  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 005  
Concession:  
Concession Name: LI  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10052254  
DP2BR:  
Spatial Status:  
Code OB:  
Elevation:  
Elevrc:  
Zone: 18  
East83:

<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	07/29/1999	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Loc Method Desc:</b>	Not Applicable i.e. no UTM		
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

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

**Formation ID:** 931076389  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 28.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931076391  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 34.0  
**Formation End Depth:** 80.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931076390  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 28.0  
**Formation End Depth:** 34.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933115862  
**Layer:** 1  
**Plug From:** 2.0  
**Plug To:** 40.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961530720  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10600824  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930091188  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 80.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930091187  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 40.0  
**Casing Diameter:** 9.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930091186  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 38.0  
**Casing Diameter:** 9.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991530720  
**Pump Set At:**  
**Static Level:** 25.0  
**Final Level After Pumping:** 70.0

**Recommended Pump Depth:** 70.0  
**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:** 934120065  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934385686  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934903241  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934664204  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 25.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933490946  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 73.0  
**Water Found Depth UOM:** ft

**Site:**

lot 5 ON

**Database:**  
**WWIS**

**Well ID:** 1530475  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 197136

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 03/02/1999  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1119

Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: GLOUCESTER TOWNSHIP  
Site Info:

Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 005  
Concession:  
Concession Name: LI  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10052010  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 11/12/1998  
Remarks:  
Loc Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

Formation ID: 931075618  
Layer: 1  
Color:  
General Color:  
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: 931075619  
Layer: 2  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 13  
Mat3 Desc: BOULDERS  
Formation Top Depth: 32.0  
Formation End Depth: 57.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931075620  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 57.0  
**Formation End Depth:** 80.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933115622  
**Layer:** 1  
**Plug From:** 2.0  
**Plug To:** 63.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961530475  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10600580  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930090702  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 80.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090701  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 63.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090700  
**Layer:** 1  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 61.0  
**Casing Diameter:** 8.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991530475  
**Pump Set At:**  
**Static Level:** 21.0  
**Final Level After Pumping:** 70.0  
**Recommended Pump Depth:** 70.0  
**Pumping Rate:** 13.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 13.0  
**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:** 934385047  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934902180  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934118871  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934663010  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 21.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933490624  
**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**

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

**Government Publication Date: Up to Nov 2023**

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

Provincial

**AMIS**

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

**Government Publication Date: 1800-Mar 2022**

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

Private

**ANDR**

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

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

### **Aboveground Storage Tanks:**

Provincial

**AST**

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

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

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

Private

**AUWR**

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

**Government Publication Date: 1999-Oct 31, 2023**

### **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 2022**

**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: Oct 2023**

**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-Oct 31, 2023**

**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 -Nov 2023**

**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-Mar 2024**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Mar 31, 2024**

**Drill Hole Database:**

Provincial

[DRL](#)

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

**Government Publication Date: 1886 - Aug 2023**

**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: Oct 2023**

**Environmental Activity and Sector Registry:**

Provincial

[EASR](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2024**

**Environmental Registry:**

Provincial

[EBR](#)

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

**Government Publication Date: 1994 - Mar 31, 2024**

**Environmental Compliance Approval:**

Provincial

[ECA](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2024**

**Environmental Effects Monitoring:**

Federal

[EEM](#)

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

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

**ERIS Historical Searches:**

Private

[EHS](#)

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

**Government Publication Date: 1999-Dec 31, 2023**

**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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Apr 30, 2022****Environmental Penalty Annual Report:**

Provincial

EPAR

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2022****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: Oct 2023****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-Mar 2024****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: Oct 31, 2021****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: Oct 2023**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

**Government Publication Date: 1986-Oct 31, 2022**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

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

**Government Publication Date: 2013-Dec 2021**

**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: 31 Oct, 2023**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Mar 31, 2022**

**Canadian Mine Locations:**

Private

MINE

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

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

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Feb 2024**

**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, 2022**

**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-Nov 2023**

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

Federal

NDWD

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

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

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Jun 30, 2021**

**National Energy Board Wells:**

Federal

NEBP

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

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

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

Federal

NEES

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

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

Federal

NPCB

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

**Government Publication Date: 1988-2008\*****National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

**Government Publication Date: Sep 2020****National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

**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 29, 2024****Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Aug 2023****Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

