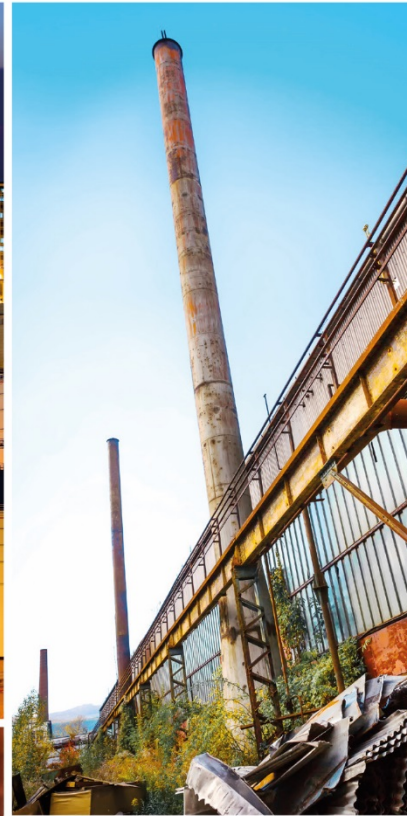


# Phase One Environmental Site Assessment

Undeveloped Property  
251 Penfield Drive  
Ottawa, Ontario

Ottawa Community  
Housing Corporation





## Executive Summary

GHD (Consultant) was retained by the Corporation of the City of Ottawa (Client), represented by Mr. Barron Meyerhoffer, to complete a Phase One Environmental Site Assessment (Phase One ESA) in general accordance with the O. Reg. 153/04 Phase One ESA format for the undeveloped property located at 251 Penfield Drive in Kanata, Ontario (Site or Phase One Property).

The Phase One ESA is being conducted as part of the local municipal planning department requirement associated with the development of the Site. The intended future use of the Site is residential use. The Phase One Property has municipal zoning of Residential Fourth Density Zone and therefore will not require zoning change.

No developed use of the Site was identified in this Phase One ESA. The Property was undeveloped/unoccupied at the time of the Site visit. A parking lot was observed on the southern portion of the Site at the time of the assessment. The northern portion of the Site is landscaped and contains portions of a community garden.

No potentially contaminating activities (PCAs) were identified on the Site. No areas of potential environmental concern (APECs) were identified for the Site from the past or current use of the subject land.

Three PCAs were identified at neighbouring properties within the Phase One Study Area during this assessment. A former drycleaner was identified at the property adjacent to the west (north portion) of the Site, a former fuel storage tank was identified at the property adjacent to the west (south portion) of the Site and a former retail fuel outlet/current automotive service garage was identified approximately 120 m southwest of the Site. Of these PCAs, the former dry cleaner is considered to represent an APEC for the north portion of the Site.

Following the completion of the Phase One ESA for the subject Property, it is our opinion there is an APEC at the Site. It should be noted that the APEC is located on the portion of the Site that has not been proposed for development. The previous land use of the Site is agricultural or other land use. The proposed future use of the Site is residential land use. The proposed land use change will involve changing land use to a less stringent use and will not require a Record of Site Condition under Ontario Regulation 153/04. It should be noted that because an APEC was identified at the Site, a Phase Two Environmental Site Assessment would be required for the Site before a Record of Site Condition could be submitted.



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## 1. Introduction

GHD (Consultant) was retained by Ottawa Community Housing Corporation (OCHC or Client), represented by Mr. Barron Meyerhoffer, to complete a Phase One Environmental Site Assessment (Phase One ESA) in general accordance with the O. Reg. 153/04 Phase One ESA format for the undeveloped Residentially Zoned property located at 251 Penfield Drive in Kanata, Ontario (Site or Phase One Property).

The property is located at Civic No. 251 Penfield Drive in Ottawa, Ontario and is approximately 0.21 hectares in size. The approximate centre of the Site has Latitude and Longitude coordinates of 45° 33' 04" N, 75° 89' 93" W. The municipal zoning for the Site is currently Residential Fourth Density Zone.

The Site is legally described as Part of Block R1 on Plan 847 and Part 1 on registered Plan 5R2136, as ancillary fire station parking. The property identification number associated with the site is 04514-0024.

The subject Property has been undeveloped land since at least 1926 and remains undeveloped. No developed use of the Site was identified in this Phase One ESA.

The Phase One Study area is serviced by municipally treated water and sewer systems and is in a non-potable groundwater area. Electrical and natural gas services are available from private utility companies.

The current owner of the Site is the Corporation of the City of Ottawa and Mr. Barron Meyerhoffer of OCHC can be contacted on behalf of the owner of the Site. The Client office is located at 39 Auriga Drive, Ottawa, Ontario, K2E 7Y8.

## 2. Scope of Investigation

The scope of GHD's investigation was detailed in GHD proposal dated July 31, 2019 (Ref: 11198727). The project was approved by Mr. Barron Meyerhoffer.

This Phase One ESA was conducted following the guidelines set out in Ontario Regulation 153/04, as amended 2011 (O. Reg. 153/04), Records of Site Condition, Part XV.1 of the Environmental Protection Act.

The general objectives of this Phase One ESA were:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One study area.
- To determine the need for a Phase Two Environmental Site Assessment.
- To provide a basis for carrying out any Phase Two Environmental Site Assessment.

This Phase One ESA included the following components:

- Historical records review



- Interviews
- Site reconnaissance
- An evaluation of the information gathered from the records review, interviews and site reconnaissance.

## **3. Record Review**

### **3.1 General**

#### **3.1.1 Phase One Study Area Determination**

The Site is located within a mixed residential, institutional and commercial area located in the City of Ottawa, Ontario. The Site is immediately surrounded to the north, south and east by residential development and to the west by a fire station, a park and commercial buildings.

The historical records and present operations of properties located within 250 m of the subject land were considered from an environmental perspective for the purposes of this report. Properties located outside of the Phase One Study Area (250 m radius from property boundaries) are typically not considered to have the potential to have impacted the subject land unless the Qualified Person deems an additional property should be included in the Phase One study area.

A plan of survey and a Site concept development plan, showing the boundaries of the Phase One Property and the proposed development, are included in Appendix B; the Site is depicted as Part of Block R1 on Registered Plan 847, City of Ottawa on the plan of survey. The Site concept development plan includes development on an 8-unit residential row townhouse on the southern portion of the Site and a paved parking area on the north portion of the Site; the proposed development Plan is depicted on Figure 3: Site Development Concept Plan.

#### **3.1.2 First Developed Use Determination**

A land title search indicated that the Site was first owned by individuals (Thomas Gainforth/David Boucher) since at least 1869. The land title search indicated several transfers in ownership between individuals from 1869 to 1963. The Site was registered to Kanata Developments Limited and then to Ontario Housing Corporation and then transferred to the current owner, The Corporation of the Township of March in March of 1977. Aerial photographs from 1965 show the Site to be undeveloped, vegetated or used for agricultural purposes; the Site was shown to be used from parking and recreational purposes in the 1976 through 2017 aerial photographs.

Based on the information reviewed at the time of this Phase One ESA, no developed use of the Site was identified.

#### **3.1.3 Fire Insurance Plans**

Fire insurance plans (FIP) assist in the identification of historical land use and commonly indicate building layouts, detached structures, Site improvements, facility operations, names of tenants, the existence and location of boiler rooms, aboveground and underground storage tanks and adjoining



property uses. GHD conducted a search for publicly available historical fire insurance plans for the Site and adjacent lands from the National Archives Library in Ottawa, Ontario.

The 1963 City of Ottawa Fire Insurance Plans (FIPs) were reviewed. No FIPs were available for the Site or neighbouring properties. No other fire insurance plans or reports were obtained by GHD or were provided by the Client for review.

### 3.1.4 Chain of Title

A request for an environmental chain of title search was submitted to Read Abstract Limited on behalf of GHD. The Phase One Property is legally described as Block R1 on Plan 847, City of Ottawa and formerly Parts of Lots 3 and 4, Concession 4 March. The results of the Title search and deviations in ownership of the Site are summarized in the Table below. A summary of the results of the search are included in Appendix B.

**Table 3.1 Summary of Chain of Title**

| Year  | Property Ownership                                  |
|---|---|
| <b>251 Penfield Drive (Lot 3, Concession 4 March)</b> |   |
| 1872  | Thomas Gainforth                                    |
| 1872 to 1886  | William Gainforth                                   |
| 1886 to 1896  | Nathaniel Scharf                                    |
| 1896 to 1944  | David Scharf  |
| 1944 to 1954  | Reynols Scharf                                      |
| 1954 to 1961  | Elisha Scharf and Hattie Scharf                     |
| 1961 to 1963  | Golden Ridge Realty Limited                         |
| 1963 to 1970  | William Teron Limited                               |
| <b>251 Penfield Drive (Lot 4, Concession 4 March)</b> |   |
| 1869  | David Boucher                                       |
| 1869 to 1889  | William Colbert                                     |
| 1889 to 1911  | John Colbert  |
| 1911 to 1914  | George Gow  |
| 1914 to 1921  | George Armstrong                                    |
| 1921 to 1955  | Henry and Harold Armstrong                          |
| 1955 to 1961  | Henry Armstrong                                     |
| 1961 to 1963  | Erickson Construction Company Limited               |
| 1963 to 1970  | William Teron Limited                               |
| <b>251 Penfield Drive (Entire Site)</b>               |   |
| 1970 to 1973  | Kanata Developments Limited (William Teron Limited) |
| 1973 to 1977  | Ontario Housing Corporation                         |
| 1977 to Present                                       | The Corporation of the Township of March            |

The Phase One Property changed ownership between individuals until 1970 when ownership of the subject Site was registered to Kanata Developments Limited and then to Ontario Housing Corporation and then transferred to the current owner, The Corporation of the Township of March in March of 1977. There was no evidence suggesting potential environmental concerns with the subject Site identified through the review of the title of Site ownership.



### **3.1.5 Environmental Reports**

GHD is of the understanding that no previous environmental studies for the Property were reported to have been undertaken.

## **3.2 Environmental Source Information**

The following environmental source information was reviewed as part of this Phase One assessment.

### ***National Pollutant Release Inventory***

The database titled National Pollutant Release Inventory (NPRI) provides the results and data with respect of releases of pollutants into the natural environment as a result of industrial processes. Data is collected and updated online annually. A search of the NPRI was conducted through a subcontracted Environmental ERIS search. The Site is not listed in the NPRI for any of the recorded years (1993-2017). No properties within 250 m of the Site are listed in the NPRI. A copy of the ERIS Database Summary is included in Appendix C.

### ***National PCB Inventory***

The Ontario Inventory of PCB Storage Sites, January 1993 contains information on PCB Storage Sites in the Province of Ontario, which is collected under Ontario Regulation 362/90 by the district and regional offices of the MOE. The document is an inventory of known private and provincially-operated PCB storage sites as of January, 1993. The document does not include Federal PCB storage sites, which are under Environment Canada jurisdiction. The Site was not listed in the Ontario Inventory of PCB Storage Sites report. No properties within 250 m of the Site were identified in the Ontario Inventory of PCB Storage Sites report. The PCB search was confirmed by the results of the subcontracted Environmental ERIS search attached as Appendix C.

### ***Environmental Approvals, Certificates and Instruments***

A request was submitted to the Ministry of Environment, Conservation and Parks (MECP) under the Freedom of Information (FOI) and Protection of Privacy Act relating to the Site. The requested information included environmental approvals, certificates and instruments maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response dated August 15, 2019 to the inquiries indicated that no records were located responsive to the request. A copy of the MECP response is included in Appendix D.

The subcontracted Environmental ERIS search identified the following approvals within the Phase One Study Area:

- David McKeen in Trust, identified at Beaverbrook Road, located approximately 210 m west of the Site, received an approval for municipal sewage and water in 1987.
- City of Ottawa, identified at Leacock Drive, Leacock Way, Beaverbrook Road and Teron Road, located approximately 180 m south-west of the Site, received an approval for municipal and private sewage works in 2011.



### ***Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987***

The report titled Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987 provides an inventory and preliminary assessment of the potential environmental impacts of forty-one (41) known manufactured gas plant waste sites in the Province of Ontario as of April 1987. Industrial facilities that utilized coal carbonization for manufacturing of gas, coke, ammonia and other products were address in this study. Finding(s):

- The Site is not listed in the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987.
- There are no former coal gasification plants within 2 km of the Site listed in the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987.

### ***Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988***

The report titled Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988 provides the results of an inventory and preliminary assessment of potential environmental impacts of forty-four (44) known industrial sites in Ontario which produced or used coal tar and related tars, as of November 1988. This report was prepared to continue the inventory and assessment process started by the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987. Finding(s):

- The Site was not listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.
- There are no former Sites Producing or Using Coal Tar and Related Tars within 2 km of the Site listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.

### ***Ministry Environmental Incident Records***

A request was submitted to the Ministry of Environment, Conservation and Parks (MECP) under the Freedom of Information and Protection of Privacy Act relating to the Site. The requested information included environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response dated August 15, 2019 to the inquiries indicated that no records were located responsive to the request.

The subcontracted Environmental ERIS search identified records of the following spill within the Phase One Study Area:

- 1021 Teron Road, located approximately 45 meters west of the Site, had a record of an unknown quantity of oil leaked from a decommissioned underground storage tank (UST), in 2006.
- 35 Chisholm Crescent, located approximately 120 m north of the Site, had a record of a natural gas (methane) spill caused by operator error, in 2016.
- 81 Beaverbrook Lane, located approximately 160 m west of the Site, had a record of an unknown quantity of furnace oil spilled onto soil, in 2002.



- 219 Penfield Drive, located approximately 180 m east of the Site, had a record of 3 L of gasoline spilled to a catch basin, in 2015.
- 132 Rutherford Crescent, located approximately 200 m south of the Site, had a record of 30 L of furnace oil spilt to land from basement floor, in 1993.
- 2 Beaverbrook Road, located approximately 211 m south of the Site, had a record of a 120 L spill of hydraulic oil onto a parking lot, in 2002.
- 25 Rutherford Crescent, located approximately 211 m south of the Site, had a record of a 2 L spill of furnace oil in a basement, in 2017.

The aforementioned records are not considered PCAs, with the exception of the reported leak from an underground oil tank at 1021 Teron Road. The presence of a former UST at this property is a PCA, however, based on information provided by representatives at the City of Ottawa, this PCA is not considered to represent an APEC for the Site.

#### ***Waste Management Records - Ontario Regulation 347 Waste Receivers and Generators***

A request was submitted to the Ministry of Environment, Conservation and Parks (MECP) under the Freedom of Information and Protection of Privacy Act relating to the Site. The requested information included records of waste generators and receivers under O. Reg. 347 maintained by the Ministry for the Site or for properties that may directly influence the environmental condition of the Site. The MECP response dated August 15, 2019, indicated that no records were located responsive to the request.

The subcontracted Environmental ERIS search identified records of the following waste generators within the Phase One Study Area:

- City of Ottawa, identified at 1021 Teron Road; was listed as a waste generator of light fuels in 2006.
- Capreit, identified at 81 Beaverbrook Lane; was listed as a light fuels generator from 2002 to 2004.
- Kanata Cleaners Inc., identified at 1029 Teron Road; was listed as a waste generator of halogenated solvents from 1990 to 2005 and 2009.
- DNA Genotek Inc., identified at 2 Beaverbrook Road; was listed as a waste generator of phenolic wastes, pathological wastes, light fuels, organic laboratory chemicals, other specified inorganics, pharmaceuticals, halogenated solvents, inorganic laboratory chemicals, aliphatic solvents and alkaline wastes from 2010 to 2016.
- Kanata Chiropractic Centre identified at Suite 208 2 Beaverbrook Road; was listed as a waste generator of photo processing wastes from 1999 to 2001.
- David McKeen, identified at 2 Beaverbrook Road; was listed as a waste generator of light fuels from 1994 to 1998.
- Holmes Heating Inc., identified at 2 Beaverbrook Road; was listed as a waste generator of light fuels from 2002 to 2004.





The waste generators at 1021 Teron Road and 1029 Teron Road are associated with Potentially Contaminating Activities (PCAs). The property at 1029 Teron Road is associated with a dry cleaners located adjacent to the Site and is considered to represent an APEC for the north portion of the Site. The additional identified waste generator records are not suspected to be associated with PCAs, given the actual land uses of these properties.

#### ***Environmental Reports Submitted to the MECP***

A request was submitted to the Ministry of Environment, Conservation and Parks (MECP) under the Freedom of Information and Protection of Privacy Act relating to the Site. The requested information included environmental reports submitted to the MECP. The MECP response dated August 15, 2019, indicated that no records were located responsive to the request.

#### ***Technical Standards and Safety Authority (TSSA) Database***

A request was submitted by GHD to the Technical Standards and Safety Authority (TSSA) to search their databases for any records of storage tanks at the Site. An email response was received from the TSSA on August 6, 2019, indicating that there were no records in their database indicating underground storage tanks are at the Site or immediately adjacent properties. A copy of the TSSA response is included in Appendix D. The subcontracted ERIS search confirmed the findings of the TSSA response.

#### ***MECP Notices, Instruments and Records of Site Condition***

The Ministry of the Environment, Conservation and Parks (MECP) Brownfields Environmental Site Registry (ESR) was consulted for historical certificates and instrument compliance records and records of site condition (RSCs). The Site was not listed in the Brownfields ESR. No properties within 250 m were listed in the Brownfields ESR.

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

The Ministry of Natural Resources (MNR) Geographical Information System (GIS) mapping software was consulted by GHD to investigate areas of natural significance in the Phase One Study Area. No areas of natural significance were identified at the Site or within a 250 m radius.

#### ***MECP Waste Disposal Site Inventory, June 1991:***

The MECP *Waste Disposal Site Inventory June 1991* contains a list, prepared by the MECP, of all known active and closed waste disposal sites in the Province of Ontario as of October 31, 1990. This document is a "working document", subject to continual revisions and updating. The document contains an active site inventory, a closed site inventory, a closed municipal coal gasification plant site inventory, and an inventory of industrial sites producing and using coal tars and related tars in Ontario. Finding(s):

- There are no active waste disposal sites listed within a 2 km radius of the Site listed in the MECP Waste Disposal Site Inventory, June 1991.
- There are no closed waste disposal sites listed within a 2 km radius of the Site listed in the MECP Waste Disposal Site Inventory, June 1991.



### *City Directories*

City directories list occupant(s) at a site address for a specific year, and infer land use with respect to occupant history. GHD consulted National Archives Canada located in Ottawa, Ontario, for any publicly available historical city directories for intermittent years between 1984 and 2011. City directories for the rural areas of the City of Ottawa do not exist prior to 1992.

- According to the information obtained from the reviewed city directories, the subject address, 251 Penfield Drive, was not identified.
- The adjacent neighbouring properties were listed for commercial, residential or institutional use and in subsequent directories remained listed for these purposes. None of the listings identified in the City directories were interpreted to be PCAs.

### *Mapping and Assessment of Former Industrial Sites, City of Ottawa*

The report titled Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988 provides the results of an inventory and preliminary assessment of one hundred seventy seven (177) known former industrial sites in the City of Ottawa, as of July 1988. The Site is not listed in the Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988. No former industrial sites were identified within 250 m of the Site.

### *Summary of City of Ottawa Historic Land Use Inventory (HLUI)*

A request was made to the City of Ottawa to review their Historic Land Use Inventory (HLUI). A response to the HLUI inquiries was received from the **City of Ottawa** on August 28, 2019. The search response identified one activity on the Site and fourteen activities associated with the Phase One Study Area. The identified on-site activity was a sewage lagoon with three cells. Upon review of other historical documents and aerial photos, it was determined that sewage lagoons never occupied the Subject Property or properties located within 50 m of the Site. The activities identified in the Phase One Study Area are the following:

- An Esso service centre, identified at 1 Beaverbrook Road, operated from 1993 to 2005.
- A gasoline service station, owned by 2014392 Ontario Ltd., identified at 1 Beaverbrook Road, operated in 2005.
- Envirokleen, identified at 3 Beaverbrook Road, operated a recreational vehicle dealership in 2001.
- Fifty-Five Plus Magazine identified at 3 Beaverbrook Road, operated a combined publishing and printing industry facility from 1998 to 2005.
- Kanata Cleaners, identified at 1027 and 1029 Teron Road, operated a laundries and cleaners facility from 1998 to 2001.
- Dominion Carpet Cleaning, identified at 48 Beaverbrook Lane, operated a laundries and cleaners facility in 2005.
- Picture Framing, identified at 2 Beaverbrook Road, operated an interior and finishing work facility in 2001.



- Qualisult, identified at 2 Beaverbrook Road, operated a communication and other electronic equipment industry in 2001.
- Select Tailor Shop, identified at 2 Beaverbrook Road, operated a laundries and cleaners facility in 1999.
- Euro-Dent Dental Laboratory, identified at 2 Beaverbrook Road, operated a rubber products industry from 1998 to 2001.

The records for the dry cleaners at 1029 Teron Road and Gasoline Service Station at 1 Beaverbrook Road (now 1001 Beaverbrook Road) are associated with Potentially Contaminating Activities (PCAs). The dry cleaners at 1029 Teron Road, adjacent to the Site is considered to represent an APEC for the north portion of the Site. Based on topographical setting for the Site, gasoline service station is not considered to represent an APEC for the Site. The additional identified HLUI activity records are not suspected to be associated with PCAs, given the actual land uses of these properties. A copy of the HLUI response from the City of Ottawa is contained in Appendix D.

### 3.3 Physical Setting Sources

#### 3.3.1 Aerial Photographs

Aerial photographs are reviewed to generally document development of the Site and properties in the vicinity of the Site. They identify potential waste disposal areas, storage activities, land filling, and other potential adverse environmental concerns on Site and in the immediate vicinity of the Site. Aerial photographs of the Site and surrounding area were obtained for intermittent years between 1965 and 2017 from the City of Ottawa geoOttawa mapping website. Comments for each photograph are presented on the following table.

**Table 3.2 Aerial Photographs**

| Year | Site  | Neighbouring Properties   |
|------|---|---|
| 1965 | The subject Site is undeveloped and appears to be used for agricultural purposes. A man-made irrigation and drainage ditch appears to cross the centre of the Site. | Neighboring properties immediately to the west and east of the Site appear to be developed with residential dwellings. Teron Road has been constructed further to the west of the Site. An irrigation and drainage ditch, which crosses through the Site extends approximately 40 m west and 130 m northeast of the Site. A creek was observed approximately 150 m northeast of the Site. |
| 1976 | The subject Site appears to be cleared of vegetation and is gravel covered.   | Penfield Drive has been constructed immediately south of the Site. Neighboring properties have been developed with residential buildings to the north, east and south of the Site. The properties immediately to the west of the Site appear to be occupied by the present day City of Ottawa Fire Station, Parkland and commercial building.   |
| 1991 | The subject Site appears to be used as a parking lot.   | Neighbouring properties are essentially unchanged from 1976.  |
| 2005 | The Site is essentially unchanged from 1991.  | Neighbouring properties are essentially unchanged from 1991.  |



**Table 3.2 Aerial Photographs**

| Year | Site   | Neighbouring Properties                                      |
|------|--|--|
| 2011 | The Site is essentially unchanged from 2005. | Neighbouring properties are essentially unchanged from 2005. |
| 2017 | The Site is essentially unchanged from 2011. | Neighbouring properties are essentially unchanged from 2011. |

Aerial photographs indicate the subject Site has been undeveloped between 1965 and 2017. The immediate neighbouring properties were developed for rural residential purposes with agricultural uses starting prior to 1976. Significant increases in residential development were observed in the 1970s. No obvious potential waste disposal areas or storage activities on Site or in the immediate vicinity of the Site were noted, although the scale of the aerial photographs did not permit an accurate interpretation of detailed features of the Site or the adjacent properties. Copies of the Aerial Photographs are presented in Appendix E.

### **3.3.2 Topography, Hydrology, Geology**

A Topographic map was reviewed from the Ontario Ministry of Natural Resources and Forestry, and is provided in Figure 1. The mapping shows the Site to be situated in primarily residential setting, with some commercial and parkland uses also present in the surrounding area. The mapping shows the topography in the Phase One Study Area sloping down to the north, northeast and northwest. The nearest surface water body indicated on the mapping is an unnamed Creek, with segments located approximately 120 m northeast and 130 m northwest of the Site, respectively. The Ottawa River is located approximately 4 km north of the Site. No areas of potential environmental concern were identified from a review of the topographic map.

According to the information obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa-Hull the natural soil conditions in the region appear to consist of "Deep Water Facies: blue-grey clay silt, and silty clay; calcareous and fossiliferous at depth, commonly reworked; non-calcareous and non-fossiliferous at surface (0-2 m) particularly in northeastern part of area." The depths of overburden can vary significantly.

According to records from the water well information system and borehole databases, as presented in the results of the subcontracted Environmental ERIS search, the overburden soil in the vicinity of the Site consist of clay type soils. The overburden soil was reportedly underlain by limestone bedrock.

### **3.3.3 Fill Materials**

The south portion of the Site is paved with asphalt and is used as a parking area; it is expected that grading, using imported inert granular backfill has been completed below the asphalt parking area. The suspected presence of imported granular backfill is not considered a PCA.

The unimproved ground surfaces at the Site have surface cover of landscape/grass. The Site is approximately level with Penfield Drive to the south and the surrounding neighbouring properties to the north, east and west. The presence of imported fill soil material is not suspected at the Site.



### 3.3.4 Water Bodies and Areas of Natural Significance

There are no areas of natural and scientific interest within 250 m of the Site.

### 3.3.5 Well Records

A search was conducted of the MECP Well Records Database, which reported that there were no water supply wells on-Site. Properties in the Phase One Study Area have records of potable water wells. The details of the MECP water well records for the Site are described in the following table.

**Table 3.3 Well Record Summary**

| MECP Well Tag # | Coordinates UTM             | Orientation with respect to Site | Distance from Site (m) | Date Installed | Water Use       | Depth to Water Table (m) |
|-----------------|-----------------------------|----------------------------------|------------------------|----------------|-----------------|--------------------------|
| 7101180         | 18T 429534m E<br>5019995m N | South                            | 75.8 m                 | September 2007 | Unspecified     | 4.9                      |
| 7040548         | 18T 429537m E<br>5019983m N | South                            | 75.8 m                 | December 2006  | Unspecified     | 4.9                      |
| 7174570         | 18T 429503m E<br>5019914m N | South                            | 146.2 m                | May 2011       | Test Hole       | 5.18                     |
| 7311685         | 18T 429355m E<br>5020131m N | West-North-West                  | 187.2 m                | May 2018       | Unspecified     |                          |
| 7292926         | 18T 429709m E<br>5020002m N | East-South-East                  | 190 m                  | August 2017    | Test Hole       |                          |
| 7286298         | 18T 429709m E<br>5020002m N | East-South-East                  | 190m                   | May 2017       | Monitoring Hole | 7.3                      |
| 7292927         | 18T 429711m E<br>5020008m N | East-South-East                  | 190.2 m                | August 2017    | Unspecified     |                          |
| 7286297         | 18T 429711m E<br>5020008m N | East-South-East                  | 190.2 m                | May 2017       | Test Hole       |                          |
| 7292925         | 18T 429760m E<br>5020001m N | East-South-East                  | 239.4 m                | August 2017    | Test Hole       |                          |
| 7286296         | 18T 429760m E<br>5020001m N | East-South-East                  | 239.4 m                | May 2017       | Test Hole       |                          |
| 1528608         | 18T 429767m E<br>5020078m N | East                             | 240.9 m                | August 1995    | Domestic        |                          |

Eleven records of water wells were reported in the Phase One Study area; which were installed between 1995 and 2018. These wells were not visually identified at the time of the Site visit. The Phase One Property is located in an area where municipally treated water is now available. It is not suspected that any potable drinking water wells are present in the Phase One Study area.

### 3.3.6 Site Operating Records

There were no Site operating records available for review following the specific request to the existing owner. Considering that the Site has never been occupied, it was not expected that such information exists.



## 4. Interviews

Mr. Richard Barker (representing The City of Ottawa, the current Property owner) was interviewed at the time of this assessment. Mr. Barker stated that the Site was owned by the City of Ottawa since development in the Phase One Study area began in the 1970's and that the Site had never been developed and was unaware of any environmental concerns, such as fuel storage tanks or spills at the Site, as no environmental records exist for the Site. Mr. Barker stated that there were no records of historical environmental studies completed at the Site.

Mr. Barker stated that one environmental report had been completed for the adjacent fire station property. According to Mr. Barker's review of the report, there was an underground fuel storage tank (UST) removed from the adjacent property (fire station) in 2007. Analytical testing at that time indicated that the sidewalls of the UST excavation were in compliance with the MECP standards. There were no anticipated environmental concerns for the Site, given that this UST was located immediately adjacent to the fire station building, which is located approximately 40 m west of the Site.

No record of potential environmental concerns was noted at the time of interview with the present property owner.

## 5. Site Reconnaissance

### 5.1 General Requirements

GHD conducted a Site visit of the property on August 29 between 1:30 p.m. and 3:00 p.m. The Site visit was conducted by Mr. Luke Lopers, who has 12 years of experience conducting Phase One ESA inspections.

Weather conditions were sunny with an approximate temperature of 23°C. There were no physical impedances at the time of Site visit.

The Site was undeveloped at the time of Site visit, and was occupied by an asphalt parking area on the southern portion of the Site, a portion of a community garden on the central portion of the Site and was otherwise landscaped. A garden shed was observed to the south of the community garden. The overall topography of the Site was sloped downward to the north, with an existing swale observed on the northern portion of the Site, heading to the northeast. No areas of potential environmental concerns were noted on the Site at the time of Site visit.

Site photographs were taken at the time of the Site visit and are presented in Appendix F. Photographs 1 through 6 depict the Site and neighbouring properties.





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

### **5.2.1 On-Site Structures and Improvements**

#### *Above Ground Structures*

There was one small storage shed located at the Site, which was used to store various gardening tools for the community garden located partially on the north portion of the Site. There were no other aboveground structures present on the Site at the time of the Site visit.

#### *Below Ground Structures*

There were no below ground structures present on the Site at the time of the Site visit.

#### *Tanks*

##### *Above Ground Storage Tanks (ASTs)*

The presence of former or current ASTs was not reported by the Site representative and was not observed by GHD at the time of the Site visit.

##### *Underground Ground Storage Tanks (USTs)*

No visual evidence (such as filler or vent pipes), suggesting the presence of current or former USTs, was observed by GHD during the Site visit. The presence of former or current USTs was not reported by the Site representative.

#### *Water Sources*

Municipal water services are supplied by underground services located on the adjacent municipal right of way, Penfield Drive, to the south of the Site. No water or sewer connections were reported to exist for the Site, and none are suspected as the Phase One Property consists of undeveloped land. No present day or historical water supply wells were observed on-Site during the Site visit.

### **5.2.2 Utility Corridors**

Given that the subject Site is undeveloped and unoccupied, underground services are not expected to exist at the Site.

- A concrete pad mounted transformer was observed to the east of the Site at the residential townhouse property.
- A concrete pad mounted transformer was observed to the west of the Site at the commercial plaza property.

### **5.2.3 Building Features**

#### *Exit and Entry Points*

The Site is presently undeveloped with no building or paved access.



### *Heating Systems*

The Site is presently undeveloped with no building present. No former building heating systems are suspected to have been present on the Site.

### *Cooling Systems*

The Site is presently undeveloped with no building present. No former building cooling systems are suspected to have been present on the Site.

### *Drains, Pits, and Sumps*

No drains, pits or sumps were observed at the Site.

### *Unidentified Substances*

There were no visually obvious unidentified substances observed during the Site visit.

### *Interior Stains or Spills*

There was no evidence of spills observed during the Site visit.

## **5.2.4 Site Features**

### *Wells*

No drinking water wells were observed to be present at the Site during the Site visit. There were two monitoring wells present at the Site; these monitoring wells were installed as part of a concurrent geotechnical investigation completed at the Site by GHD.

### *Sewage Works*

There was no evidence of a septic system present on the property at the time of Site visit. There is no evidence suggesting a building was once present on the Site. The Site representative was not aware of a septic system being present.

### *Ground Surface*

The south portion of the Site was surfaced with asphaltic concrete and used as a parking lot. The north portion of the Site was generally vegetated with a portion of a community garden located at the Site. Mature trees were present along the west side of the Site.

### *Railway Lines*

There are no railway lines on the subject Site. There are no active or historic railway lines within 250 m radius of the Phase One Property.

## **5.2.5 Environmental Site Observations**

### *Staining*

At the time of the Site visit, no visually obvious evidence of chemical or petroleum spills or releases associated with historical operations at the Site were observed.



### *Stressed Vegetation*

No distressed vegetation, abnormal odours or visual evidence of contamination, suggesting the presence of chemical or petroleum spills or releases, were noted at the time of the Site visit.

### *Areas of Fill or Grading*

The south portion of the Site is paved with asphalt and is used as a parking area; it is expected that grading, using imported inert granular backfill has been completed below the asphalt parking area. The suspected presence of imported granular backfill is not considered a PCA.

The unimproved ground surfaces at the Site have surface cover of landscape/grass. The Site is approximately level with Penfield Drive to the south and the surrounding neighbouring properties to the north, east and west. The presence of imported fill soil material is not suspected at the Site.

### *Potentially Contaminating Activities*

Potentially Contaminating Activities (PCAs) are listed in Ontario Regulation 153/04 Schedule D Table 2. There were no PCAs observed at the Site at the time of the Site visit.

### *Unidentified Substances*

Unidentified substances were not observed on the Site during the Site visit.

## **5.2.6 Enhanced Investigation Property**

According to Ontario Regulation 153/04 Schedule D 32(1)b, the Site is not classified as an “Enhanced Property” for the purposes of this Phase One study.

## **5.2.7 Phase One Study Area (properties within 250 m)**

At the time of Site visit, the properties adjacent to the Site were visually inspected for evidence of potentially contaminating activities (PCAs) that may result in areas of potential environmental concern (APECs) for the Site. The inspection was conducted from public rights-of-way without physically accessing adjoining properties. For the purpose of this study, Penfield Drive is considered to be the east-west axis. At the time of Site visit the area within 250 m of the Site is occupied by the following facilities or features:

- North | Residential townhomes at Civic No. 1 Chisholm Court and Chisholm Court, followed by a Creek, followed by residential townhomes at 1 Bethune Way.
- East | Residential townhomes at Civic No. 231 Penfield Drive, followed by residential dwellings at Civic Nos. 225 to 144 Penfield Drive.
- South | Penfield Drive, followed by residential townhomes at Civic No. 101 Rutherford Court, followed by Rutherford Court.
- West | A commercial plaza at Civic No. 1023 Teron Road (northwest), and a Fire Station at Civic No. 1021 Teron Road (southwest), followed by Teron Road, followed by a residential townhome development at Civic No. 1 Beaverbrook Lane and a commercial plaza at 1002 Beaverbrook Road.



The Site and surrounding properties are located in a predominantly residential, commercial and institutional sector of the City of Ottawa. An automotive service garage, which is a PCA, was identified at 1001 Beaverbrook Road, approximately 120 m southwest of the Site. This automotive garage is located a significant distance from the Site and is not considered to present an APEC for the Site. A dry cleaning drop-off depot was located in the commercial plaza adjacent to the west of the Site. No dry cleaning equipment was observed at the property and the business representatives stated that dry cleaning operations are completed off-Site at a central plant. The current dry cleaning drop-off depot is not a PCA, as dry cleaning equipment is not used on-Site.

No other PCAs or APECs were identified in the Phase One Study Area at the time of the Site visit.

## 6. Review and Evaluation of Information

### 6.1 Current and Past Uses (Site)

Current and past land uses of the Site are summarized in Table 6.1.

**Table 6.1 Summary of Current and Past Use**

| Year            | Name of Owner   | Description of Property Use  | Other Observations from Aerial Photos, Fire Insurance Plans. Etc.   |
|-----------------|---|--|---|
| 1869 to 1961    | Individual Ownership  | No reported use or occupancy of the Site. Suspected to have been undeveloped and used for agricultural purposes. (Agricultural or Other Use) | 1965 Aerial Photographs shows Site is undeveloped and/or used for agricultural purposes. Ownership registered to individuals. (Aerial Photographs, Title Search)    |
| 1961 to 1963    | Golden Ridge Realty Limited / Erickson Construction Company Limited |  |   |
| 1963 to 1970    | William Teron Limited   |  |   |
| 1970 to 1973    | Kanata Developments Limited   |  |   |
| 1973 to 1977    | Ontario Housing Corporation   | Site appears to be used for parking and recreational purposes - no developed use. (Agricultural or Other Use)                                | 1976 to 2017 Aerial Photographs and Site visit indicated Site was undeveloped. Ownership registered to corporations. (Site Visit, Aerial Photographs, Title Search) |
| 1977 to Present | The Corporation of the Township of March                            |  |   |

### 6.2 Potentially Contaminating Activities

#### 6.2.1 Summary of On-Site Potential Contaminating Activities

No potentially contaminating activities (PCAs) were identified at the Site during this assessment.



### 6.2.2 Summary of Off-Site Potentially Contaminating Activities (Phase One Study Area)

Three potentially contaminating activities (PCAs) were identified at neighbouring properties within the Phase One Study Area as part of this assessment. A summary of the off-Site PCAs identified in the Phase One Study Area and their location with respect to the Site are presented in Table 6.2 below.

The locations of these PCAs are shown on Figure 4: Surrounding Land Use.

**Table 6.2 Summary of Off-Site Potentially Contaminating Activities (PCAs)**

| Plan Reference Number | Potentially Contaminating Activity  | Location  | APEC Y / N |
|-----------------------|---|---|------------|
| 1                     | Dry Cleaner<br>Item 37 : Operation of Dry Cleaning Equipment (where chemicals are used)   | 1029 Teron Road<br>Adjacent to west of Site     | Y          |
| 2                     | Former Fuel Storage<br>Item 28: Gasoline and Associated Products Storage in Fixed Tanks.  | 1029 Teron Road<br>Adjacent to west of Site     | N          |
| 3                     | Gasoline Service Station<br>Item 28: Gasoline and Associated Products Storage in Fixed Tanks.<br>Reported Spill<br>Automotive Service Garage<br>Item 27 : Garages, and Maintenance and Repair of Railcars, Marine Vehicles, and Aviation Vehicles | 1001 Beaverbrook Road<br>120m southwest of Site | N          |

### 6.3 Areas of Potential Environmental Concern

Of the three identified potentially contaminating activities (PCAs), one is considered to have the potential to represent an on-Site area of potential environmental concern (APECs), considering the location and orientation with respect to the Site. The APEC identified as part of this investigation are summarized in Table 6.3 below.



**Table 6.3 Summary of Areas of Potential Environmental Concern (APECs)**

| Area of Potential Environmental Concern | Location of Area: Potential Environmental Concern on Phase One Property | Potentially Contaminating Activity                                       | Location of PCA (On-Site or Off-Site) | Contaminants of Potential Concern | Media Potentially Impacted (Groundwater, soil and/or sediment) |
|---|---|--|---------------------------------------|-----------------------------------|--|
| APEC 1: Drycleaners                     | North portion of Site   | Item 37 : Operation of Dry Cleaning Equipment (where chemicals are used) | Off-Site (PCA 1)                      | VOCs                              | Groundwater  |

The remaining PCAs identified in the Phase One study area are considered to be located significant distances and/or down-or cross-gradient with respect to the Site and are not suspected to have impacted the subject land.

#### 6.4 Phase One Conceptual Site Model

Four plans are provided as Figures for this report to depict the conceptual Site model. Figure 1: Site Location Map shows the location of the Site within the City of Ottawa. Figure 2: Site Plan shows the current configuration of the Site, Figure 3: Site Development Concept Plan shows the proposed development concept for the Site and Figure 4: Surrounding Land Use shows the current configuration and uses of the neighbouring properties in the Phase One Study Area. The Site and surrounding properties are located in a predominantly residential, institutional and commercial sector of the City of Ottawa.

The property is located at Civic No. 251 Penfield Drive in Ottawa, Ontario and is approximately 0.21 hectares in size. The subject Property has been undeveloped land since at least 1869 and remains undeveloped. No developed use of the Site was identified in this Phase One ESA. The Property was undeveloped and was used for parking and other recreational purposes (leisure space and community garden) at the time of the Site visit.

The nearest surface water body is an unnamed Creek, with segments located approximately 120 m northeast and 130 m northwest of the Site, respectively. The Ottawa River is located approximately 4 km north of the Site.

No historic potable water wells were identified at the Site as part of the historical research and none were observed at the time of the Site visit. The topography in the Phase One Study Area is sloping down towards the north, northeast and northwest. A drainage feature is present to the northeast of the Site. The south portion of the Site is generally level at the property limits with the adjacent properties, while the north portion of the Site is approximately 1 m lower. The soil conditions are expected to consist of topsoil underlain by silty clay over limestone bedrock at 7 to 25 m below grade (m BG) and a water table, if present to be near 1.5 to 2.7 m BGS.

The historical records and use and present operations of properties located within 250 m of the subject land were considered from an environmental perspective for the purposes of this report.





Properties located outside of the Phase One Study Area (250 m radius) were not considered to have the potential to have impacted the subject land. No potentially contaminating activities (PCAs) were identified on the Site.

No potentially contaminating activities (PCAs) were identified at the Site, however, three PCAs were identified at neighbouring properties within the Phase One Study Area during this assessment. A former drycleaner was identified at the property adjacent to the west (north portion) of the Site, a former fuel storage tank was identified at the property adjacent to the west (south portion) of the Site and a former retail fuel outlet/current automotive service garage was identified approximately 120 m southwest of the Site. Of these PCAs, the former dry cleaner is considered to represent an Area of Potential Environmental Concern (APEC) for the north portion of the Site.

The Site is located in an area of the City of Ottawa where municipally treated water is supplied and municipal sewer systems are present. Electrical and natural gas services are available from private utility companies. Given that no development was identified on the Site, the presence of underground services is not suspected, nor are they expected to have contributed to contaminant distribution on the subject land.

The absence or uncertainty of any information is not expected to affect the validity of the conceptual site model or the conclusions of this assessment.

## **7. Conclusions**

### **7.1 Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted**

No potentially contaminating activities (PCAs) were identified on the Site. No areas of potential environmental concern (APECs) were identified for the Site from the past or current use of the subject land.

Three PCAs were identified at neighbouring properties within the Phase One Study Area during of this assessment. A former drycleaner was identified at the property adjacent to the west (north portion) of the Site, a former fuel storage tank was identified at the property adjacent to the west (south portion) of the Site and a former retail fuel outlet/current automotive service garage was identified approximately 120 m southwest of the Site. Of these PCAs, the former dry cleaner is considered to represent an APEC for the north portion of the Site.

Following the completion of the Phase One ESA for the subject Property, it is our opinion there is an APEC at the Site. It should be noted that the APEC is located on the portion of the Site that has not been proposed for development. A Phase Two Environmental Site Assessment would be required for the Site before a Record of Site Condition could be submitted.



## **7.2 Record of Site Condition Based on Phase One Environmental Site Assessment Alone**

The previous land use of the Site is agricultural or other land use. The proposed future use of the Site is residential land use. The proposed land use change will involve changing land use to a less stringent use and will not require a Record of Site Condition under Ontario Regulation 153/04.

## **7.3 QP Confirmation**

The findings and conclusions of the Phase One Environmental Site Assessment are founded on the accuracy and reliability of the information obtained from all parties, unless contradicted by visual Site observations or written documentation.

The conclusions are presented based upon the readily available public information within the time frame of this mandate by trained professionals, following a prescribed and recognised assessment procedure.

This report is not intended to address, or provide comment on the presence, or absence of organic growth organisms commonly referred to as mould, through statements, inferences or omissions.

The report is prepared for the use of the Client and his named representatives in making an informed financial and business decision regarding environmental liabilities that may be associated with the Site. The use of this report for any other purpose is at the Client's own risk.

The Client must understand that changing circumstances in the physical or regulatory environment, the administration and use of the Site, as well as changes in any substances stored, used, or disposed of at the Site, could significantly alter the conclusions and information contained in this report. Therefore, it is important that the Client periodically re-evaluates the Site and reviews developments or operations, which may potentially impact the Site.

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



## 8. References

- Canadian Standards Authority. Z768-01 (R2006) - Phase I Environmental Site Assessment. 2006.
- Ministry of Environment. Environmental Protection Act, Ontario Regulation 153/04, Records of Site Condition, Part XV.I of the Act.
- Ministry of Environment and Energy. Ontario Inventory of PCB Storage Sites, January 1993. Queen's Printer for Ontario, 1993.
- Ministry of Environment. Waste Disposal Site Inventory, June 1991. Queen's Printer for Ontario, 1994.
- Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume 1, April 1987. Queen's Printer for Ontario, 1989.
- Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume 11, April 1987. Queen's Printer for Ontario, 1989.
- Intera Technologies Ltd. Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume 1, November 1988.
- Intera Technologies Ltd. Mapping and Assessment of Former Industrial Sites, City of Ottawa, July 1988.