**Government Publication Date: 1994 - Mar 31, 2024**

**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-Mar 31, 2024

**NPRI Reporters - PFAS Substances:**

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

**Government Publication Date:** Sep 2020

**Potential PFAS Handlers from NPRI:**

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

**Government Publication Date:** Sep 2020

**Pipeline Incidents:**

Provincial

PINC

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

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

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

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

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date:** 1994 - Mar 31, 2024

**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, 1992-2021

**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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

**Government Publication Date:** 1997-Sept 2001, Oct 2004-Mar 2024

**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-Oct 31, 2023

**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 by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date:** 1988-Jan 2023; Mar 2023-Dec 2023

**Wastewater Discharger Registration Database:**

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

**Government Publication Date:** 1990-Dec 31, 2021

**Anderson's Storage Tanks:**

Private

[TANK](#)

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

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

**Transport Canada Fuel Storage Tanks:**

Federal

[TCFT](#)

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

**Government Publication Date:** 1970 - Apr 2023

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

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

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

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2024**

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

Provincial

[WDSH](#)

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

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

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Mar 31 2023**

# 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 F**

### **AERIAL PHOTOGRAPHS**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



# HISTORICAL AERIALS

**Project Property:** 700 Spring Valley Drive  
700 Spring Valley Drive  
Ottawa ON K1W 0C5

**Project No:** ER1087

**Requested By:** CM3 Environmental Inc.

**Order No:** 24051500322

**Date Completed:** May 17, 2024

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

## **Environmental Risk Information Services**

*A division of Glacier Media Inc.*

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

Date	Source	Scale	Comments
2023	Maxar Technologies	10,000	
2010	Decade Coverage Unavailable	10,000	
2001	National Air Photo Library	10,000	
1994	National Air Photo Library	10,000	
1983	National Air Photo Library	10,000	
1973	National Air Photo Library	10,000	
1964	National Air Photo Library	10,000	
1954	National Air Photo Library	10,000	
1946	National Air Photo Library	10,000	
1930	Decade Coverage Unavailable	10,000	
1920	Decade Coverage Unavailable	10,000	

## Environmental Risk Information Services

*A division of Glacier Media Inc.*

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

250  
Meters



Year: 2023  
Source: MAXAR  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322





Year: 2001  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters

Year: 1994  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250

Meters



Year: 1983  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters



Year: 1973  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322





Year: 1964  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters

Year: 1954  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250

Meters



Year: 1946  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



## **APPENDIX G**

### **ERIS PHYSICAL SETTING REPORT**

**Phase One Environmental Site Assessment**

**700 Spring Valley Drive**

**Ottawa, Ontario**

**Ottawa-Carleton District School Board**

**ER1087**



# HISTORICAL AERIALS

**Project Property:** 700 Spring Valley Drive  
700 Spring Valley Drive  
Ottawa ON K1W 0C5

**Project No:** ER1087

**Requested By:** CM3 Environmental Inc.

**Order No:** 24051500322

**Date Completed:** May 17, 2024

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## Environmental Risk Information Services

*A division of Glacier Media Inc.*

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

Date	Source	Scale	Comments
2023	Maxar Technologies	10,000	
2010	Decade Coverage Unavailable	10,000	
2001	National Air Photo Library	10,000	
1994	National Air Photo Library	10,000	
1983	National Air Photo Library	10,000	
1973	National Air Photo Library	10,000	
1964	National Air Photo Library	10,000	
1954	National Air Photo Library	10,000	
1946	National Air Photo Library	10,000	
1930	Decade Coverage Unavailable	10,000	
1920	Decade Coverage Unavailable	10,000	

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250  
Meters



Year: 2023  
Source: MAXAR  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322





Year: 2001  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters

Year: 1994  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250

Meters



Year: 1983  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters



Year: 1973  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322





Year: 1964  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250  
Meters

Year: 1954  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322



250

Meters



Year: 1946  
Source: NAPL  
Scale: 10,000  
Comment:

Address: 700 Spring Valley Drive, Ottawa, ON  
Approx Center: -75.5144631,45.4266042

Order No: 24051500322