All of Which is Respectfully Submitted,

GHD

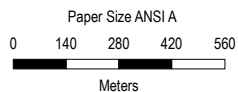
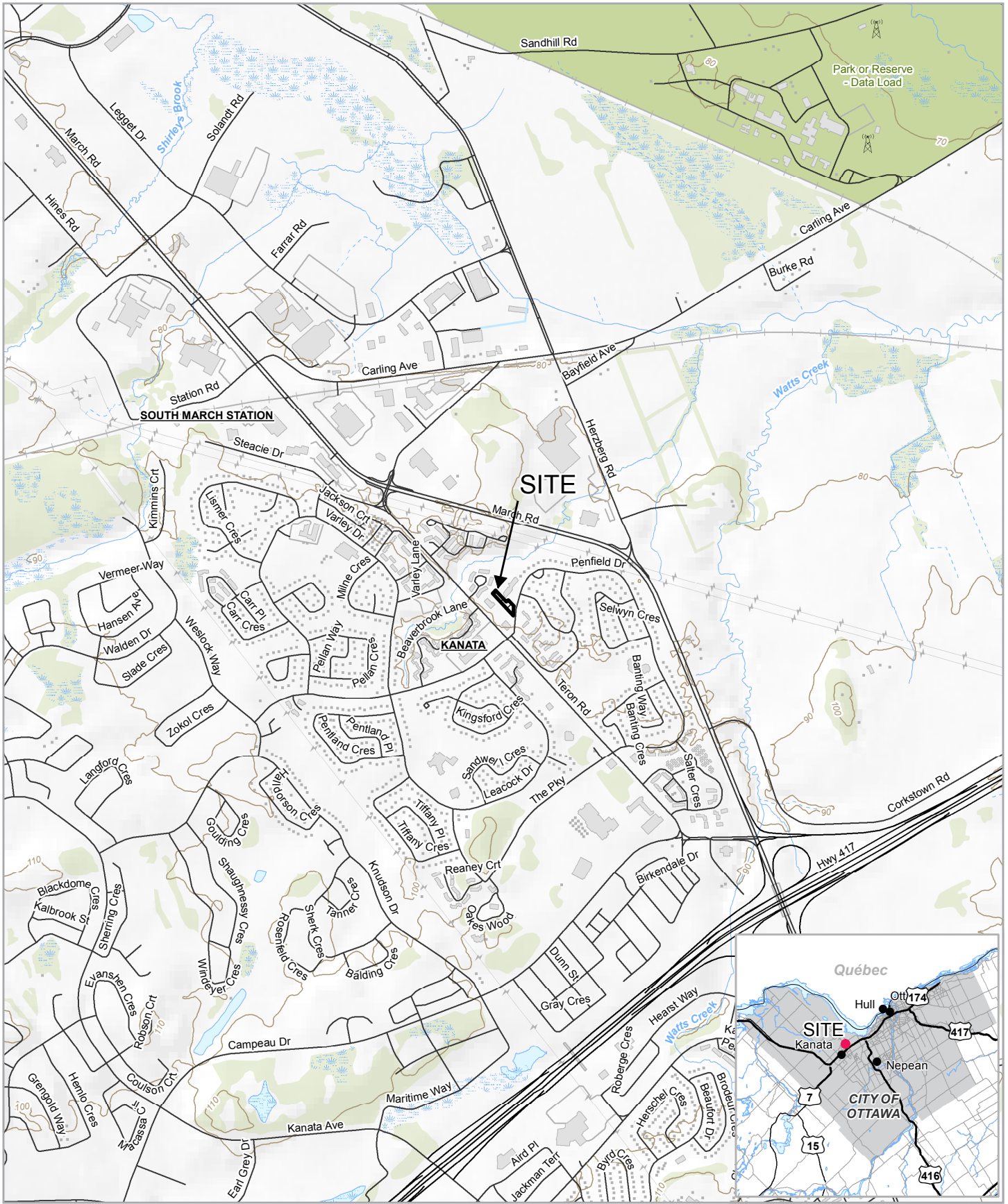


Luke Lopers, P. Eng., Q.P.E.S.A

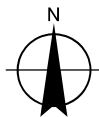


Kevin Emenau, P. Geo

# Figures



Map Projection: Transverse Mercator  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 UTM Zone 18N



**OTTAWA COMMUNITY HOUSING CORPORATION**  
 251 PENFIELD DRIVE, OTTAWA, ONTARIO  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

Project No. 11200830-E1  
 Revision No. -  
 Date Sep 26, 2019

**SITE LOCATION MAP**

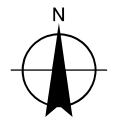
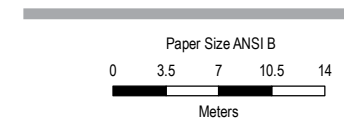
**FIGURE 1**





**Legend**

- Electrical Transformer
- Historical Drainage Ditch
- Off-Site PCA That May Contribute to On-Site APEC
- Off-Site Potentially Contaminating Activity (PCA)
- Approx. Property Boundary



**OTTAWA COMMUNITY HOUSING CORPORATION**  
 251 PENFIELD DRIVE, OTTAWA, ONTARIO  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

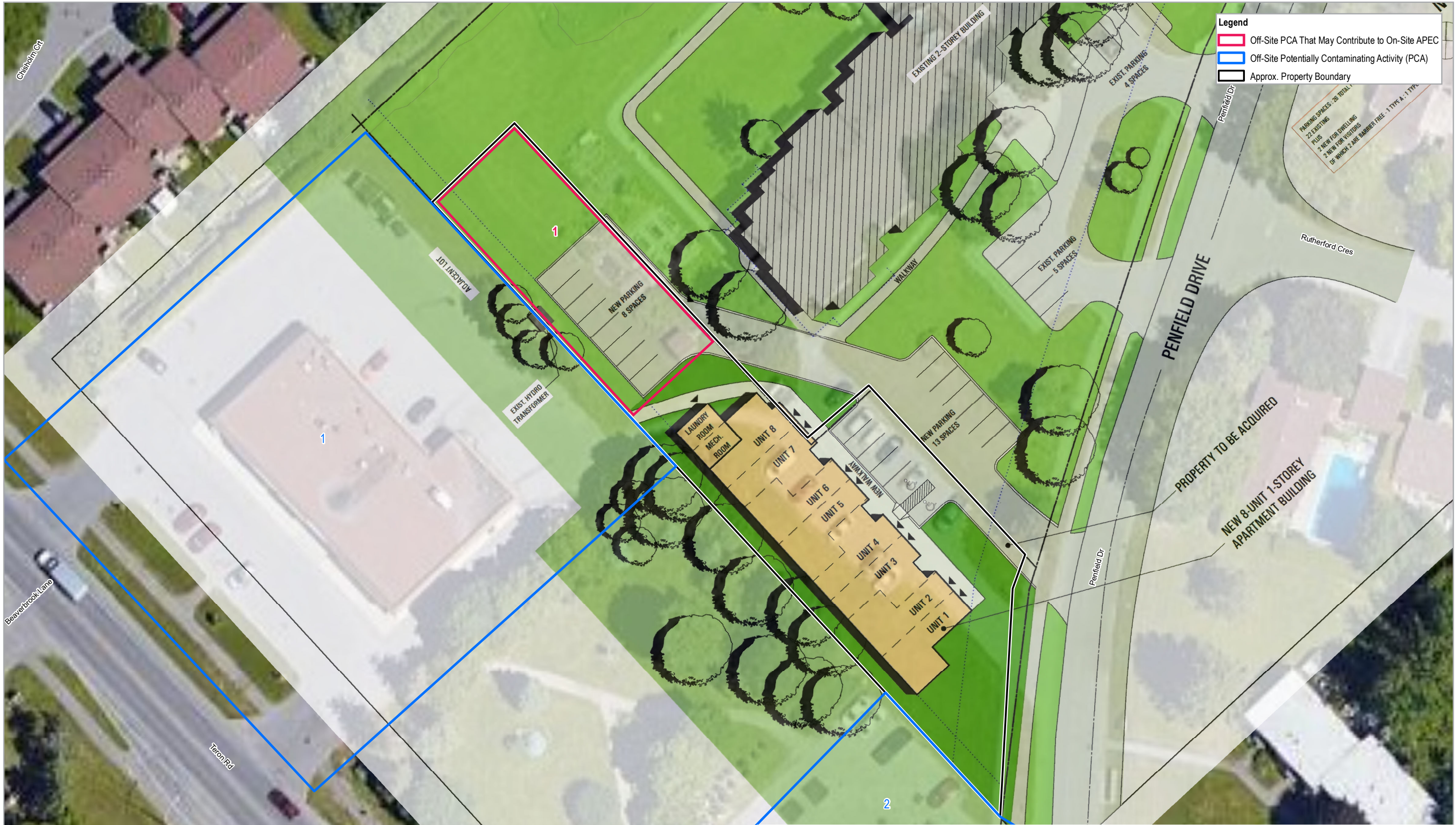
Project No. 11200830-E1  
 Revision No. -  
 Date Mar 10, 2020

Map Projection: Transverse Mercator  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 UTM Zone 18N

**SITE PLAN**

**FIGURE 2**

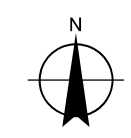
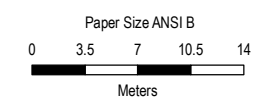




**Legend**

- Off-Site PCA That May Contribute to On-Site APEC
- Off-Site Potentially Contaminating Activity (PCA)
- Approx. Property Boundary

PARKING SPACES: 23 TOTAL  
 PLUS  
 7 NEW FOR DWELLING  
 2 NEW FOR VISITORS  
 OF WHICH 2 ARE BARRIER FREE - 1 TYPE A, 1 TYPE B



Map Projection: Transverse Mercator  
 Horizontal Datum: North American 1983  
 Grid: NAD 1983 UTM Zone 18N



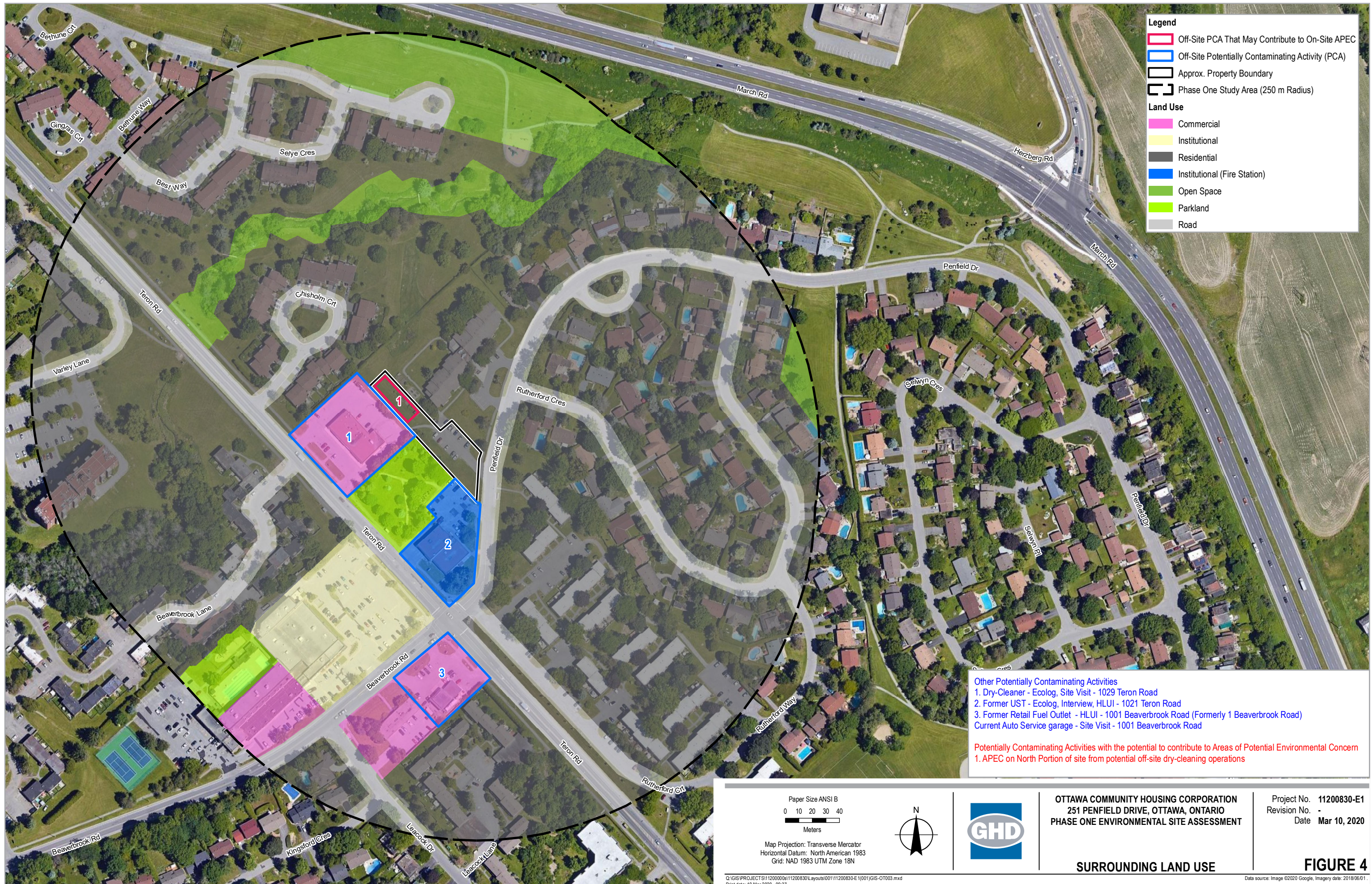
OTTAWA COMMUNITY HOUSING CORPORATION  
 251 PENFIELD DRIVE, OTTAWA, ONTARIO  
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**SITE DEVELOPMENT CONCEPT PLAN  
 (SITE PLAN)**

Project No. 11200830-E1  
 Revision No. -  
 Date Mar 10, 2020

**FIGURE 3**





**Legend**

- Off-Site PCA That May Contribute to On-Site APEC
- Off-Site Potentially Contaminating Activity (PCA)
- Approx. Property Boundary
- Phase One Study Area (250 m Radius)

**Land Use**

- Commercial
- Institutional
- Residential
- Institutional (Fire Station)
- Open Space
- Parkland
- Road

**Other Potentially Contaminating Activities**

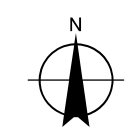
1. Dry-Cleaner - Ecolog, Site Visit - 1029 Teron Road
2. Former UST - Ecolog, Interview, HLUI - 1021 Teron Road
3. Former Retail Fuel Outlet - HLUI - 1001 Beaverbrook Road (Formerly 1 Beaverbrook Road)  
Current Auto Service garage - Site Visit - 1001 Beaverbrook Road

**Potentially Contaminating Activities with the potential to contribute to Areas of Potential Environmental Concern**

1. APEC on North Portion of site from potential off-site dry-cleaning operations

Paper Size ANSI B  
0 10 20 30 40  
Meters

Map Projection: Transverse Mercator  
Horizontal Datum: North American 1983  
Grid: NAD 1983 UTM Zone 18N



**OTTAWA COMMUNITY HOUSING CORPORATION**  
251 PENFIELD DRIVE, OTTAWA, ONTARIO  
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

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Revision No. -  
Date Mar 10, 2020

**SURROUNDING LAND USE**

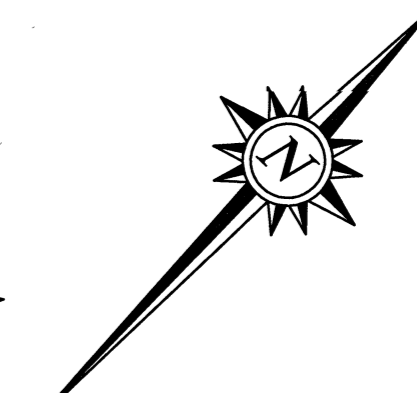
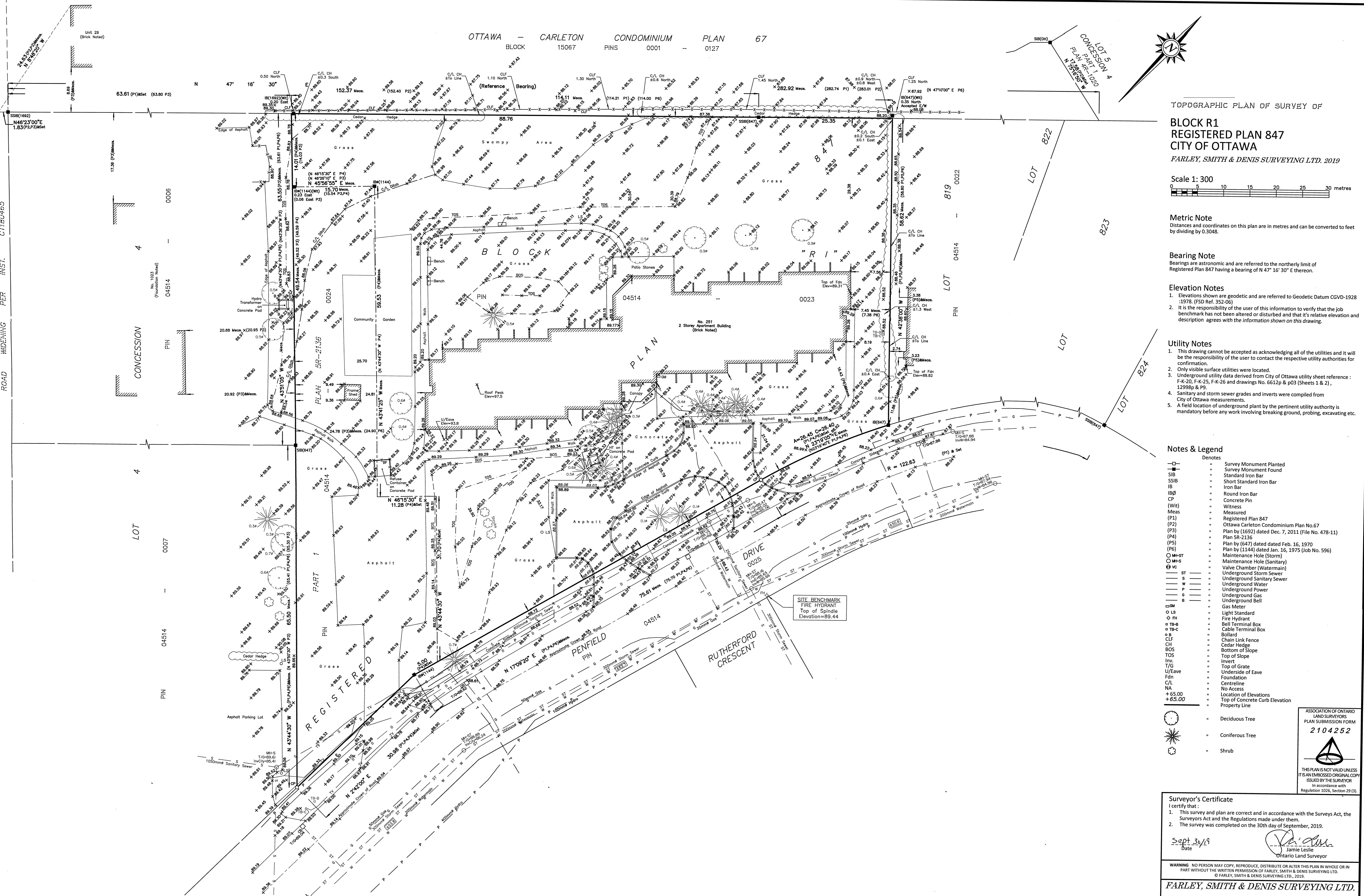
**FIGURE 4**



# Appendices

**Appendix A**  
**Plan of Survey and Site Development Concept**  
**Drawing**

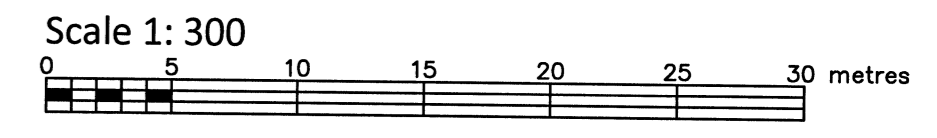
OTTAWA - CARLETON CONDOMINIUM PLAN 67



TOPOGRAPHIC PLAN OF SURVEY OF

BLOCK R1 REGISTERED PLAN 847 CITY OF OTTAWA

FARLEY, SMITH & DENIS SURVEYING LTD. 2019



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

Bearing Note: Bearings are astronomic and are referred to the northerly limit of Registered Plan 847 having a bearing of N 47° 16' 30" E thereon.

- Elevation Notes: 1. Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928:1978. (FSD Ref. 352-06) 2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that its relative elevation and description agrees with the information shown on this drawing.

- Utility Notes: 1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation. 2. Only visible surface utilities were located. 3. Underground utility data derived from City of Ottawa utility sheet reference: F-K-20, F-K-25, F-K-26 and drawings No. 6612p & p03 (Sheets 1 & 2), 12998p & p9. 4. Sanitary and storm sewer grades and inverts were compiled from City of Ottawa measurements. 5. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Notes & Legend table with symbols for Survey Monument Planted, Survey Monument Found, SIB, SSIB, IB, IBØ, CP, (Wit), Meas, (P1), (P2), (P3), (P4), (P5), (P6), MH-ST, MH-S, VC, ST, S, W, P, G, B, GM, LS, FH, TB-B, TB-C, B, CLF, CH, BOS, TOS, Inv, T/G, U/Eave, Fdn, C/L, NA, +65.00, +65.00, Property Line, Deciduous Tree, Coniferous Tree, Shrub.

ASSOCIATION OF ONTARIO LAND SURVEYORS PLAN SUBMISSION FORM 2104252. THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR In accordance with Regulation 1026, Section 29 (3).

Surveyor's Certificate: I certify that: 1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Regulations made under them. 2. The survey was completed on the 30th day of September, 2019. Date: Sept 30, 19. Signature: Jamie Leslie, Ontario Land Surveyor.

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FARLEY, SMITH & DENIS SURVEYING LTD. ONTARIO LAND SURVEYORS CANADA LAND SURVEYORS

190 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J5 TEL (613) 727-8226 FAX (613) 727-1826



GENERAL NOTES:

- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO MANUFACTURING OR CONSTRUCTION.
- DO NOT SCALE DRAWINGS.
- ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING CODE AND THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
- THIS DRAWING SET IS THE EXCLUSIVE PROPERTY OF ATELIER 292 ARCHITECT INC. COPYRIGHT RESERVED.

IMPORTANT NOTE:

THE CONTRACTOR SHALL NOT MAKE ANY CHANGES OR MODIFICATIONS WITHOUT ARCHITECT'S WRITTEN CONSENT. THE CONTRACTOR ASSUMES FULL LEGAL AND CONTRACTUAL LIABILITY FOR ANY UNAUTHORIZED CHANGES. THE CONTRACTOR MAY BE REQUIRED TO CORRECT THEM AT HIS OWN COST.

DATE ISSUED FOR:

PROJECT NORTH: ARCHITECT'S SEAL:

PROJECT NAME:  
 8-UNIT INFILL  
 251 PENFIELD DRIVE  
 OTTAWA, ONTARIO

DRAWING NAME:  
 SITE PLAN

DATE: 2019-07-10  
 PROJECT NO.: 1925  
 DRAWN BY: KJF  
 CHECKED BY: PJF  
 DRAWING NO.:



PARKING SPACES : 26 TOTAL FOR NEW P.U.D.  
 22 EXISTING  
 PLUS  
 2 NEW FOR DWELLING  
 2 NEW FOR VISITORS  
 OF WHICH 2 ARE BARRIER FREE - 1 TYPE A ; 1 TYPE B

# **Appendix B**

## **Environmental Search - Chain of Title**





## READ Abstracts Limited

---

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

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

Tel.: 613-236-0664

Fax: 613-236-3677

### ENVIRONMENTAL SEARCH

GHD Limited  
Attn: Zoe/Luke

#### BRIEF DESCRIPTION OF LAND:

251 Penfield Dr., Ottawa  
Block R1, Plan 847

PIN: 04514-0024

LAST REGISTERED OWNER: THE CORPORATION OF THE TOWNSHIP OF MARCH

#### CHAIN OF TITLE:

##### **Lot 3, Concession 4 March**

Deed MH132 registered Jun 9, 1872  
From Thomas Gainforth to William Gainforth

Deed MH757 registered Feb 25, 1886  
From William Gainforth to Nathaniel Scharf

Deed MH1277 registered Mar 26, 1896  
From Nathaniel Scharf to David Acharf

Deed MH3587 registered Feb 8, 1944  
From David Scharf to Reynolds Scharf

Deed MH3587 registered Apr 8, 1954  
From Reynold Scharf to Elisha Scharf and Hattie Scharf

Deed MH4676 registered Feb 15, 1961  
From Elisha Scharf and Hattie Scharf to Golden Ridge Realty Limited

Deed MH5067 registered Apr 15, 1963  
From Golden Ridge Realty Limited to William Teron Limited

Plan 847 registered Jan 29, 1970

By William Teron Limited

**Lot 4, Concession 4 March**

Deed MH48 registered Jul 27, 1869  
From David Boucher to William Colbert

Will MH912 registered Apr 13, 1889  
From William Colbert to John Colbert

Deed MH2125 registered May 6, 1911  
From John Colbert to George Gow

Deed MH2438 registered Dec 1, 1914  
From George Gow to George Armstrong

Deed MH2778 registered Mar 2, 1921  
From George Armstrong to Henry and Harold Armstrong

Deed MH4153 registered Dec 16, 1955  
From Harold Armstrong to Henry Armstrong

Deed MH4690 registered Feb 23, 1961  
From Henry Armstrong to Erickson Construction Company Limited

Deed MH5133 registered Sep 30, 1963  
From Erickson Construction Company limited to William Teron Limited

Plan 847 registered Jan 29, 1970  
By William Teron Limited

Block R1, Plan 847

Deed CT181600 registered Oct 15, 1973  
From Kanata Developments Limited to Ontario Housing Corporation  
(William Teron Limited changed it's name to Kanata Developments Limited)

Deed CT245292 registered Mar 28, 1977  
From Ontario Housing Corporation to the Corporation of the Township of March

# **Appendix C**

## **ERIS Database Summary**



# DATABASE REPORT

**Project Property:** *11200830 - 251 Penfield Drive  
251 Penfield Drive  
Kanata ON K2K 1M7*

**Project No:** *11200830*

**Report Type:** *Standard Report*

**Order No:** *20190807047*

**Requested by:** *GHD Limited*

**Date Completed:** *August 13, 2019*

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

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

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# Executive Summary

## Property Information:

**Project Property:** 11200830 - 251 Penfield Drive  
251 Penfield Drive Kanata ON K2K 1M7

**Project No:** 11200830

## **Coordinates:**

**Latitude:** 45.330491  
**Longitude:** -75.899333  
**UTM Northing:** 5,020,058.17  
**UTM Easting:** 429,527.50  
**UTM Zone:** UTM Zone 18T

**Elevation:** 298 FT  
90.88 M

## Order Information:

**Order No:** 20190807047  
**Date Requested:** August 7, 2019  
**Requested by:** GHD Limited  
**Report Type:** Standard Report

## Historical/Products:

**ERIS Xplorer** [ERIS Xplorer](#)  
**Physical Setting Report (PSR)** PSR

## 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            |
| 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                       | 4                     | 4            |
| CDRY            | <i>Dry Cleaning Facilities</i>                                  | Y               | 0                       | 1                     | 1            |
| CFOT            | <i>Commercial Fuel Oil Tanks</i>                                | Y               | 0                       | 0                     | 0            |
| CHEM            | <i>Chemical Register</i>  | Y               | 0                       | 0                     | 0            |
| CNG             | <i>Compressed Natural Gas Stations</i>                          | Y               | 0                       | 0                     | 0            |
| COAL            | <i>Inventory of Coal Gasification Plants and Coal Tar Sites</i> | Y               | 0                       | 0                     | 0            |
| CONV            | <i>Compliance and Convictions</i>                               | Y               | 0                       | 0                     | 0            |
| CPU             | <i>Certificates of Property Use</i>                             | Y               | 0                       | 0                     | 0            |
| DRL             | <i>Drill Hole Database</i>                                      | Y               | 0                       | 0                     | 0            |
| EASR            | <i>Environmental Activity and Sector Registry</i>               | Y               | 0                       | 0                     | 0            |
| EBR             | <i>Environmental Registry</i>                                   | Y               | 0                       | 0                     | 0            |
| ECA             | <i>Environmental Compliance Approval</i>                        | Y               | 0                       | 0                     | 0            |
| EEM             | <i>Environmental Effects Monitoring</i>                         | Y               | 0                       | 0                     | 0            |
| EHS             | <i>ERIS Historical Searches</i>                                 | Y               | 0                       | 4                     | 4            |
| EIIS            | <i>Environmental Issues Inventory System</i>                    | Y               | 0                       | 0                     | 0            |
| EMHE            | <i>Emergency Management Historical Event</i>                    | Y               | 0                       | 2                     | 2            |
| EPAR            | <i>Environmental Penalty Annual Report</i>                      | Y               | 0                       | 0                     | 0            |
| EXP             | <i>List of TSSA Expired Facilities</i>                          | Y               | 0                       | 13                    | 13           |
| FCON            | <i>Federal Convictions</i>                                      | Y               | 0                       | 0                     | 0            |
| FCS             | <i>Contaminated Sites on Federal Land</i>                       | Y               | 0                       | 0                     | 0            |
| FOFT            | <i>Fisheries &amp; Oceans Fuel Tanks</i>                        | Y               | 0                       | 0                     | 0            |
| FST             | <i>Fuel Storage Tank</i>  | Y               | 0                       | 0                     | 0            |
| FSTH            | <i>Fuel Storage Tank - Historic</i>                             | Y               | 0                       | 0                     | 0            |
| GEN             | <i>Ontario Regulation 347 Waste Generators Summary</i>          | Y               | 0                       | 20                    | 20           |
| GHG             | <i>Greenhouse Gas Emissions from Large Facilities</i>           | Y               | 0                       | 0                     | 0            |
| HINC            | <i>TSSA Historic Incidents</i>                                  | Y               | 0                       | 0                     | 0            |
| IAFT            | <i>Indian &amp; Northern Affairs Fuel Tanks</i>                 | Y               | 0                       | 0                     | 0            |
| INC             | <i>TSSA Incidents</i>   | Y               | 0                       | 0                     | 0            |
| LIMO            | <i>Landfill Inventory Management Ontario</i>                    | Y               | 0                       | 0                     | 0            |
| MINE            | <i>Canadian Mine Locations</i>                                  | Y               | 0                       | 0                     | 0            |



| <b>Database</b> | <b>Name</b>  | <b>Searched</b> | <b>Project Property</b> | <b>Within 0.25 km</b> | <b>Total</b> |
|-----------------|--|-----------------|-------------------------|-----------------------|--------------|
| MNR             | <i>Mineral Occurrences</i>   | Y               | 0                       | 0                     | 0            |
| NATE            | <i>National Analysis of Trends in Emergencies System (NATES)</i>     | Y               | 0                       | 0                     | 0            |
| NCPL            | <i>Non-Compliance Reports</i>  | Y               | 0                       | 0                     | 0            |
| NDFT            | <i>National Defense &amp; Canadian Forces Fuel Tanks</i>             | Y               | 0                       | 0                     | 0            |
| NDSP            | <i>National Defense &amp; Canadian Forces Spills</i>                 | Y               | 0                       | 0                     | 0            |
| NDWD            | <i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>   | Y               | 0                       | 0                     | 0            |
| NEBI            | <i>National Energy Board Pipeline Incidents</i>                      | Y               | 0                       | 0                     | 0            |
| NEBP            | <i>National Energy Board Wells</i>                                   | Y               | 0                       | 0                     | 0            |
| NEES            | <i>National Environmental Emergencies System (NEES)</i>              | Y               | 0                       | 0                     | 0            |
| NPCB            | <i>National PCB Inventory</i>  | Y               | 0                       | 0                     | 0            |
| NPRI            | <i>National Pollutant Release Inventory</i>                          | Y               | 0                       | 0                     | 0            |
| OGWE            | <i>Oil and Gas Wells</i>   | Y               | 0                       | 0                     | 0            |
| OOGW            | <i>Ontario Oil and Gas Wells</i>                                     | Y               | 0                       | 0                     | 0            |
| OPCB            | <i>Inventory of PCB Storage Sites</i>                                | Y               | 0                       | 0                     | 0            |
| ORD             | <i>Orders</i>  | Y               | 0                       | 0                     | 0            |
| PAP             | <i>Canadian Pulp and Paper</i>                                       | Y               | 0                       | 0                     | 0            |
| PCFT            | <i>Parks Canada Fuel Storage Tanks</i>                               | Y               | 0                       | 0                     | 0            |
| PES             | <i>Pesticide Register</i>  | Y               | 0                       | 2                     | 2            |
| PINC            | <i>TSSA Pipeline Incidents</i>                                       | Y               | 0                       | 3                     | 3            |
| PRT             | <i>Private and Retail Fuel Storage Tanks</i>                         | Y               | 0                       | 1                     | 1            |
| 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                       | 1                     | 1            |
| SCT             | <i>Scott's Manufacturing Directory</i>                               | Y               | 0                       | 5                     | 5            |
| SPL             | <i>Ontario Spills</i>  | Y               | 0                       | 7                     | 7            |
| SRDS            | <i>Wastewater Discharger Registration Database</i>                   | Y               | 0                       | 0                     | 0            |
| TANK            | <i>Anderson's Storage Tanks</i>                                      | Y               | 0                       | 0                     | 0            |
| TCFT            | <i>Transport Canada Fuel Storage Tanks</i>                           | Y               | 0                       | 0                     | 0            |
| VAR             | <i>TSSA Variances for Abandonment of Underground Storage Tanks</i>   | Y               | 0                       | 0                     | 0            |
| WDS             | <i>Waste Disposal Sites - MOE CA Inventory</i>                       | Y               | 0                       | 0                     | 0            |
| WDSH            | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y               | 0                       | 0                     | 0            |
| WWIS            | <i>Water Well Information System</i>                                 | Y               | 0                       | 11                    | 11           |
| <b>Total:</b>   |  |                 | 0                       | 74                    | 74           |

## Executive Summary: Site Report Summary - Project Property

| <i>Map<br/>Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Dir/Dist (m)</i> | <i>Elev diff<br/>(m)</i> | <i>Page<br/>Number</i> |
|--------------------|-----------|--------------------------|----------------|---------------------|--------------------------|------------------------|
|--------------------|-----------|--------------------------|----------------|---------------------|--------------------------|------------------------|

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

## Executive Summary: Site Report Summary - Surrounding Properties

| <i>Map Key</i>    | <i>DB</i> | <i>Company/Site Name</i>                   | <i>Address</i>  | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|--|---|---------------------|----------------------|--------------------|
| <a href="#">1</a> | GEN       | City of Ottawa                             | 1021 Teron Road<br>Kanata ON K2K 1R2  | SSW/44.8            | 0.00                 | <a href="#">25</a> |
| <a href="#">1</a> | SPL       | City of Ottawa                             | 1021 Teron Rd FIRESTATION<br>#42<UNOFFICIAL><br>Ottawa ON                             | SSW/44.8            | 0.00                 | <a href="#">25</a> |
| <a href="#">2</a> | WWIS      |  | OTTAWA ON<br><b>Well ID:</b> 7040548  | S/75.8              | 0.00                 | <a href="#">25</a> |
| <a href="#">2</a> | WWIS      |  | OTTAWA ON<br><b>Well ID:</b> 7101180  | S/75.8              | 0.00                 | <a href="#">28</a> |
| <a href="#">3</a> | PINC      |  | 35 CHISHOLM COURT, OTTAWA<br>ON   | NW/123.3            | 0.00                 | <a href="#">31</a> |
| <a href="#">3</a> | SPL       | Enbridge Gas Distribution Inc.             | 35 Chisholm Crt<br>Ottawa ON  | NW/123.3            | 0.00                 | <a href="#">31</a> |
| <a href="#">4</a> | WWIS      |  | KANATA ON<br><b>Well ID:</b> 7174570  | S/146.2             | 0.00                 | <a href="#">32</a> |
| <a href="#">5</a> | GEN       | CAPREIT                                    | 81 Beaverbrook Lane<br>Ottawa ON K2K 1L7  | WSW/159.6           | -1.00                | <a href="#">34</a> |
| <a href="#">5</a> | SPL       | PRIVATE OWNER                              | 81 BEAVER BROOK LANE SAM ROSE -<br>613-271-0303 STORAGE TANK/BARREL<br>OTTAWA CITY ON | WSW/159.6           | -1.00                | <a href="#">35</a> |
| <a href="#">6</a> | GEN       | G & T CLEANERS INC.                        | O.B. KANATA CLEANERS 1029 TERON<br>ROAD<br>KANATA ON K2K 1R2                          | N/171.3             | -6.08                | <a href="#">35</a> |
| <a href="#">6</a> | GEN       | G & T CLEANERS INC./O/B<br>KANATA CLEANERS | 1029 TERON ROAD<br>KANATA ON K2K 1R2  | N/171.3             | -6.08                | <a href="#">36</a> |
| <a href="#">6</a> | GEN       | KANATA CLEANERS INC. 17-<br>449            | O.B. KANATA CLEANERS 1029 TERON<br>ROAD<br>KANATA ON K2K 1R2                          | N/171.3             | -6.08                | <a href="#">36</a> |

| <i>Map Key</i>    | <i>DB</i> | <i>Company/Site Name</i>       | <i>Address</i>  | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|--------------------------------|---|---------------------|----------------------|--------------------|
| <a href="#">6</a> | GEN       | KANATA CLEANERS INC.           | 1029 TERON ROAD<br>KANATA ON K2K 1R2                                      | N/171.3             | -6.08                | <a href="#">36</a> |
| <a href="#">6</a> | GEN       | KANATA CLEANERS INC.           | 1029 TERON ROAD<br>KANATA ON K2K 1R2                                      | N/171.3             | -6.08                | <a href="#">36</a> |
| <a href="#">7</a> | CA        | City of Ottawa                 | Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road<br>Ottawa ON | SSW/178.4           | 0.00                 | <a href="#">37</a> |
| <a href="#">8</a> | EHS       |                                | 1 Beaverbrook Road<br>Kanata ON K2K 1L2                                   | S/182.8             | 1.00                 | <a href="#">37</a> |
| <a href="#">8</a> | EHS       |                                | 1 Beaverbrook Rd<br>Kanata ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">37</a> |
| <a href="#">8</a> | EHS       |                                | 1 Beaverbrook Road<br>Kanata ON K2K 1L2                                   | S/182.8             | 1.00                 | <a href="#">37</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">38</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">38</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">38</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">38</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2                                     | S/182.8             | 1.00                 | <a href="#">39</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON   | S/182.8             | 1.00                 | <a href="#">39</a> |
| <a href="#">8</a> | EXP       | FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON   | S/182.8             | 1.00                 | <a href="#">39</a> |

| <b>Map Key</b>     | <b>DB</b> | <b>Company/Site Name</b>        | <b>Address</b>                        | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b> |
|--------------------|-----------|---------------------------------|---------------------------------------|---------------------|----------------------|--------------------|
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON         | S/182.8             | 1.00                 | <a href="#">39</a> |
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON         | S/182.8             | 1.00                 | <a href="#">40</a> |
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S/182.8             | 1.00                 | <a href="#">40</a> |
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S/182.8             | 1.00                 | <a href="#">40</a> |
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S/182.8             | 1.00                 | <a href="#">40</a> |
| <a href="#">8</a>  | EXP       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S/182.8             | 1.00                 | <a href="#">40</a> |
| <a href="#">8</a>  | PRT       | FRANK G RODE KANATA SELF SERVE  | 1 BEAVERBROOKE RD<br>KANATA ON K2K1L2 | S/182.8             | 1.00                 | <a href="#">41</a> |
| <a href="#">8</a>  | RST       | BEAVERBROOK ESSO SERVICE CENTRE | 1 BEAVERBROOK RD<br>KANATA ON K2K1L2  | S/182.8             | 1.00                 | <a href="#">41</a> |
| <a href="#">9</a>  | SPL       |                                 | 219 Penfield Dr<br>Ottawa ON          | NNE/186.3           | -3.27                | <a href="#">41</a> |
| <a href="#">10</a> | WWIS      |                                 | ON<br><b>Well ID:</b> 7311685         | WNW/187.2           | -2.39                | <a href="#">42</a> |
| <a href="#">11</a> | CDRY      | Kanata Cleaners                 | 1029 Teron Rd<br>Kanata ON K2K1R2     | N/187.3             | -6.00                | <a href="#">42</a> |
| <a href="#">12</a> | WWIS      |                                 | KANATA ON<br><b>Well ID:</b> 7286298  | ESE/190.0           | 2.00                 | <a href="#">43</a> |
| <a href="#">12</a> | WWIS      |                                 | KANATA ON                             | ESE/190.0           | 2.00                 | <a href="#">45</a> |

| <b>Map Key</b>     | <b>DB</b> | <b>Company/Site Name</b>                    | <b>Address</b>  | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b> |
|--------------------|-----------|---|---|---------------------|----------------------|--------------------|
|                    |           |   | <i>Well ID: 7292926</i>   |                     |                      |                    |
| <a href="#">13</a> | WWIS      |   | KANATA ON<br><i>Well ID: 7286297</i>                              | ESE/190.2           | 2.00                 | <a href="#">47</a> |
| <a href="#">13</a> | WWIS      |   | KANATA ON<br><i>Well ID: 7292927</i>                              | ESE/190.2           | 2.00                 | <a href="#">50</a> |
| <a href="#">14</a> | GEN       | DNA Genotek Inc                             | 2 Beaverbrook rd<br>Kanata ON K2K1L1                              | SW/199.5            | -1.00                | <a href="#">52</a> |
| <a href="#">14</a> | GEN       | DNA Genotek Inc                             | 2 Beaverbrook rd<br>Kanata ON K2K1L1                              | SW/199.5            | -1.00                | <a href="#">52</a> |
| <a href="#">14</a> | GEN       | DNA Genotek Inc                             | 2 Beaverbrook rd<br>Kanata ON K2K1L1                              | SW/199.5            | -1.00                | <a href="#">53</a> |
| <a href="#">15</a> | SPL       | PRIVATE RESIDENCE                           | 132 RUTHERFORD CRT. FURNACE OIL<br>TANK<br>KANATA CITY ON K2K 1N6 | SSE/200.3           | 1.31                 | <a href="#">54</a> |
| <a href="#">16</a> | CA        | DAVID MCKEEN IN TRUST<br>(BEAVERBROOK MALL) | BEAVERBROOK RD.<br>KANATA CITY ON                                 | SSW/208.4           | 0.00                 | <a href="#">54</a> |
| <a href="#">16</a> | CA        | DAVID MCKEEN IN TRUST<br>(BEAVERBROOK MALL) | BEAVERBROOK RD.<br>KANATA CITY ON                                 | SSW/208.4           | 0.00                 | <a href="#">55</a> |
| <a href="#">17</a> | CA        | BEAVERBROOK MALL                            | 2 BEAVERBROOK ROAD<br>KANATA CITY ON K2K 1L1                      | SW/210.7            | -1.00                | <a href="#">55</a> |
| <a href="#">17</a> | EHS       |   | 2 Beaverbrook Rd<br>Ottawa ON K2K1L1                              | SW/210.7            | -1.00                | <a href="#">55</a> |
| <a href="#">17</a> | GEN       | KANATA CHIROPRACTIC<br>CENTRE 23-507        | #208 2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1                      | SW/210.7            | -1.00                | <a href="#">55</a> |
| <a href="#">17</a> | GEN       | KANATA CHIROPRACTIC<br>CENTRE               | 2 BEAVERBROOK ROAD, UNIT 208<br>KANATA ON K2K 1L1                 | SW/210.7            | -1.00                | <a href="#">56</a> |
| <a href="#">17</a> | GEN       | DR. MICHAEL HIEL                            | 2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1                            | SW/210.7            | -1.00                | <a href="#">56</a> |

| <i>Map Key</i>     | <i>DB</i> | <i>Company/Site Name</i>        | <i>Address</i>  | <i>Dir/Dist (m)</i> | <i>Elev Diff (m)</i> | <i>Page Number</i> |
|--------------------|-----------|---------------------------------|---|---------------------|----------------------|--------------------|
| <a href="#">17</a> | GEN       | DR. MICHAEL HIEL 12-428         | 2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1                              | SW/210.7            | -1.00                | <a href="#">56</a> |
| <a href="#">17</a> | GEN       | DAVID MCKEEN                    | 2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1                             | SW/210.7            | -1.00                | <a href="#">56</a> |
| <a href="#">17</a> | GEN       | HOLMES HEATING INC.             | 2 BEAVERBROOK RD<br>KANATA ON K2K 1L1                               | SW/210.7            | -1.00                | <a href="#">57</a> |
| <a href="#">17</a> | GEN       | DNA Genotek Inc                 | 2 Beaverbrook rd<br>Kanata ON K2K 1L1                               | SW/210.7            | -1.00                | <a href="#">57</a> |
| <a href="#">17</a> | GEN       | DNA Genotek Inc                 | 2 Beaverbrook rd<br>Kanata ON K2K 1L1                               | SW/210.7            | -1.00                | <a href="#">57</a> |
| <a href="#">17</a> | GEN       | DNA Genotek Inc                 | 2 Beaverbrook rd<br>Kanata ON K2K 1L1                               | SW/210.7            | -1.00                | <a href="#">58</a> |
| <a href="#">17</a> | GEN       | DNA Genotek Inc                 | 2 Beaverbrook rd<br>Kanata ON                                       | SW/210.7            | -1.00                | <a href="#">58</a> |
| <a href="#">17</a> | PINC      |                                 | 2 Beaverbrook Road, Ottawa<br>ON                                    | SW/210.7            | -1.00                | <a href="#">59</a> |
| <a href="#">17</a> | SCT       | DNA Genotek Inc.                | 2 Beaverbrook Rd<br>Kanata ON K2K 1L1                               | SW/210.7            | -1.00                | <a href="#">59</a> |
| <a href="#">17</a> | SPL       | TRANSPORT TRUCK                 | 2 BEAVERBROOKE MOTOR VEHICLE<br>(OPERATING FLUID)<br>OTTAWA CITY ON | SW/210.7            | -1.00                | <a href="#">60</a> |
| <a href="#">18</a> | SPL       |                                 | 25 Rutherford Cres., Kanata<br>Ottawa ON                            | ESE/210.9           | 2.00                 | <a href="#">60</a> |
| <a href="#">19</a> | SCT       | FIFTY-FIVE PLUS                 | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2                               | S/216.8             | 0.14                 | <a href="#">61</a> |
| <a href="#">19</a> | SCT       | THE KANATA KOURIER-<br>STANDARD | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2                               | S/216.8             | 0.14                 | <a href="#">61</a> |



| <b>Map Key</b>     | <b>DB</b> | <b>Company/Site Name</b>               | <b>Address</b>                               | <b>Dir/Dist (m)</b> | <b>Elev Diff (m)</b> | <b>Page Number</b> |
|--------------------|-----------|--|--|---------------------|----------------------|--------------------|
| <a href="#">19</a> | SCT       | KANATA KOURIER-STANDARD                | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2        | S/216.8             | 0.14                 | <a href="#">61</a> |
| <a href="#">19</a> | SCT       | Coyle Publishing Inc.                  | 3 Beaverbrook Rd<br>Kanata ON K2K 1L2        | S/216.8             | 0.14                 | <a href="#">61</a> |
| <a href="#">20</a> | EMHE      |  | Pembroke ON                                  | SW/230.9            | -1.00                | <a href="#">61</a> |
| <a href="#">20</a> | EMHE      |  | Kemptville ON                                | SW/230.9            | -1.00                | <a href="#">62</a> |
| <a href="#">21</a> | WWIS      |  | KANATA ON<br><b>Well ID:</b> 7286296         | ESE/239.4           | 2.03                 | <a href="#">62</a> |
| <a href="#">21</a> | WWIS      |  | KANATA ON<br><b>Well ID:</b> 7292925         | ESE/239.4           | 2.03                 | <a href="#">64</a> |
| <a href="#">22</a> | WWIS      |  | lot 4 con 4<br>ON<br><b>Well ID:</b> 1528608 | E/240.9             | 1.00                 | <a href="#">66</a> |
| <a href="#">23</a> | PINC      |  | 22 SELYE CRES, KANATA<br>ON                  | NNW/246.7           | 0.00                 | <a href="#">70</a> |
| <a href="#">24</a> | PES       | NEVON CARE INC. O/A GO<br>PEST CONTROL | 2 RUTHERFORD CRES<br>KANATA ON K2K1M9        | ENE/247.5           | 1.00                 | <a href="#">70</a> |
| <a href="#">24</a> | PES       | NEVON CARE INC. O/A GO<br>PEST CONTROL | 2 RUTHERFORD CRES<br>KANATA ON K2K1M9        | ENE/247.5           | 1.00                 | <a href="#">70</a> |

# Executive Summary: Summary By Data Source

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

| <b><u>Equal/Higher Elevation</u></b>        | <b><u>Address</u></b>  | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|---|--|-------------------------|----------------------------|---------------------------|
| City of Ottawa                              | Leacock Drive, Leacock Way,<br>Beaverbrook Road, and Teron Road<br>Ottawa ON | SSW                     | 178.39                     | <a href="#"><u>7</u></a>  |
| DAVID MCKEEN IN TRUST<br>(BEAVERBROOK MALL) | BEAVERBROOK RD.<br>KANATA CITY ON  | SSW                     | 208.40                     | <a href="#"><u>16</u></a> |
| DAVID MCKEEN IN TRUST<br>(BEAVERBROOK MALL) | BEAVERBROOK RD.<br>KANATA CITY ON  | SSW                     | 208.40                     | <a href="#"><u>16</u></a> |

| <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>     |
|-------------------------------|--|-------------------------|----------------------------|---------------------------|
| BEAVERBROOK MALL              | 2 BEAVERBROOK ROAD<br>KANATA CITY ON K2K 1L1 | SW                      | 210.70                     | <a href="#"><u>17</u></a> |

## **CDRY - Dry Cleaning Facilities**

A search of the CDRY database, dated Jan 2004-Dec 2017 has found that there are 1 CDRY 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>     |
|-------------------------------|-----------------------------------|-------------------------|----------------------------|---------------------------|
| Kanata Cleaners               | 1029 Teron Rd<br>Kanata ON K2K1R2 | N                       | 187.28                     | <a href="#"><u>11</u></a> |

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Apr 30, 2019 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

| <b><u>Equal/Higher Elevation</u></b> | <b><u>Address</u></b>                   | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>    |
|--------------------------------------|---|-------------------------|----------------------------|--------------------------|
|                                      | 1 Beaverbrook Road<br>Kanata ON K2K 1L2 | S                       | 182.80                     | <a href="#"><u>8</u></a> |

| <u>Equal/Higher Elevation</u> | <u>Address</u>                          | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>    |
|-------------------------------|---|------------------|---------------------|-------------------|
|                               | 1 Beaverbrook Road<br>Kanata ON K2K 1L2 | S                | 182.80              | <a href="#">8</a> |
|                               | 1 Beaverbrook Rd<br>Kanata ON K2K 1L2   | S                | 182.80              | <a href="#">8</a> |

| <u>Lower Elevation</u> | <u>Address</u>                       | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|------------------------|--------------------------------------|------------------|---------------------|--------------------|
|                        | 2 Beaverbrook Rd<br>Ottawa ON K2K1L1 | SW               | 210.70              | <a href="#">17</a> |

### **EMHE - Emergency Management Historical Event**

A search of the EMHE database, dated Dec 31, 2016 has found that there are 2 EMHE site(s) within approximately 0.25 kilometers of the project property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|------------------------|----------------|------------------|---------------------|--------------------|
|                        | Kemptville ON  | SW               | 230.92              | <a href="#">20</a> |
|                        | Pembroke ON    | SW               | 230.92              | <a href="#">20</a> |

### **EXP - List of TSSA Expired Facilities**

A search of the EXP database, dated Feb 28, 2017 has found that there are 13 EXP site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u>     | <u>Address</u>                        | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>    |
|-----------------------------------|---------------------------------------|------------------|---------------------|-------------------|
| FRANK G RODE KANATA SELF<br>SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#">8</a> |
| FRANK G RODE KANATA SELF<br>SERVE | 1 BEAVERBROOK RD<br>KANATA ON         | S                | 182.80              | <a href="#">8</a> |

| <u>Equal/Higher Elevation</u>  | <u>Address</u>                        | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>           |
|--------------------------------|---------------------------------------|------------------|---------------------|--------------------------|
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON         | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON         | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON         | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                | 182.80              | <a href="#"><u>8</u></a> |

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

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 20 GEN site(s) within approximately 0.25 kilometers

of the project property.

| <b><u>Equal/Higher Elevation</u></b>       | <b><u>Address</u></b>  | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--|--|-------------------------|----------------------------|---------------------------|
| City of Ottawa                             | 1021 Teron Road<br>Kanata ON K2K 1R2                         | SSW                     | 44.84                      | <a href="#"><u>1</u></a>  |
| <br>                                       |  |                         |                            |                           |
| <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>     |
| CAPREIT                                    | 81 Beaverbrook Lane<br>Ottawa ON K2K 1L7                     | WSW                     | 159.60                     | <a href="#"><u>5</u></a>  |
| KANATA CLEANERS INC.                       | 1029 TERON ROAD<br>KANATA ON K2K 1R2                         | N                       | 171.33                     | <a href="#"><u>6</u></a>  |
| KANATA CLEANERS INC.                       | 1029 TERON ROAD<br>KANATA ON K2K 1R2                         | N                       | 171.33                     | <a href="#"><u>6</u></a>  |
| KANATA CLEANERS INC. 17-449                | O.B. KANATA CLEANERS 1029<br>TERON ROAD<br>KANATA ON K2K 1R2 | N                       | 171.33                     | <a href="#"><u>6</u></a>  |
| G & T CLEANERS INC./O/B<br>KANATA CLEANERS | 1029 TERON ROAD<br>KANATA ON K2K 1R2                         | N                       | 171.33                     | <a href="#"><u>6</u></a>  |
| G & T CLEANERS INC.                        | O.B. KANATA CLEANERS 1029<br>TERON ROAD<br>KANATA ON K2K 1R2 | N                       | 171.33                     | <a href="#"><u>6</u></a>  |
| DNA Genotek Inc                            | 2 Beaverbrook rd<br>Kanata ON K2K1L1                         | SW                      | 199.55                     | <a href="#"><u>14</u></a> |
| DNA Genotek Inc                            | 2 Beaverbrook rd<br>Kanata ON K2K1L1                         | SW                      | 199.55                     | <a href="#"><u>14</u></a> |
| DNA Genotek Inc                            | 2 Beaverbrook rd<br>Kanata ON K2K1L1                         | SW                      | 199.55                     | <a href="#"><u>14</u></a> |
| KANATA CHIROPRACTIC<br>CENTRE 23-507       | #208 2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1                 | SW                      | 210.70                     | <a href="#"><u>17</u></a> |

|                            |   |    |        |                    |
|----------------------------|---|----|--------|--------------------|
| KANATA CHIROPRACTIC CENTRE | 2 BEAVERBROOK ROAD, UNIT 208<br>KANATA ON K2K 1L1 | SW | 210.70 | <a href="#">17</a> |
| DR. MICHAEL HIEL           | 2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1            | SW | 210.70 | <a href="#">17</a> |
| DR. MICHAEL HIEL 12-428    | 2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1            | SW | 210.70 | <a href="#">17</a> |
| DAVID MCKEEN               | 2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1           | SW | 210.70 | <a href="#">17</a> |
| HOLMES HEATING INC.        | 2 BEAVERBROOK RD<br>KANATA ON K2K 1L1             | SW | 210.70 | <a href="#">17</a> |
| DNA Genotek Inc            | 2 Beaverbrook rd<br>Kanata ON K2K 1L1             | SW | 210.70 | <a href="#">17</a> |
| DNA Genotek Inc            | 2 Beaverbrook rd<br>Kanata ON K2K 1L1             | SW | 210.70 | <a href="#">17</a> |
| DNA Genotek Inc            | 2 Beaverbrook rd<br>Kanata ON K2K 1L1             | SW | 210.70 | <a href="#">17</a> |
| DNA Genotek Inc            | 2 Beaverbrook rd<br>Kanata ON                     | SW | 210.70 | <a href="#">17</a> |

## **PES - Pesticide Register**

A search of the PES database, dated 1988-Mar 2019 has found that there are 2 PES site(s) within approximately 0.25 kilometers of the project property.

| <b><u>Equal/Higher Elevation</u></b> | <b><u>Address</u></b>                 | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b> |
|--------------------------------------|---------------------------------------|-------------------------|----------------------------|-----------------------|
| NEVON CARE INC. O/A GO PEST CONTROL  | 2 RUTHERFORD CRES<br>KANATA ON K2K1M9 | ENE                     | 247.51                     | <a href="#">24</a>    |

| <u>Equal/Higher Elevation</u>       | <u>Address</u>                        | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------------------------------|---------------------------------------|------------------|---------------------|--------------------|
| NEVON CARE INC. O/A GO PEST CONTROL | 2 RUTHERFORD CRES<br>KANATA ON K2K1M9 | ENE              | 247.51              | <a href="#">24</a> |

### **PINC - TSSA Pipeline Incidents**

A search of the PINC database, dated Feb 28, 2017 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                  | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------------------------|---------------------------------|------------------|---------------------|--------------------|
|                               | 35 CHISHOLM COURT, OTTAWA<br>ON | NW               | 123.31              | <a href="#">3</a>  |
|                               | 22 SELYE CRES, KANATA<br>ON     | NNW              | 246.70              | <a href="#">23</a> |

| <u>Lower Elevation</u> | <u>Address</u>                   | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|------------------------|----------------------------------|------------------|---------------------|--------------------|
|                        | 2 Beaverbrook Road, Ottawa<br>ON | SW               | 210.70              | <a href="#">17</a> |

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u>  | <u>Address</u>                        | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>    |
|--------------------------------|---------------------------------------|------------------|---------------------|-------------------|
| FRANK G RODE KANATA SELF SERVE | 1 BEAVERBROOKE RD<br>KANATA ON K2K1L2 | S                | 182.80              | <a href="#">8</a> |

### **RST - Retail Fuel Storage Tanks**

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

| <u>Equal/Higher Elevation</u>   | <u>Address</u>                       | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>    |
|---------------------------------|--------------------------------------|------------------|---------------------|-------------------|
| BEAVERBROOK ESSO SERVICE CENTRE | 1 BEAVERBROOK RD<br>KANATA ON K2K1L2 | S                | 182.80              | <a href="#">8</a> |



## **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 5 SCT site(s) within approximately 0.25 kilometers of the project property.

| <b><u>Equal/Higher Elevation</u></b> | <b><u>Address</u></b>                 | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------------------------|---------------------------------------|-------------------------|----------------------------|---------------------------|
| Coyle Publishing Inc.                | 3 Beaverbrook Rd<br>Kanata ON K2K 1L2 | S                       | 216.84                     | <a href="#"><u>19</u></a> |
| FIFTY-FIVE PLUS                      | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                       | 216.84                     | <a href="#"><u>19</u></a> |
| KANATA KOURIER-STANDARD              | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                       | 216.84                     | <a href="#"><u>19</u></a> |
| THE KANATA KOURIER-STANDARD          | 3 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | S                       | 216.84                     | <a href="#"><u>19</u></a> |

| <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>     |
|-------------------------------|---------------------------------------|-------------------------|----------------------------|---------------------------|
| DNA Genotek Inc.              | 2 Beaverbrook Rd<br>Kanata ON K2K 1L1 | SW                      | 210.70                     | <a href="#"><u>17</u></a> |

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Feb 2019 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

| <b><u>Equal/Higher Elevation</u></b> | <b><u>Address</u></b>   | <b><u>Direction</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------------------------|---|-------------------------|----------------------------|---------------------------|
| City of Ottawa                       | 1021 Teron Rd FIRESTATION<br>#42<UNOFFICIAL><br>Ottawa ON         | SSW                     | 44.84                      | <a href="#"><u>1</u></a>  |
| Enbridge Gas Distribution Inc.       | 35 Chisholm Crt<br>Ottawa ON                                      | NW                      | 123.31                     | <a href="#"><u>3</u></a>  |
| PRIVATE RESIDENCE                    | 132 RUTHERFORD CRT. FURNACE<br>OIL TANK<br>KANATA CITY ON K2K 1N6 | SSE                     | 200.29                     | <a href="#"><u>15</u></a> |

| <u>Equal/Higher Elevation</u> | <u>Address</u>   | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------------------------|--|------------------|---------------------|---------------------------|
|                               | 25 Rutherford Cres., Kanata<br>Ottawa ON   | ESE              | 210.87              | <a href="#"><u>18</u></a> |
| <b>Lower Elevation</b>        | <b>Address</b>   | <b>Direction</b> | <b>Distance (m)</b> | <b>Map Key</b>            |
| PRIVATE OWNER                 | 81 BEAVER BROOK LANE SAM<br>ROSE - 613-271-0303 STORAGE<br>TANK/BARREL<br>OTTAWA CITY ON | WSW              | 159.60              | <a href="#"><u>5</u></a>  |
|                               | 219 Penfield Dr<br>Ottawa ON   | NNE              | 186.32              | <a href="#"><u>9</u></a>  |
| TRANSPORT TRUCK               | 2 BEAVERBROOKE MOTOR<br>VEHICLE (OPERATING FLUID)<br>OTTAWA CITY ON                      | SW               | 210.70              | <a href="#"><u>17</u></a> |

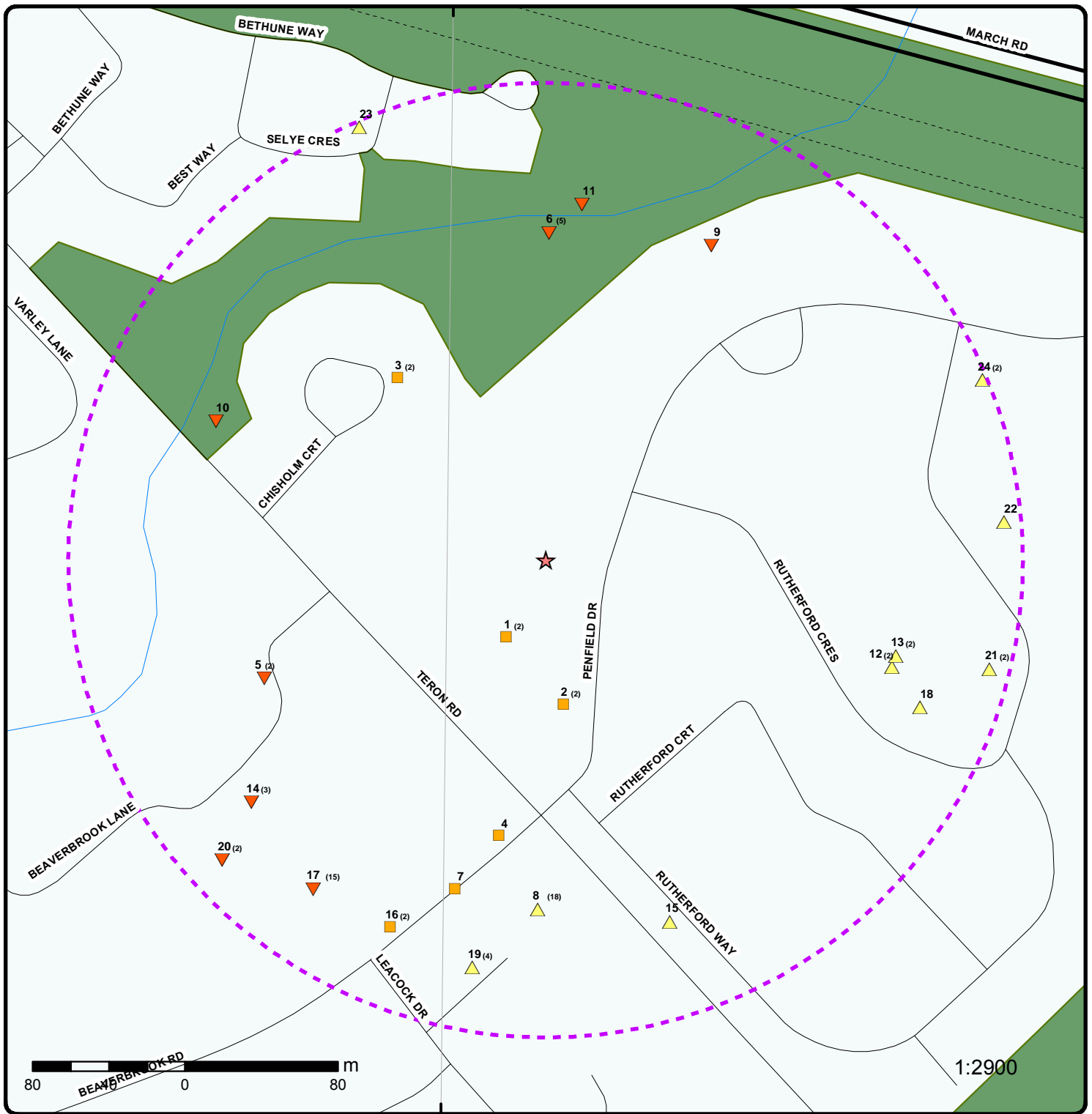
### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

| <u>Equal/Higher Elevation</u> | <u>Address</u>                       | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------------------------|--------------------------------------|------------------|---------------------|---------------------------|
|                               | OTTAWA ON<br><i>Well ID: 7101180</i> | S                | 75.77               | <a href="#"><u>2</u></a>  |
|                               | OTTAWA ON<br><i>Well ID: 7040548</i> | S                | 75.77               | <a href="#"><u>2</u></a>  |
|                               | KANATA ON<br><i>Well ID: 7174570</i> | S                | 146.24              | <a href="#"><u>4</u></a>  |
|                               | KANATA ON<br><i>Well ID: 7292926</i> | ESE              | 189.99              | <a href="#"><u>12</u></a> |
|                               | KANATA ON<br><i>Well ID: 7286298</i> | ESE              | 189.99              | <a href="#"><u>12</u></a> |

| <u>Equal/Higher Elevation</u> | <u>Address</u>                               | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------------------------|--|------------------|---------------------|--------------------|
|                               | KANATA ON<br><i>Well ID: 7292927</i>         | ESE              | 190.23              | <a href="#">13</a> |
|                               | KANATA ON<br><i>Well ID: 7286297</i>         | ESE              | 190.23              | <a href="#">13</a> |
|                               | KANATA ON<br><i>Well ID: 7292925</i>         | ESE              | 239.42              | <a href="#">21</a> |
|                               | KANATA ON<br><i>Well ID: 7286296</i>         | ESE              | 239.42              | <a href="#">21</a> |
|                               | lot 4 con 4<br>ON<br><i>Well ID: 1528608</i> | E                | 240.91              | <a href="#">22</a> |

| <u>Lower Elevation</u> | <u>Address</u>                | <u>Direction</u> | <u>Distance (m)</u> | <u>Map Key</u>     |
|------------------------|-------------------------------|------------------|---------------------|--------------------|
|                        | ON<br><i>Well ID: 7311685</i> | WNW              | 187.25              | <a href="#">10</a> |



### Map : 0.25 Kilometer Radius

Order No: 20190807047

Address: 251 Penfield Drive, Kanata, ON, K2K 1M7



|                      |                                   |                                |
|----------------------|-----------------------------------|--------------------------------|
| Expressway           | Industrial and Resource - Regions | National Park                  |
| Principal Highway    | Main Line                         | Provincial or Territorial Park |
| Secondary Highway    | Sidetrack                         | Other Park                     |
| Major Road           | Transit Line                      | Golf Course or Driving Range   |
| Local road           | Abandoned Line                    | Park or Sports Field           |
| Trail                |                                   | Other Recreation Area          |
| Proposed Road        |                                   |                                |
| Ferry Route/Ice Road |                                   |                                |





250 125 0 250 m

1:10000  
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Aerial (2017)

Address: 251 Penfield Drive, Kanata, ON, K2K 1M7

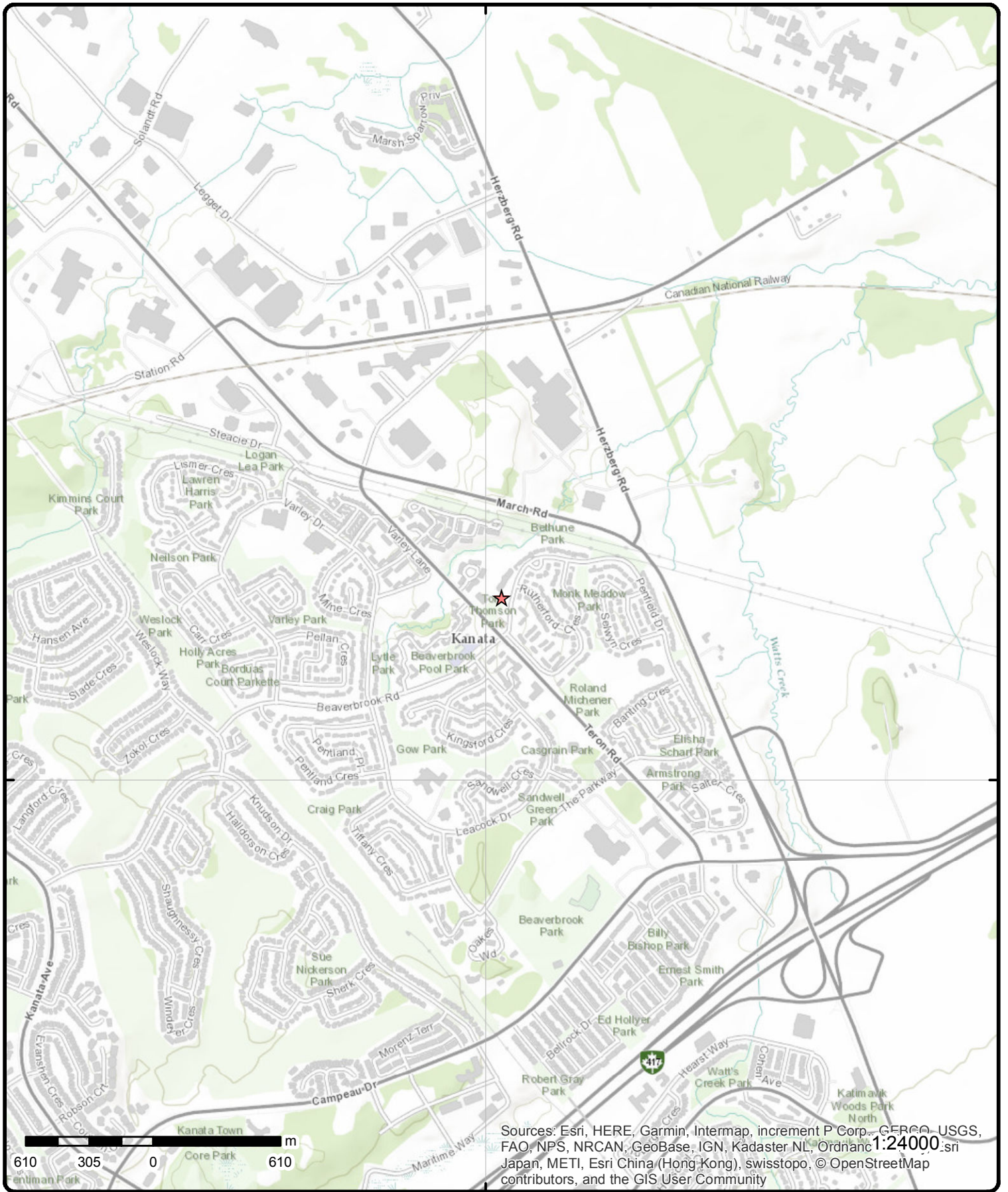
Source: ESRI World Imagery

Order No: 20190807047



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# Topographic Map

Address: 251 Penfield Drive, Kanata, ON, K2K 1M7

Source: ESRI World Topographic Map

Order No: 20190807047



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# Detail Report

| Map Key   | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site   | DB   |
|---|-------------------|---|------------------|--|------|
| <a href="#"><u>1</u></a>  | 1 of 2            | SSW/44.8  | 90.9 / 0.00      | City of Ottawa<br>1021 Teron Road<br>Kanata ON K2K 1R2                   | GEN  |
| <b>Generator No:</b> ON5527879<br><b>Status:</b><br><b>Approval Years:</b> 06<br><b>Contam. Facility:</b><br><b>MHSW Facility:</b><br><b>SIC Code:</b> 913910<br><b>SIC Description:</b> Other Local Municipal and Regional Public Administ   |                   | <b>PO Box No:</b><br><b>Country:</b><br><b>Choice of Contact:</b><br><b>Co Admin:</b><br><b>Phone No Admin:</b>   |                  |  |      |
| <b><u>Detail(s)</u></b>   |                   |   |                  |  |      |
| <b>Waste Class:</b> 221   |                   | <b>Waste Class Desc:</b> LIGHT FUELS  |                  |  |      |
| <a href="#"><u>1</u></a>  | 2 of 2            | SSW/44.8  | 90.9 / 0.00      | City of Ottawa<br>1021 Teron Rd FIRESTATION #42<UNOFFICIAL><br>Ottawa ON | SPL  |
| <b>Ref No:</b> 1565-6SXPWY<br><b>Site No:</b><br><b>Incident Dt:</b> 8/23/2006<br><b>Year:</b><br><b>Incident Cause:</b> Tank (Underground) Leak<br><b>Incident Event:</b><br><b>Contaminant Code:</b> 13<br><b>Contaminant Name:</b> not specified<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Environment Impact:</b> Not Anticipated<br><b>Nature of Impact:</b> Groundwater Pollution; Soil Contamination<br><b>Receiving Medium:</b> Land & Water<br><b>Receiving Env:</b><br><b>MOE Response:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 8/23/2006<br><b>Dt Document Closed:</b><br><b>Incident Reason:</b> Corrosion - All forms of internal/external corrosion<br><b>Site Name:</b> 1021 TERON RD<br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Incident Summary:</b> Ottawa: decommissioned UST leaking<br><b>Contaminant Qty:</b> not specified not specified |                   | <b>Discharger Report:</b><br><b>Material Group:</b> Oils<br><b>Health/Env Conseq:</b><br><b>Client Type:</b><br><b>Sector Type:</b> Unknown<br><b>Agency Involved:</b><br><b>Nearest Watercourse:</b><br><b>Site Address:</b> 1021 TERON RD<br><b>Site District Office:</b> Ottawa<br><b>Site Postal Code:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>SAC Action Class:</b><br><b>Source Type:</b> |                  |  |      |
| <a href="#"><u>2</u></a>  | 1 of 2            | S/75.8  | 90.9 / 0.00      | OTTAWA ON  | WWIS |
| <b>Well ID:</b> 7040548<br><b>Construction Date:</b>  |                   | <b>Data Entry Status:</b><br><b>Data Src:</b>   |                  |  |      |



| Map Key                              | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                    | DB                          |
|--------------------------------------|-------------------|----------------------------|------------------|-------------------------|-----------------------------|
| <b>Primary Water Use:</b>            |                   |                            |                  | <b>Date Received:</b>   | 2/5/2007                    |
| <b>Sec. Water Use:</b>               |                   |                            |                  | <b>Selected Flag:</b>   | Yes                         |
| <b>Final Well Status:</b>            | Observation Wells |                            |                  | <b>Abandonment Rec:</b> |                             |
| <b>Water Type:</b>                   |                   |                            |                  | <b>Contractor:</b>      | 1844                        |
| <b>Casing Material:</b>              |                   |                            |                  | <b>Form Version:</b>    | 3                           |
| <b>Audit No:</b>                     | Z58303            |                            |                  | <b>Owner:</b>           |                             |
| <b>Tag:</b>                          | A051273           |                            |                  | <b>Street Name:</b>     | 1021 TERON ROAD             |
| <b>Construction Method:</b>          |                   |                            |                  | <b>County:</b>          | OTTAWA-CARLETON             |
| <b>Elevation (m):</b>                |                   |                            |                  | <b>Municipality:</b>    | OTTAWA CITY                 |
| <b>Elevation Reliability:</b>        |                   |                            |                  | <b>Site Info:</b>       |                             |
| <b>Depth to Bedrock:</b>             |                   |                            |                  | <b>Lot:</b>             |                             |
| <b>Well Depth:</b>                   |                   |                            |                  | <b>Concession:</b>      |                             |
| <b>Overburden/Bedrock:</b>           |                   |                            |                  | <b>Concession Name:</b> |                             |
| <b>Pump Rate:</b>                    |                   |                            |                  | <b>Easting NAD83:</b>   |                             |
| <b>Static Water Level:</b>           |                   |                            |                  | <b>Northing NAD83:</b>  |                             |
| <b>Flowing (Y/N):</b>                |                   |                            |                  | <b>Zone:</b>            |                             |
| <b>Flow Rate:</b>                    |                   |                            |                  | <b>UTM Reliability:</b> |                             |
| <b>Clear/Cloudy:</b>                 |                   |                            |                  |                         |                             |
| <b><u>Bore Hole Information</u></b>  |                   |                            |                  |                         |                             |
| <b>Bore Hole ID:</b>                 | 11763042          |                            |                  | <b>Elevation:</b>       | 89.19281                    |
| <b>DP2BR:</b>                        |                   |                            |                  | <b>Elevrc:</b>          |                             |
| <b>Spatial Status:</b>               |                   |                            |                  | <b>Zone:</b>            | 18                          |
| <b>Code OB:</b>                      | o                 |                            |                  | <b>East83:</b>          | 429537                      |
| <b>Code OB Desc:</b>                 | Overburden        |                            |                  | <b>North83:</b>         | 5019983                     |
| <b>Open Hole:</b>                    |                   |                            |                  | <b>Org CS:</b>          | UTM83                       |
| <b>Cluster Kind:</b>                 |                   |                            |                  | <b>UTMRC:</b>           | 3                           |
| <b>Date Completed:</b>               | 12/14/2006        |                            |                  | <b>UTMRC Desc:</b>      | margin of error : 10 - 30 m |
| <b>Remarks:</b>                      |                   |                            |                  | <b>Location Method:</b> | wwr                         |
| <b>Elevrc Desc:</b>                  |                   |                            |                  |                         |                             |
| <b>Location Source Date:</b>         |                   |                            |                  |                         |                             |
| <b>Improvement Location Source:</b>  |                   |                            |                  |                         |                             |
| <b>Improvement Location Method:</b>  |                   |                            |                  |                         |                             |
| <b>Source Revision Comment:</b>      |                   |                            |                  |                         |                             |
| <b>Supplier Comment:</b>             |                   |                            |                  |                         |                             |
| <b><u>Overburden and Bedrock</u></b> |                   |                            |                  |                         |                             |
| <b><u>Materials Interval</u></b>     |                   |                            |                  |                         |                             |
| <b>Formation ID:</b>                 | 933091208         |                            |                  |                         |                             |
| <b>Layer:</b>                        | 3                 |                            |                  |                         |                             |
| <b>Color:</b>                        | 6                 |                            |                  |                         |                             |
| <b>General Color:</b>                | BROWN             |                            |                  |                         |                             |
| <b>Mat1:</b>                         | 05                |                            |                  |                         |                             |
| <b>Most Common Material:</b>         | CLAY              |                            |                  |                         |                             |
| <b>Mat2:</b>                         | 91                |                            |                  |                         |                             |
| <b>Other Materials:</b>              | WATER-BEARING     |                            |                  |                         |                             |
| <b>Mat3:</b>                         |                   |                            |                  |                         |                             |
| <b>Other Materials:</b>              |                   |                            |                  |                         |                             |
| <b>Formation Top Depth:</b>          | 1                 |                            |                  |                         |                             |
| <b>Formation End Depth:</b>          | 4.9               |                            |                  |                         |                             |
| <b>Formation End Depth UOM:</b>      | m                 |                            |                  |                         |                             |
| <b><u>Overburden and Bedrock</u></b> |                   |                            |                  |                         |                             |
| <b><u>Materials Interval</u></b>     |                   |                            |                  |                         |                             |
| <b>Formation ID:</b>                 | 933091207         |                            |                  |                         |                             |
| <b>Layer:</b>                        | 2                 |                            |                  |                         |                             |
| <b>Color:</b>                        | 6                 |                            |                  |                         |                             |
| <b>General Color:</b>                | BROWN             |                            |                  |                         |                             |
| <b>Mat1:</b>                         | 28                |                            |                  |                         |                             |
| <b>Most Common Material:</b>         | SAND              |                            |                  |                         |                             |

| <b>Map Key</b>  | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Mat2:</b>  |                          | 01                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | FILL                               |                          |             |           |
| <b>Mat3:</b>  |                          | 11                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | GRAVEL                             |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 0.5                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 1                                  |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | m                                  |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 933091206                          |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Color:</b>   |                          | 6                                  |                          |             |           |
| <b>General Color:</b>                                       |                          | BROWN                              |                          |             |           |
| <b>Mat1:</b>  |                          | 02                                 |                          |             |           |
| <b>Most Common Material:</b>                                |                          | TOPSOIL                            |                          |             |           |
| <b>Mat2:</b>  |                          | 91                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | WATER-BEARING                      |                          |             |           |
| <b>Mat3:</b>  |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                                     |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 0                                  |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 0.5                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          | 933313580                          |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>   |                          | 0                                  |                          |             |           |
| <b>Plug To:</b>   |                          | 1                                  |                          |             |           |
| <b>Plug Depth UOM:</b>                                      |                          | m                                  |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                          |                                    |                          |             |           |
| <b>Method Construction Code:</b>                            |                          | B                                  |                          |             |           |
| <b>Method Construction:</b>                                 |                          | Other Method                       |                          |             |           |
| <b>Other Method Construction:</b>                           |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                              |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>   |                          | 11770732                           |                          |             |           |
| <b>Casing No:</b>   |                          | 1                                  |                          |             |           |
| <b>Comment:</b>   |                          |                                    |                          |             |           |
| <b>Alt Name:</b>  |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>   |                          | 930895560                          |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Material:</b>  |                          | 5                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                          | PLASTIC                            |                          |             |           |
| <b>Depth From:</b>  |                          | 0                                  |                          |             |           |
| <b>Depth To:</b>  |                          | 1                                  |                          |             |           |
| <b>Casing Diameter:</b>                                     |                          | 51                                 |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                          | cm                                 |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                          | m                                  |                          |             |           |

| Map Key                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| <b><u>Construction Record - Screen</u></b> |                   |                            |                  |      |    |
| Screen ID:                                 |                   | 933423046                  |                  |      |    |
| Layer:                                     |                   | 1                          |                  |      |    |
| Slot:                                      |                   | 10                         |                  |      |    |
| Screen Top Depth:                          |                   | 1                          |                  |      |    |
| Screen End Depth:                          |                   | 4.9                        |                  |      |    |
| Screen Material:                           |                   | 5                          |                  |      |    |
| Screen Depth UOM:                          |                   | m                          |                  |      |    |
| Screen Diameter UOM:                       |                   | cm                         |                  |      |    |
| Screen Diameter:                           |                   | 58                         |                  |      |    |
| <b><u>Hole Diameter</u></b>                |                   |                            |                  |      |    |
| Hole ID:                                   |                   | 11849108                   |                  |      |    |
| Diameter:                                  |                   | 20                         |                  |      |    |
| Depth From:                                |                   | 0                          |                  |      |    |
| Depth To:                                  |                   | 4.9                        |                  |      |    |
| Hole Depth UOM:                            |                   | m                          |                  |      |    |
| Hole Diameter UOM:                         |                   | cm                         |                  |      |    |

|                        |                 |        |             |                    |                 |
|------------------------|-----------------|--------|-------------|--------------------|-----------------|
| <a href="#">2</a>      | 2 of 2          | S/75.8 | 90.9 / 0.00 | OTTAWA ON          | WWIS            |
| Well ID:               | 7101180         |        |             | Data Entry Status: |                 |
| Construction Date:     |                 |        |             | Data Src:          |                 |
| Primary Water Use:     |                 |        |             | Date Received:     | 10/19/2007      |
| Sec. Water Use:        |                 |        |             | Selected Flag:     | Yes             |
| Final Well Status:     | Abandoned-Other |        |             | Abandonment Rec:   | Yes             |
| Water Type:            |                 |        |             | Contractor:        | 1844            |
| Casing Material:       |                 |        |             | Form Version:      | 5               |
| Audit No:              | M00528          |        |             | Owner:             |                 |
| Tag:                   | A051273         |        |             | Street Name:       | 1021 TERON RD   |
| Construction Method:   |                 |        |             | County:            | OTTAWA-CARLETON |
| Elevation (m):         |                 |        |             | Municipality:      | MARCH TOWNSHIP  |
| Elevation Reliability: |                 |        |             | Site Info:         |                 |
| Depth to Bedrock:      |                 |        |             | Lot:               |                 |
| Well Depth:            |                 |        |             | Concession:        |                 |
| Overburden/Bedrock:    |                 |        |             | Concession Name:   |                 |
| Pump Rate:             |                 |        |             | Easting NAD83:     |                 |
| Static Water Level:    |                 |        |             | Northing NAD83:    |                 |
| Flowing (Y/N):         |                 |        |             | Zone:              |                 |
| Flow Rate:             |                 |        |             | UTM Reliability:   |                 |
| Clear/Cloudy:          |                 |        |             |                    |                 |

|                                     |   |  |  |                  |                             |
|-------------------------------------|---|--|--|------------------|-----------------------------|
| <b><u>Bore Hole Information</u></b> |   |  |  |                  |                             |
| Bore Hole ID:                       | 1002529227                              |  |  | Elevation:       | 88.953445                   |
| DP2BR:                              |   |  |  | Elevrc:          |                             |
| Spatial Status:                     |   |  |  | Zone:            | 18                          |
| Code OB:                            |   |  |  | East83:          | 429534                      |
| Code OB Desc:                       |   |  |  | North83:         | 5019995                     |
| Open Hole:                          |   |  |  | Org CS:          | UTM83                       |
| Cluster Kind:                       | This is a record from cluster log sheet |  |  | UTMRC:           | 3                           |
| Date Completed:                     | 9/6/2007                                |  |  | UTMRC Desc:      | margin of error : 10 - 30 m |
| Remarks:                            |   |  |  | Location Method: | wwr                         |
| Elevrc Desc:                        |   |  |  |                  |                             |
| Location Source Date:               |   |  |  |                  |                             |
| Improvement Location Source:        |   |  |  |                  |                             |
| Improvement Location Method:        |   |  |  |                  |                             |
| Source Revision Comment:            |   |  |  |                  |                             |
| Supplier Comment:                   |   |  |  |                  |                             |

| Map Key  | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site             | DB                          |
|--|-------------------|-------------------------|---------------|------------------|-----------------------------|
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |                         |               |                  |                             |
| Plug ID:   |                   | 1002529231              |               |                  |                             |
| Layer:   |                   |                         |               |                  |                             |
| Plug From:   |                   |                         |               |                  |                             |
| Plug To:   |                   |                         |               |                  |                             |
| Plug Depth UOM:  |                   |                         |               |                  |                             |
| <b><u>Hole Diameter</u></b>                            |                   |                         |               |                  |                             |
| Hole ID:   |                   | 1002529229              |               |                  |                             |
| Diameter:  |                   | 20                      |               |                  |                             |
| Depth From:  |                   |                         |               |                  |                             |
| Depth To:  |                   | 4.9                     |               |                  |                             |
| Hole Depth UOM:  |                   | m                       |               |                  |                             |
| Hole Diameter UOM:                                     |                   | cm                      |               |                  |                             |
| <b><u>Bore Hole Information</u></b>                    |                   |                         |               |                  |                             |
| Bore Hole ID:  | 1001480703        |                         |               | Elevation:       | 89.19281                    |
| DP2BR:   |                   |                         |               | Elevrc:          |                             |
| Spatial Status:  |                   |                         |               | Zone:            | 18                          |
| Code OB:   |                   |                         |               | East83:          | 429537                      |
| Code OB Desc:  |                   |                         |               | North83:         | 5019983                     |
| Open Hole:   | N                 |                         |               | Org CS:          | UTM83                       |
| Cluster Kind:  |                   |                         |               | UTMRC:           | 3                           |
| Date Completed:  | 9/6/2007          |                         |               | UTMRC Desc:      | margin of error : 10 - 30 m |
| Remarks:   |                   |                         |               | Location Method: | wwr                         |
| Elevrc Desc:   |                   |                         |               |                  |                             |
| Location Source Date:                                  |                   |                         |               |                  |                             |
| Improvement Location Source:                           |                   |                         |               |                  |                             |
| Improvement Location Method:                           |                   |                         |               |                  |                             |
| Source Revision Comment:                               |                   |                         |               |                  |                             |
| Supplier Comment:                                      |                   |                         |               |                  |                             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |                         |               |                  |                             |
| Plug ID:   |                   | 1002529234              |               |                  |                             |
| Layer:   |                   | 1                       |               |                  |                             |
| Plug From:   |                   | 0                       |               |                  |                             |
| Plug To:   |                   | 4.9                     |               |                  |                             |
| Plug Depth UOM:  |                   | m                       |               |                  |                             |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                   |                         |               |                  |                             |
| Method Construction ID:                                |                   |                         |               |                  |                             |
| Method Construction Code:                              |                   | E                       |               |                  |                             |
| Method Construction:                                   |                   | Auger                   |               |                  |                             |
| Other Method Construction:                             |                   |                         |               |                  |                             |
| <b><u>Pipe Information</u></b>                         |                   |                         |               |                  |                             |
| Pipe ID:   |                   | 1002529232              |               |                  |                             |
| Casing No:   |                   | 0                       |               |                  |                             |
| Comment:   |                   |                         |               |                  |                             |
| Alt Name:  |                   |                         |               |                  |                             |

| <b>Map Key</b>   | <b>Number of Records</b>                | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b>             | <b>DB</b>                   |
|--|---|------------------------------------|--------------------------|-------------------------|-----------------------------|
| <b><u>Construction Record - Casing</u></b>             |   |                                    |                          |                         |                             |
| <b>Casing ID:</b>                                      |   |                                    | 1002529235               |                         |                             |
| <b>Layer:</b>  |   |                                    | 1                        |                         |                             |
| <b>Material:</b>                                       |   |                                    |                          |                         |                             |
| <b>Open Hole or Material:</b>                          |   |                                    |                          |                         |                             |
| <b>Depth From:</b>                                     |   |                                    |                          |                         |                             |
| <b>Depth To:</b>                                       |   |                                    |                          |                         |                             |
| <b>Casing Diameter:</b>                                |   |                                    | 51                       |                         |                             |
| <b>Casing Diameter UOM:</b>                            |   |                                    | cm                       |                         |                             |
| <b>Casing Depth UOM:</b>                               |   |                                    | m                        |                         |                             |
| <b><u>Construction Record - Screen</u></b>             |   |                                    |                          |                         |                             |
| <b>Screen ID:</b>                                      |   |                                    | 1002529236               |                         |                             |
| <b>Layer:</b>  |   |                                    | 1                        |                         |                             |
| <b>Slot:</b>   |   |                                    |                          |                         |                             |
| <b>Screen Top Depth:</b>                               |   |                                    |                          |                         |                             |
| <b>Screen End Depth:</b>                               |   |                                    |                          |                         |                             |
| <b>Screen Material:</b>                                |   |                                    |                          |                         |                             |
| <b>Screen Depth UOM:</b>                               |   |                                    | m                        |                         |                             |
| <b>Screen Diameter UOM:</b>                            |   |                                    | cm                       |                         |                             |
| <b>Screen Diameter:</b>                                |   |                                    | 58                       |                         |                             |
| <b><u>Hole Diameter</u></b>                            |   |                                    |                          |                         |                             |
| <b>Hole ID:</b>  |   |                                    | 1002529233               |                         |                             |
| <b>Diameter:</b>                                       |   |                                    | 20                       |                         |                             |
| <b>Depth From:</b>                                     |   |                                    | 0                        |                         |                             |
| <b>Depth To:</b>                                       |   |                                    | 4.9                      |                         |                             |
| <b>Hole Depth UOM:</b>                                 |   |                                    | m                        |                         |                             |
| <b>Hole Diameter UOM:</b>                              |   |                                    | cm                       |                         |                             |
| <b><u>Bore Hole Information</u></b>                    |   |                                    |                          |                         |                             |
| <b>Bore Hole ID:</b>                                   | 1002529222                              |                                    |                          | <b>Elevation:</b>       | 88.928489                   |
| <b>DP2BR:</b>  |   |                                    |                          | <b>Elevrc:</b>          |                             |
| <b>Spatial Status:</b>                                 |   |                                    |                          | <b>Zone:</b>            | 18                          |
| <b>Code OB:</b>  |   |                                    |                          | <b>East83:</b>          | 429530                      |
| <b>Code OB Desc:</b>                                   |   |                                    |                          | <b>North83:</b>         | 5019992                     |
| <b>Open Hole:</b>                                      |   |                                    |                          | <b>Org CS:</b>          | UTM83                       |
| <b>Cluster Kind:</b>                                   | This is a record from cluster log sheet |                                    |                          | <b>UTMRC:</b>           | 3                           |
| <b>Date Completed:</b>                                 | 9/6/2007                                |                                    |                          | <b>UTMRC Desc:</b>      | margin of error : 10 - 30 m |
| <b>Remarks:</b>  |   |                                    |                          | <b>Location Method:</b> | wwr                         |
| <b>Elevrc Desc:</b>                                    |   |                                    |                          |                         |                             |
| <b>Location Source Date:</b>                           |   |                                    |                          |                         |                             |
| <b>Improvement Location Source:</b>                    |   |                                    |                          |                         |                             |
| <b>Improvement Location Method:</b>                    |   |                                    |                          |                         |                             |
| <b>Source Revision Comment:</b>                        |   |                                    |                          |                         |                             |
| <b>Supplier Comment:</b>                               |   |                                    |                          |                         |                             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |   |                                    |                          |                         |                             |
| <b>Plug ID:</b>  |   |                                    | 1002529226               |                         |                             |
| <b>Layer:</b>  |   |                                    |                          |                         |                             |
| <b>Plug From:</b>                                      |   |                                    |                          |                         |                             |
| <b>Plug To:</b>  |   |                                    |                          |                         |                             |
| <b>Plug Depth UOM:</b>                                 |   |                                    |                          |                         |                             |
| <b><u>Hole Diameter</u></b>                            |   |                                    |                          |                         |                             |

| Map Key   | Number of Records | Direction/<br>Distance (m)   | Elev/Diff<br>(m) | Site  | DB   |
|---|-------------------|--|------------------|---|------|
| <b>Hole ID:</b><br><b>Diameter:</b><br><b>Depth From:</b><br><b>Depth To:</b><br><b>Hole Depth UOM:</b><br><b>Hole Diameter UOM:</b>  |                   | 1002529224<br>20<br>4.9<br>m<br>cm   |                  |   |      |
| <a href="#">3</a>   | 1 of 2            | NW/123.3   | 90.9 / 0.00      | 35 CHISHOLM COURT, OTTAWA ON  | PINC |
| <b>Incident ID:</b><br><b>Incident No:</b><br><b>Type:</b><br><b>Status Code:</b><br><b>Fuel Occurrence Tp:</b><br><b>Fuel Type:</b><br><b>Tank Status:</b><br><b>Task No:</b><br><b>Spills Action Centre:</b><br><b>Method Details:</b><br><b>Fuel Category:</b><br><b>Date of Occurrence:</b><br><b>Occurrence Start Date:</b><br><b>Operation Type:</b><br><b>Pipeline Type:</b><br><b>Regulator Type:</b><br><b>Summary:</b><br><b>Reported By:</b><br><b>Affiliation:</b><br><b>Occurrence Desc:</b><br><b>Damage Reason:</b><br><b>Notes:</b> |                   | 1979544<br>FS-Pipeline Incident<br>Pipeline Damage Reason Est<br>RC Established<br>6443716<br>E-mail<br>Natural Gas<br>2017/01/03<br>35 CHISHOLM COURT, OTTAWA - PIPELINE HIT - 1/2"<br>Ryan Noble - ENBRIDGE<br>Excavation practices not sufficient |                  | <b>Health Impact:</b><br><b>Environment Impact:</b><br><b>Property Damage:</b> Yes<br><b>Service Interrupt:</b><br><b>Enforce Policy:</b> Yes<br><b>Public Relation:</b><br><b>Pipeline System:</b><br><b>Depth:</b><br><b>Pipe Material:</b><br><b>PSIG:</b><br><b>Attribute Category:</b> FS-Perform P-line Inc Invest<br><b>Regulator Location:</b>  |      |
| <a href="#">3</a>   | 2 of 2            | NW/123.3   | 90.9 / 0.00      | Enbridge Gas Distribution Inc.<br>35 Chisholm Crt<br>Ottawa ON  | SPL  |
| <b>Ref No:</b><br><b>Site No:</b><br><b>Incident Dt:</b><br><b>Year:</b><br><b>Incident Cause:</b><br><b>Incident Event:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Environment Impact:</b><br><b>Nature of Impact:</b><br><b>Receiving Medium:</b><br><b>Receiving Env:</b><br><b>MOE Response:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b><br><b>Dt Document Closed:</b>                                     |                   | 7355-AFTNNL<br>NA<br>2016/11/18<br>Leak/Break<br>35<br>NATURAL GAS (METHANE)<br>No<br>No<br>2016/11/18<br>2016/12/17   |                  | <b>Discharger Report:</b><br><b>Material Group:</b><br><b>Health/Env Conseq:</b><br><b>Client Type:</b><br><b>Sector Type:</b> Miscellaneous Communal<br><b>Agency Involved:</b><br><b>Nearest Watercourse:</b><br><b>Site Address:</b> 35 Chisholm Crt<br><b>Site District Office:</b><br><b>Site Postal Code:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Northing:</b> 5020121<br><b>Easting:</b> 429417<br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill |      |
| <b>Incident Reason:</b><br><b>Site Name:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Incident Summary:</b>   |                   | Operator/Human Error<br>Half Inch Line Strike<UNOFFICIAL><br>TSSA/FSB: Enbridge - .5" Line Strike - Made Safe  |                  | <b>Source Type:</b>   |      |

| Map Key          | Number of Records | Direction/<br>Distance (m)         | Elev/Diff<br>(m) | Site | DB |
|------------------|-------------------|------------------------------------|------------------|------|----|
| Contaminant Qty: |                   | 0 other - see incident description |                  |      |    |

| <u>4</u>                      | 1 of 1            | S/146.2 | 90.9 / 0.00 | KANATA ON                 | WWIS                 |
|-------------------------------|-------------------|---------|-------------|---------------------------|----------------------|
| <b>Well ID:</b>               | 7174570           |         |             | <b>Data Entry Status:</b> |                      |
| <b>Construction Date:</b>     |                   |         |             | <b>Data Src:</b>          |                      |
| <b>Primary Water Use:</b>     | Test Hole         |         |             | <b>Date Received:</b>     | 1/9/2012             |
| <b>Sec. Water Use:</b>        |                   |         |             | <b>Selected Flag:</b>     | Yes                  |
| <b>Final Well Status:</b>     | Observation Wells |         |             | <b>Abandonment Rec:</b>   |                      |
| <b>Water Type:</b>            |                   |         |             | <b>Contractor:</b>        | 6964                 |
| <b>Casing Material:</b>       |                   |         |             | <b>Form Version:</b>      | 7                    |
| <b>Audit No:</b>              | Z134646           |         |             | <b>Owner:</b>             |                      |
| <b>Tag:</b>                   | A108241           |         |             | <b>Street Name:</b>       | BEAVER BROOK LEACOCK |
| <b>Construction Method:</b>   |                   |         |             | <b>County:</b>            | OTTAWA-CARLETON      |
| <b>Elevation (m):</b>         |                   |         |             | <b>Municipality:</b>      | MARCH TOWNSHIP       |
| <b>Elevation Reliability:</b> |                   |         |             | <b>Site Info:</b>         |                      |
| <b>Depth to Bedrock:</b>      |                   |         |             | <b>Lot:</b>               |                      |
| <b>Well Depth:</b>            |                   |         |             | <b>Concession:</b>        |                      |
| <b>Overburden/Bedrock:</b>    |                   |         |             | <b>Concession Name:</b>   |                      |
| <b>Pump Rate:</b>             |                   |         |             | <b>Easting NAD83:</b>     |                      |
| <b>Static Water Level:</b>    |                   |         |             | <b>Northing NAD83:</b>    |                      |
| <b>Flowing (Y/N):</b>         |                   |         |             | <b>Zone:</b>              |                      |
| <b>Flow Rate:</b>             |                   |         |             | <b>UTM Reliability:</b>   |                      |
| <b>Clear/Cloudy:</b>          |                   |         |             |                           |                      |

**Bore Hole Information**

|                                     |            |                         |                                |
|-------------------------------------|------------|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 1003630424 | <b>Elevation:</b>       | 90.103935                      |
| <b>DP2BR:</b>                       |            | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |            | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |            | <b>East83:</b>          | 429503                         |
| <b>Code OB Desc:</b>                |            | <b>North83:</b>         | 5019914                        |
| <b>Open Hole:</b>                   |            | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |            | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 5/20/2011  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |            | <b>Location Method:</b> | wwr                            |
| <b>Elevrc Desc:</b>                 |            |                         |                                |
| <b>Location Source Date:</b>        |            |                         |                                |
| <b>Improvement Location Source:</b> |            |                         |                                |
| <b>Improvement Location Method:</b> |            |                         |                                |
| <b>Source Revision Comment:</b>     |            |                         |                                |
| <b>Supplier Comment:</b>            |            |                         |                                |

**Overburden and Bedrock**

**Materials Interval**

|                                 |            |
|---------------------------------|------------|
| <b>Formation ID:</b>            | 1004045830 |
| <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>Other Materials:</b>         | SILTY      |
| <b>Mat3:</b>                    |            |
| <b>Other Materials:</b>         |            |
| <b>Formation Top Depth:</b>     | 1.63       |
| <b>Formation End Depth:</b>     | 5.18       |
| <b>Formation End Depth UOM:</b> | m          |



| <b>Map Key</b>  | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          |                                    | 1004045828               |             |           |
| <b>Layer:</b>   |                          |                                    | 1                        |             |           |
| <b>Color:</b>   |                          |                                    | 6                        |             |           |
| <b>General Color:</b>                                       |                          |                                    | BROWN                    |             |           |
| <b>Mat1:</b>  |                          |                                    | 11                       |             |           |
| <b>Most Common Material:</b>                                |                          |                                    | GRAVEL                   |             |           |
| <b>Mat2:</b>  |                          |                                    | 28                       |             |           |
| <b>Other Materials:</b>                                     |                          |                                    | SAND                     |             |           |
| <b>Mat3:</b>  |                          |                                    | 84                       |             |           |
| <b>Other Materials:</b>                                     |                          |                                    | SILTY                    |             |           |
| <b>Formation Top Depth:</b>                                 |                          |                                    | 0                        |             |           |
| <b>Formation End Depth:</b>                                 |                          |                                    | 0.25                     |             |           |
| <b>Formation End Depth UOM:</b>                             |                          |                                    | m                        |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          |                                    | 1004045829               |             |           |
| <b>Layer:</b>   |                          |                                    | 2                        |             |           |
| <b>Color:</b>   |                          |                                    | 6                        |             |           |
| <b>General Color:</b>                                       |                          |                                    | BROWN                    |             |           |
| <b>Mat1:</b>  |                          |                                    | 11                       |             |           |
| <b>Most Common Material:</b>                                |                          |                                    | GRAVEL                   |             |           |
| <b>Mat2:</b>  |                          |                                    | 05                       |             |           |
| <b>Other Materials:</b>                                     |                          |                                    | CLAY                     |             |           |
| <b>Mat3:</b>  |                          |                                    | 84                       |             |           |
| <b>Other Materials:</b>                                     |                          |                                    | SILTY                    |             |           |
| <b>Formation Top Depth:</b>                                 |                          |                                    | 0.25                     |             |           |
| <b>Formation End Depth:</b>                                 |                          |                                    | 1.63                     |             |           |
| <b>Formation End Depth UOM:</b>                             |                          |                                    | m                        |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          |                                    | 1004045838               |             |           |
| <b>Layer:</b>   |                          |                                    | 2                        |             |           |
| <b>Plug From:</b>   |                          |                                    | 0.3                      |             |           |
| <b>Plug To:</b>   |                          |                                    | 1.22                     |             |           |
| <b>Plug Depth UOM:</b>                                      |                          |                                    | m                        |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          |                                    | 1004045837               |             |           |
| <b>Layer:</b>   |                          |                                    | 1                        |             |           |
| <b>Plug From:</b>   |                          |                                    | 0                        |             |           |
| <b>Plug To:</b>   |                          |                                    | 0.3                      |             |           |
| <b>Plug Depth UOM:</b>                                      |                          |                                    | m                        |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          |                                    | 1004045839               |             |           |
| <b>Layer:</b>   |                          |                                    | 3                        |             |           |
| <b>Plug From:</b>   |                          |                                    | 1.22                     |             |           |
| <b>Plug To:</b>   |                          |                                    | 4.65                     |             |           |
| <b>Plug Depth UOM:</b>                                      |                          |                                    | m                        |             |           |
| <b><u>Method of Construction &amp; Well</u></b>             |                          |                                    |                          |             |           |

| <b>Map Key</b>                             | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b><u>Use</u></b>                          |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>             |                          |                                    |                          |             |           |
| <b>Method Construction Code:</b>           |                          | 9                                  |                          |             |           |
| <b>Method Construction:</b>                |                          | Driving                            |                          |             |           |
| <b>Other Method Construction:</b>          |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>             |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>                            |                          | 1004045827                         |                          |             |           |
| <b>Casing No:</b>                          |                          | 0                                  |                          |             |           |
| <b>Comment:</b>                            |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                           |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b> |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                          |                          | 1004045833                         |                          |             |           |
| <b>Layer:</b>                              |                          | 1                                  |                          |             |           |
| <b>Material:</b>                           |                          | 5                                  |                          |             |           |
| <b>Open Hole or Material:</b>              |                          | PLASTIC                            |                          |             |           |
| <b>Depth From:</b>                         |                          | 0                                  |                          |             |           |
| <b>Depth To:</b>                           |                          | 1.55                               |                          |             |           |
| <b>Casing Diameter:</b>                    |                          | 3.5                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                |                          | cm                                 |                          |             |           |
| <b>Casing Depth UOM:</b>                   |                          | m                                  |                          |             |           |
| <b><u>Construction Record - Screen</u></b> |                          |                                    |                          |             |           |
| <b>Screen ID:</b>                          |                          | 1004045834                         |                          |             |           |
| <b>Layer:</b>                              |                          | 1                                  |                          |             |           |
| <b>Slot:</b>                               |                          | 10                                 |                          |             |           |
| <b>Screen Top Depth:</b>                   |                          | 1.55                               |                          |             |           |
| <b>Screen End Depth:</b>                   |                          | 4.65                               |                          |             |           |
| <b>Screen Material:</b>                    |                          | 5                                  |                          |             |           |
| <b>Screen Depth UOM:</b>                   |                          | m                                  |                          |             |           |
| <b>Screen Diameter UOM:</b>                |                          | cm                                 |                          |             |           |
| <b>Screen Diameter:</b>                    |                          | 4.1                                |                          |             |           |
| <b><u>Water Details</u></b>                |                          |                                    |                          |             |           |
| <b>Water ID:</b>                           |                          | 1004045832                         |                          |             |           |
| <b>Layer:</b>                              |                          | 1                                  |                          |             |           |
| <b>Kind Code:</b>                          |                          |                                    |                          |             |           |
| <b>Kind:</b>                               |                          |                                    |                          |             |           |
| <b>Water Found Depth:</b>                  |                          | 3.05                               |                          |             |           |
| <b>Water Found Depth UOM:</b>              |                          | m                                  |                          |             |           |
| <b><u>Hole Diameter</u></b>                |                          |                                    |                          |             |           |
| <b>Hole ID:</b>                            |                          | 1004045831                         |                          |             |           |
| <b>Diameter:</b>                           |                          | 5.6                                |                          |             |           |
| <b>Depth From:</b>                         |                          | 0                                  |                          |             |           |
| <b>Depth To:</b>                           |                          | 5.18                               |                          |             |           |
| <b>Hole Depth UOM:</b>                     |                          | m                                  |                          |             |           |
| <b>Hole Diameter UOM:</b>                  |                          | cm                                 |                          |             |           |

5

1 of 2

WSW/159.6

89.9 / -1.00

CAPREIT  
81 Beaverbrook Lane  
Ottawa ON K2K 1L7

GEN

Generator No: ON2846087

PO Box No:

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB         |
|---|-------------------|----------------------------|------------------|--|------------|
| <b>Status:</b><br><b>Approval Years:</b> 02,03,04<br><b>Contam. Facility:</b><br><b>MHSW Facility:</b><br><b>SIC Code:</b><br><b>SIC Description:</b>   |                   |                            |                  | <b>Country:</b><br><b>Choice of Contact:</b><br><b>Co Admin:</b><br><b>Phone No Admin:</b>   |            |
| <b><u>Detail(s)</u></b>   |                   |                            |                  |  |            |
| <b>Waste Class:</b> 221<br><b>Waste Class Desc:</b> LIGHT FUELS   |                   |                            |                  |  |            |
| <u>5</u>  | 2 of 2            | WSW/159.6                  | 89.9 / -1.00     | <b>PRIVATE OWNER</b><br><b>81 BEAVER BROOK LANE SAM ROSE - 613-271-0303 STORAGE TANK/BARREL</b><br><b>OTTAWA CITY ON</b>   | <b>SPL</b> |
| <b>Ref No:</b> 229081<br><b>Site No:</b><br><b>Incident Dt:</b><br><b>Year:</b><br><b>Incident Cause:</b> CONTAINER OVERFLOW<br><b>Incident Event:</b><br><b>Contaminant Code:</b><br><b>Contaminant Name:</b><br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Environment Impact:</b> POSSIBLE<br><b>Nature of Impact:</b> Soil contamination<br><b>Receiving Medium:</b> LAND<br><b>Receiving Env:</b><br><b>MOE Response:</b><br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 6/21/2002<br><b>Dt Document Closed:</b><br><b>Incident Reason:</b> OTHER<br><b>Site Name:</b><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Incident Summary:</b> CAPREIT: UKN AMT OF FURN-ACE OIL TO BACKYARD.OWNERCLEANED.<br><b>Contaminant Qty:</b> |                   |                            |                  | <b>Discharger Report:</b><br><b>Material Group:</b><br><b>Health/Env Conseq:</b><br><b>Client Type:</b><br><b>Sector Type:</b><br><b>Agency Involved:</b><br><b>Nearest Watercourse:</b><br><b>Site Address:</b><br><b>Site District Office:</b><br><b>Site Postal Code:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> 20107<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>SAC Action Class:</b><br><b>Source Type:</b> |            |
| <u>6</u>  | 1 of 5            | N/171.3                    | 84.8 / -6.08     | <b>G &amp; T CLEANERS INC.</b><br><b>O.B. KANATA CLEANERS 1029 TERON ROAD</b><br><b>KANATA ON K2K 1R2</b>  | <b>GEN</b> |
| <b>Generator No:</b> ON1385700<br><b>Status:</b><br><b>Approval Years:</b> 90<br><b>Contam. Facility:</b><br><b>MHSW Facility:</b><br><b>SIC Code:</b> 9721<br><b>SIC Description:</b> POWER LAUND./CLEANER   |                   |                            |                  |  |            |
| <b><u>Detail(s)</u></b>   |                   |                            |                  |  |            |
| <b>Waste Class:</b> 241<br><b>Waste Class Desc:</b> HALOGENATED SOLVENTS  |                   |                            |                  |  |            |

| Map Key                  | Number of Records     | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|--------------------------|-----------------------|----------------------------|------------------|--|-----|
| <u>6</u>                 | 2 of 5                | N/171.3                    | 84.8 / -6.08     | G & T CLEANERS INC./O/B KANATA CLEANERS<br>1029 TERON ROAD<br>KANATA ON K2K 1R2          | GEN |
| <b>Generator No:</b>     | ON1385700             |                            |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |                       |                            |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 92,93,97,98           |                            |                  | <b>Choice of Contact:</b>  |     |
| <b>Contam. Facility:</b> |                       |                            |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |                       |                            |                  | <b>Phone No Admin:</b>   |     |
| <b>SIC Code:</b>         | 9721                  |                            |                  |  |     |
| <b>SIC Description:</b>  | POWER LAUND./CLEANER  |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                       |                            |                  |  |     |
| <b>Waste Class:</b>      | 241                   |                            |                  |  |     |
| <b>Waste Class Desc:</b> | HALOGENATED SOLVENTS  |                            |                  |  |     |
| <u>6</u>                 | 3 of 5                | N/171.3                    | 84.8 / -6.08     | KANATA CLEANERS INC. 17-449<br>O.B. KANATA CLEANERS 1029 TERON ROAD<br>KANATA ON K2K 1R2 | GEN |
| <b>Generator No:</b>     | ON1385700             |                            |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |                       |                            |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 94,95,96              |                            |                  | <b>Choice of Contact:</b>  |     |
| <b>Contam. Facility:</b> |                       |                            |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |                       |                            |                  | <b>Phone No Admin:</b>   |     |
| <b>SIC Code:</b>         | 9721                  |                            |                  |  |     |
| <b>SIC Description:</b>  | POWER LAUND./CLEANER  |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                       |                            |                  |  |     |
| <b>Waste Class:</b>      | 241                   |                            |                  |  |     |
| <b>Waste Class Desc:</b> | HALOGENATED SOLVENTS  |                            |                  |  |     |
| <u>6</u>                 | 4 of 5                | N/171.3                    | 84.8 / -6.08     | KANATA CLEANERS INC.<br>1029 TERON ROAD<br>KANATA ON K2K 1R2                             | GEN |
| <b>Generator No:</b>     | ON1385700             |                            |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |                       |                            |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 99,00,01,02,03,04,05  |                            |                  | <b>Choice of Contact:</b>  |     |
| <b>Contam. Facility:</b> |                       |                            |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |                       |                            |                  | <b>Phone No Admin:</b>   |     |
| <b>SIC Code:</b>         | 9721                  |                            |                  |  |     |
| <b>SIC Description:</b>  | POWER LAUND./CLEANERS |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                       |                            |                  |  |     |
| <b>Waste Class:</b>      | 241                   |                            |                  |  |     |
| <b>Waste Class Desc:</b> | HALOGENATED SOLVENTS  |                            |                  |  |     |
| <u>6</u>                 | 5 of 5                | N/171.3                    | 84.8 / -6.08     | KANATA CLEANERS INC.<br>1029 TERON ROAD<br>KANATA ON K2K 1R2                             | GEN |
| <b>Generator No:</b>     | ON1385700             |                            |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |                       |                            |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 2009                  |                            |                  | <b>Choice of Contact:</b>  |     |
| <b>Contam. Facility:</b> |                       |                            |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |                       |                            |                  | <b>Phone No Admin:</b>   |     |
| <b>SIC Code:</b>         | 812320                |                            |                  |  |     |

| Map Key                         | Number of Records | Direction/<br>Distance (m)                               | Elev/Diff<br>(m) | Site  | DB  |
|---------------------------------|-------------------|--|------------------|---|-----|
| <b>SIC Description:</b>         |                   | Dry Cleaning and Laundry Services (except Coin-Operated) |                  |   |     |
| <b>Detail(s)</b>                |                   |  |                  |   |     |
| <b>Waste Class:</b>             |                   | 241  |                  |   |     |
| <b>Waste Class Desc:</b>        |                   | HALOGENATED SOLVENTS                                     |                  |   |     |
| <a href="#">7</a>               | 1 of 1            | SSW/178.4  | 90.9 / 0.00      | City of Ottawa<br>Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road<br>Ottawa ON | CA  |
| <b>Certificate #:</b>           |                   | 1674-8LRSGX  |                  |   |     |
| <b>Application Year:</b>        |                   | 2011   |                  |   |     |
| <b>Issue Date:</b>              |                   | 9/23/2011  |                  |   |     |
| <b>Approval Type:</b>           |                   | Municipal and Private Sewage Works                       |                  |   |     |
| <b>Status:</b>                  |                   | Approved   |                  |   |     |
| <b>Application Type:</b>        |                   |  |                  |   |     |
| <b>Client Name:</b>             |                   |  |                  |   |     |
| <b>Client Address:</b>          |                   |  |                  |   |     |
| <b>Client City:</b>             |                   |  |                  |   |     |
| <b>Client Postal Code:</b>      |                   |  |                  |   |     |
| <b>Project Description:</b>     |                   |  |                  |   |     |
| <b>Contaminants:</b>            |                   |  |                  |   |     |
| <b>Emission Control:</b>        |                   |  |                  |   |     |
| <a href="#">8</a>               | 1 of 18           | S/182.8  | 91.9 / 1.00      | 1 Beaverbrook Road<br>Kanata ON K2K 1L2   | EHS |
| <b>Order No:</b>                |                   | 20011109007  |                  | <b>Nearest Intersection:</b> Teron Road   |     |
| <b>Status:</b>                  |                   | C  |                  | <b>Municipality:</b> Ottawa-Carleton  |     |
| <b>Report Type:</b>             |                   | Site Report  |                  | <b>Client Prov/State:</b> ON  |     |
| <b>Report Date:</b>             |                   | 11/13/01   |                  | <b>Search Radius (km):</b> 0.25   |     |
| <b>Date Received:</b>           |                   | 11/9/01  |                  | <b>X:</b> -75.899464  |     |
| <b>Previous Site Name:</b>      |                   |  |                  | <b>Y:</b> 45.329125   |     |
| <b>Lot/Building Size:</b>       |                   | 18,750 sq. feet  |                  |   |     |
| <b>Additional Info Ordered:</b> |                   |  |                  |   |     |
| <a href="#">8</a>               | 2 of 18           | S/182.8  | 91.9 / 1.00      | 1 Beaverbrook Rd<br>Kanata ON K2K 1L2   | EHS |
| <b>Order No:</b>                |                   | 20011115008  |                  | <b>Nearest Intersection:</b>  |     |
| <b>Status:</b>                  |                   | C  |                  | <b>Municipality:</b> Ottawa-Carleton  |     |
| <b>Report Type:</b>             |                   | Basic Report   |                  | <b>Client Prov/State:</b> ON  |     |
| <b>Report Date:</b>             |                   | 11/23/01   |                  | <b>Search Radius (km):</b> 0.25   |     |
| <b>Date Received:</b>           |                   | 11/15/01   |                  | <b>X:</b> -75.899473  |     |
| <b>Previous Site Name:</b>      |                   |  |                  | <b>Y:</b> 45.329131   |     |
| <b>Lot/Building Size:</b>       |                   |  |                  |   |     |
| <b>Additional Info Ordered:</b> |                   |  |                  |   |     |
| <a href="#">8</a>               | 3 of 18           | S/182.8  | 91.9 / 1.00      | 1 Beaverbrook Road<br>Kanata ON K2K 1L2   | EHS |
| <b>Order No:</b>                |                   | 20190220160  |                  | <b>Nearest Intersection:</b>  |     |
| <b>Status:</b>                  |                   | C  |                  | <b>Municipality:</b>  |     |
| <b>Report Type:</b>             |                   | Standard Report  |                  | <b>Client Prov/State:</b> ON  |     |
| <b>Report Date:</b>             |                   | 27-FEB-19  |                  | <b>Search Radius (km):</b> .25  |     |
| <b>Date Received:</b>           |                   | 20-FEB-19  |                  | <b>X:</b> -75.899359  |     |
| <b>Previous Site Name:</b>      |                   |  |                  | <b>Y:</b> 45.328846   |     |

| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|--|-------------------|----------------------------|------------------|---|-----|
| <i>Lot/Building Size:</i><br><i>Additional Info Ordered:</i> |                   |                            |                  |   |     |
| <a href="#">8</a>  | 4 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| <i>Instance No:</i>  |                   | 9499336                    |                  |   |     |
| <i>Instance ID:</i>  |                   |                            |                  |   |     |
| <i>Instance Type:</i>  |                   | FS Facility                |                  |   |     |
| <i>Description:</i>  |                   |                            |                  |   |     |
| <i>Status:</i>   |                   | EXPIRED                    |                  |   |     |
| <i>TSSA Program Area:</i>                                    |                   |                            |                  |   |     |
| <i>Maximum Hazard Rank:</i>                                  |                   |                            |                  |   |     |
| <i>Facility Type:</i>  |                   |                            |                  |   |     |
| <i>Expired Date:</i>   |                   | 9/28/2002                  |                  |   |     |
| <a href="#">8</a>  | 5 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| <i>Instance No:</i>  |                   | 10797530                   |                  |   |     |
| <i>Instance ID:</i>  |                   |                            |                  |   |     |
| <i>Instance Type:</i>  |                   | FS Liquid Fuel Tank        |                  |   |     |
| <i>Description:</i>  |                   |                            |                  |   |     |
| <i>Status:</i>   |                   | EXPIRED                    |                  |   |     |
| <i>TSSA Program Area:</i>                                    |                   |                            |                  |   |     |
| <i>Maximum Hazard Rank:</i>                                  |                   |                            |                  |   |     |
| <i>Facility Type:</i>  |                   |                            |                  |   |     |
| <i>Expired Date:</i>   |                   | 9/28/2002                  |                  |   |     |
| <a href="#">8</a>  | 6 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| <i>Instance No:</i>  |                   | 10797545                   |                  |   |     |
| <i>Instance ID:</i>  |                   |                            |                  |   |     |
| <i>Instance Type:</i>  |                   | FS Liquid Fuel Tank        |                  |   |     |
| <i>Description:</i>  |                   |                            |                  |   |     |
| <i>Status:</i>   |                   | EXPIRED                    |                  |   |     |
| <i>TSSA Program Area:</i>                                    |                   |                            |                  |   |     |
| <i>Maximum Hazard Rank:</i>                                  |                   |                            |                  |   |     |
| <i>Facility Type:</i>  |                   |                            |                  |   |     |
| <i>Expired Date:</i>   |                   | 9/28/2002                  |                  |   |     |
| <a href="#">8</a>  | 7 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| <i>Instance No:</i>  |                   | 10797515                   |                  |   |     |
| <i>Instance ID:</i>  |                   |                            |                  |   |     |
| <i>Instance Type:</i>  |                   | FS Liquid Fuel Tank        |                  |   |     |
| <i>Description:</i>  |                   |                            |                  |   |     |
| <i>Status:</i>   |                   | EXPIRED                    |                  |   |     |
| <i>TSSA Program Area:</i>                                    |                   |                            |                  |   |     |
| <i>Maximum Hazard Rank:</i>                                  |                   |                            |                  |   |     |
| <i>Facility Type:</i>  |                   |                            |                  |   |     |
| <i>Expired Date:</i>   |                   | 9/28/2002                  |                  |   |     |

| Map Key              | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|----------------------|-------------------|----------------------------|------------------|---|-----|
| <a href="#">8</a>    | 8 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| Instance No:         |                   | 10797567                   |                  |   |     |
| Instance ID:         |                   | 10797567                   |                  |   |     |
| Instance Type:       |                   | FS Liquid Fuel Tank        |                  |   |     |
| Description:         |                   |                            |                  |   |     |
| Status:              |                   | EXPIRED                    |                  |   |     |
| TSSA Program Area:   |                   |                            |                  |   |     |
| Maximum Hazard Rank: |                   |                            |                  |   |     |
| Facility Type:       |                   |                            |                  |   |     |
| Expired Date:        |                   | 9/28/2002                  |                  |   |     |
| <a href="#">8</a>    | 9 of 18           | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON         | EXP |
| Instance No:         |                   | 10797561                   |                  |   |     |
| Instance ID:         |                   | 39324                      |                  |   |     |
| Instance Type:       |                   | FS Piping                  |                  |   |     |
| Description:         |                   | FS Piping                  |                  |   |     |
| Status:              |                   | EXPIRED                    |                  |   |     |
| TSSA Program Area:   |                   |                            |                  |   |     |
| Maximum Hazard Rank: |                   |                            |                  |   |     |
| Facility Type:       |                   |                            |                  |   |     |
| Expired Date:        |                   |                            |                  |   |     |
| <a href="#">8</a>    | 10 of 18          | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON         | EXP |
| Instance No:         |                   | 10797524                   |                  |   |     |
| Instance ID:         |                   | 40527                      |                  |   |     |
| Instance Type:       |                   | FS Piping                  |                  |   |     |
| Description:         |                   | FS Piping                  |                  |   |     |
| Status:              |                   | EXPIRED                    |                  |   |     |
| TSSA Program Area:   |                   |                            |                  |   |     |
| Maximum Hazard Rank: |                   |                            |                  |   |     |
| Facility Type:       |                   |                            |                  |   |     |
| Expired Date:        |                   |                            |                  |   |     |
| <a href="#">8</a>    | 11 of 18          | S/182.8                    | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON         | EXP |
| Instance No:         |                   | 10797576                   |                  |   |     |
| Instance ID:         |                   | 41202                      |                  |   |     |
| Instance Type:       |                   | FS Piping                  |                  |   |     |
| Description:         |                   | FS Piping                  |                  |   |     |
| Status:              |                   | EXPIRED                    |                  |   |     |
| TSSA Program Area:   |                   |                            |                  |   |     |
| Maximum Hazard Rank: |                   |                            |                  |   |     |
| Facility Type:       |                   |                            |                  |   |     |
| Expired Date:        |                   |                            |                  |   |     |

| Map Key              | Number of Records | Direction/<br>Distance (m)       | Elev/Diff<br>(m) | Site  | DB  |
|----------------------|-------------------|----------------------------------|------------------|---|-----|
| <a href="#">8</a>    | 12 of 18          | S/182.8                          | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON         | EXP |
| Instance No:         |                   | 10797539                         |                  |   |     |
| Instance ID:         |                   | 41846                            |                  |   |     |
| Instance Type:       |                   | FS Piping                        |                  |   |     |
| Description:         |                   | FS Piping                        |                  |   |     |
| Status:              |                   | EXPIRED                          |                  |   |     |
| TSSA Program Area:   |                   |                                  |                  |   |     |
| Maximum Hazard Rank: |                   |                                  |                  |   |     |
| Facility Type:       |                   |                                  |                  |   |     |
| Expired Date:        |                   |                                  |                  |   |     |
| <a href="#">8</a>    | 13 of 18          | S/182.8                          | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| Instance No:         |                   | 10797530                         |                  |   |     |
| Instance ID:         |                   |                                  |                  |   |     |
| Instance Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Description:         |                   | FS Gasoline Station - Self Serve |                  |   |     |
| Status:              |                   | EXPIRED                          |                  |   |     |
| TSSA Program Area:   |                   |                                  |                  |   |     |
| Maximum Hazard Rank: |                   |                                  |                  |   |     |
| Facility Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Expired Date:        |                   | 9/28/2002                        |                  |   |     |
| <a href="#">8</a>    | 14 of 18          | S/182.8                          | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| Instance No:         |                   | 10797545                         |                  |   |     |
| Instance ID:         |                   |                                  |                  |   |     |
| Instance Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Description:         |                   | FS Gasoline Station - Self Serve |                  |   |     |
| Status:              |                   | EXPIRED                          |                  |   |     |
| TSSA Program Area:   |                   |                                  |                  |   |     |
| Maximum Hazard Rank: |                   |                                  |                  |   |     |
| Facility Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Expired Date:        |                   | 9/28/2002                        |                  |   |     |
| <a href="#">8</a>    | 15 of 18          | S/182.8                          | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |
| Instance No:         |                   | 10797515                         |                  |   |     |
| Instance ID:         |                   |                                  |                  |   |     |
| Instance Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Description:         |                   | FS Gasoline Station - Self Serve |                  |   |     |
| Status:              |                   | EXPIRED                          |                  |   |     |
| TSSA Program Area:   |                   |                                  |                  |   |     |
| Maximum Hazard Rank: |                   |                                  |                  |   |     |
| Facility Type:       |                   | FS Liquid Fuel Tank              |                  |   |     |
| Expired Date:        |                   | 9/28/2002                        |                  |   |     |
| <a href="#">8</a>    | 16 of 18          | S/182.8                          | 91.9 / 1.00      | FRANK G RODE KANATA SELF SERVE<br>1 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | EXP |



| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB         |
|--|-------------------|----------------------------|------------------|--|------------|
| <b>Instance No:</b> 10797567<br><b>Instance ID:</b><br><b>Instance Type:</b> FS Liquid Fuel Tank<br><b>Description:</b> FS Gasoline Station - Self Serve<br><b>Status:</b> EXPIRED<br><b>TSSA Program Area:</b><br><b>Maximum Hazard Rank:</b><br><b>Facility Type:</b> FS Liquid Fuel Tank<br><b>Expired Date:</b> 9/28/2002  |                   |                            |                  |  |            |
| <u>8</u>   | 17 of 18          | S/182.8                    | 91.9 / 1.00      | <b>FRANK G RODE KANATA SELF SERVE<br/>1 BEAVERBROOKE RD<br/>KANATA ON K2K1L2</b> | <b>PRT</b> |
| <b>Location ID:</b> 6718<br><b>Type:</b> retail<br><b>Expiry Date:</b> 1995-11-30<br><b>Capacity (L):</b> 19974<br><b>Licence #:</b> 0016140001  |                   |                            |                  |  |            |
| <u>8</u>   | 18 of 18          | S/182.8                    | 91.9 / 1.00      | <b>BEAVERBROOK ESSO SERVICE CENTRE<br/>1 BEAVERBROOK RD<br/>KANATA ON K2K1L2</b> | <b>RST</b> |
| <b>Headcode:</b> 1186800<br><b>Headcode Desc:</b> Service Stations-Gasoline, Oil & Natural Gas<br><b>Phone:</b> 6135922529<br><b>List Name:</b><br><b>Description:</b>   |                   |                            |                  |  |            |
| <u>9</u>   | 1 of 1            | NNE/186.3                  | 87.6 / -3.27     | <b>219 Penfield Dr<br/>Ottawa ON</b>   | <b>SPL</b> |
| <b>Ref No:</b> 2667-9XSREP<br><b>Site No:</b> NA<br><b>Incident Dt:</b> 6/24/2015<br><b>Year:</b><br><b>Incident Cause:</b> Unknown / N/A<br><b>Incident Event:</b><br><b>Contaminant Code:</b> 12<br><b>Contaminant Name:</b> GASOLINE<br><b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Environment Impact:</b><br><b>Nature of Impact:</b> Land<br><b>Receiving Medium:</b><br><b>Receiving Env:</b><br><b>MOE Response:</b> N<br><b>Dt MOE Arvl on Scn:</b><br><b>MOE Reported Dt:</b> 6/24/2015<br><b>Dt Document Closed:</b> 6/26/2015<br><b>Incident Reason:</b> Unknown / N/A<br><b>Site Name:</b> 219 Penfield Dr<UNOFFICIAL><br><b>Site County/District:</b><br><b>Site Geo Ref Meth:</b><br><b>Incident Summary:</b> City of Ottawa: 3 L of gasoline to catch basin<br><b>Contaminant Qty:</b> 3 L |                   |                            |                  |  |            |
| <b>Discharger Report:</b><br><b>Material Group:</b><br><b>Health/Env Conseq:</b><br><b>Client Type:</b><br><b>Sector Type:</b><br><b>Agency Involved:</b><br><b>Nearest Watercourse:</b><br><b>Site Address:</b> 219 Penfield Dr<br><b>Site District Office:</b><br><b>Site Postal Code:</b><br><b>Site Region:</b><br><b>Site Municipality:</b> Ottawa<br><b>Site Lot:</b><br><b>Site Conc:</b><br><b>Northing:</b><br><b>Easting:</b><br><b>Site Geo Ref Accu:</b><br><b>Site Map Datum:</b><br><b>SAC Action Class:</b> Land Spills<br><b>Source Type:</b>  |                   |                            |                  |  |            |

| Map Key  | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site | DB   |
|--|-------------------|---|------------------|------|------|
| <a href="#">10</a>   | 1 of 1            | WNW/187.2   | 88.5 / -2.39     | ON   | WWIS |
| <b>Well ID:</b> 7311685<br><b>Construction Date:</b><br><b>Primary Water Use:</b><br><b>Sec. Water Use:</b><br><b>Final Well Status:</b><br><b>Water Type:</b><br><b>Casing Material:</b><br><b>Audit No:</b> Z287767<br><b>Tag:</b> A241786<br><b>Construction Method:</b><br><b>Elevation (m):</b><br><b>Elevation Reliability:</b><br><b>Depth to Bedrock:</b><br><b>Well Depth:</b><br><b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Flowing (Y/N):</b><br><b>Flow Rate:</b><br><b>Clear/Cloudy:</b> |                   | <b>Data Entry Status:</b> Yes<br><b>Data Src:</b><br><b>Date Received:</b> 5/25/2018<br><b>Selected Flag:</b> Yes<br><b>Abandonment Rec:</b><br><b>Contractor:</b> 7543<br><b>Form Version:</b> 7<br><b>Owner:</b><br><b>Street Name:</b><br><b>County:</b> OTTAWA-CARLETON<br><b>Municipality:</b> MARCH TOWNSHIP<br><b>Site Info:</b><br><b>Lot:</b><br><b>Concession:</b><br><b>Concession Name:</b><br><b>Easting NAD83:</b><br><b>Northing NAD83:</b><br><b>Zone:</b><br><b>UTM Reliability:</b> |                  |      |      |
| <b><u>Bore Hole Information</u></b>  |                   |   |                  |      |      |
| <b>Bore Hole ID:</b> 1007060235<br><b>DP2BR:</b><br><b>Spatial Status:</b><br><b>Code OB:</b><br><b>Code OB Desc:</b><br><b>Open Hole:</b><br><b>Cluster Kind:</b><br><b>Date Completed:</b><br><b>Remarks:</b><br><b>Elevrc Desc:</b><br><b>Location Source Date:</b><br><b>Improvement Location Source:</b><br><b>Improvement Location Method:</b><br><b>Source Revision Comment:</b><br><b>Supplier Comment:</b>  |                   | <b>Elevation:</b><br><b>Elevrc:</b><br><b>Zone:</b> 18<br><b>East83:</b> 429355<br><b>North83:</b> 5020131<br><b>Org CS:</b> UTM83<br><b>UTMRC:</b> 4<br><b>UTMRC Desc:</b> margin of error : 30 m - 100 m<br><b>Location Method:</b> wwr   |                  |      |      |

|  |        |         |              |  |      |
|--|--------|---------|--------------|--|------|
| <a href="#">11</a>                     | 1 of 1 | N/187.3 | 84.9 / -6.00 | Kanata Cleaners<br>1029 Teron Rd<br>Kanata ON K2K1R2 | CDRY |
| <b>Legal Name of Company:</b>          |        |         |              |  |      |
| <b><u>Waste Quantity by Year</u></b>   |        |         |              |  |      |
| <b>Reporting Year:</b> 2008            |        |         |              |  |      |
| <b>Quantity of PERC (kg):</b> 139      |        |         |              |  |      |
| <b>Total Waste Water (kg):</b> 0       |        |         |              |  |      |
| <b>Total Waste Water (L):</b> -        |        |         |              |  |      |
| <b>Total Residue (kg):</b> 0           |        |         |              |  |      |
| <b>Total Residue (L):</b> -            |        |         |              |  |      |
| <b>Total Mix (kg):</b> -               |        |         |              |  |      |
| <b>Total Mix (L):</b> 115              |        |         |              |  |      |
| <b>Request for Confidentiality:</b> No |        |         |              |  |      |
| <b>Reason for Confidentiality:</b>     |        |         |              |  |      |
| <b>Reporting Year:</b> 2005            |        |         |              |  |      |

| Map Key                      | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------------|-------------------|----------------------------|------------------|------|----|
| Quantity of PERC (kg):       |                   | 398.52                     |                  |      |    |
| Total Waste Water (kg):      |                   | 0                          |                  |      |    |
| Total Waste Water (L):       |                   | -                          |                  |      |    |
| Total Residue (kg):          |                   | 0                          |                  |      |    |
| Total Residue (L):           |                   | -                          |                  |      |    |
| Total Mix (kg):              |                   | 115                        |                  |      |    |
| Total Mix (L):               |                   | -                          |                  |      |    |
| Request for Confidentiality: |                   | No                         |                  |      |    |
| Reason for Confidentiality:  |                   | N/A                        |                  |      |    |

| <u>12</u>                     | 1 of 2                   | ESE/190.0 | 92.9 / 2.00 | KANATA ON                 | WWIS               |
|-------------------------------|--------------------------|-----------|-------------|---------------------------|--------------------|
| <b>Well ID:</b>               | 7286298                  |           |             | <b>Data Entry Status:</b> |                    |
| <b>Construction Date:</b>     |                          |           |             | <b>Data Src:</b>          |                    |
| <b>Primary Water Use:</b>     | Test Hole                |           |             | <b>Date Received:</b>     | 5/11/2017          |
| <b>Sec. Water Use:</b>        | Monitoring               |           |             | <b>Selected Flag:</b>     | Yes                |
| <b>Final Well Status:</b>     | Monitoring and Test Hole |           |             | <b>Abandonment Rec:</b>   |                    |
| <b>Water Type:</b>            |                          |           |             | <b>Contractor:</b>        | 7241               |
| <b>Casing Material:</b>       |                          |           |             | <b>Form Version:</b>      | 7                  |
| <b>Audit No:</b>              | Z250885                  |           |             | <b>Owner:</b>             |                    |
| <b>Tag:</b>                   | A190034                  |           |             | <b>Street Name:</b>       | 25 RUTHERFORD CRES |
| <b>Construction Method:</b>   |                          |           |             | <b>County:</b>            | OTTAWA-CARLETON    |
| <b>Elevation (m):</b>         |                          |           |             | <b>Municipality:</b>      | MARCH TOWNSHIP     |
| <b>Elevation Reliability:</b> |                          |           |             | <b>Site Info:</b>         |                    |
| <b>Depth to Bedrock:</b>      |                          |           |             | <b>Lot:</b>               |                    |
| <b>Well Depth:</b>            |                          |           |             | <b>Concession:</b>        |                    |
| <b>Overburden/Bedrock:</b>    |                          |           |             | <b>Concession Name:</b>   |                    |
| <b>Pump Rate:</b>             |                          |           |             | <b>Easting NAD83:</b>     |                    |
| <b>Static Water Level:</b>    |                          |           |             | <b>Northing NAD83:</b>    |                    |
| <b>Flowing (Y/N):</b>         |                          |           |             | <b>Zone:</b>              |                    |
| <b>Flow Rate:</b>             |                          |           |             | <b>UTM Reliability:</b>   |                    |
| <b>Clear/Cloudy:</b>          |                          |           |             |                           |                    |

**Bore Hole Information**

|                                     |            |                         |                                |
|-------------------------------------|------------|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 1006441790 | <b>Elevation:</b>       | 89.652755                      |
| <b>DP2BR:</b>                       |            | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |            | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |            | <b>East83:</b>          | 429709                         |
| <b>Code OB Desc:</b>                |            | <b>North83:</b>         | 5020002                        |
| <b>Open Hole:</b>                   |            | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |            | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 4/10/2017  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |            | <b>Location Method:</b> | wwr                            |
| <b>Elevrc Desc:</b>                 |            |                         |                                |
| <b>Location Source Date:</b>        |            |                         |                                |
| <b>Improvement Location Source:</b> |            |                         |                                |
| <b>Improvement Location Method:</b> |            |                         |                                |
| <b>Source Revision Comment:</b>     |            |                         |                                |
| <b>Supplier Comment:</b>            |            |                         |                                |

**Overburden and Bedrock**

**Materials Interval**

|                              |            |
|------------------------------|------------|
| <b>Formation ID:</b>         | 1006668850 |
| <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>                 | 06         |
| <b>Other Materials:</b>      | SILT       |

| <b>Map Key</b>  | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Mat3:</b>  |                          | 91                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | WATER-BEARING                      |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 3.65                               |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 7.3                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | m                                  |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 1006668849                         |                          |             |           |
| <b>Layer:</b>   |                          | 2                                  |                          |             |           |
| <b>Color:</b>   |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                                       |                          | GREY                               |                          |             |           |
| <b>Mat1:</b>  |                          | 05                                 |                          |             |           |
| <b>Most Common Material:</b>                                |                          | CLAY                               |                          |             |           |
| <b>Mat2:</b>  |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                                     |                          |                                    |                          |             |           |
| <b>Mat3:</b>  |                          | 85                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | SOFT                               |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 2.13                               |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 3.65                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | m                                  |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 1006668848                         |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Color:</b>   |                          | 6                                  |                          |             |           |
| <b>General Color:</b>                                       |                          | BROWN                              |                          |             |           |
| <b>Mat1:</b>  |                          | 28                                 |                          |             |           |
| <b>Most Common Material:</b>                                |                          | SAND                               |                          |             |           |
| <b>Mat2:</b>  |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                                     |                          |                                    |                          |             |           |
| <b>Mat3:</b>  |                          | 85                                 |                          |             |           |
| <b>Other Materials:</b>                                     |                          | SOFT                               |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 0                                  |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 2.13                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          | 1006668859                         |                          |             |           |
| <b>Layer:</b>   |                          | 2                                  |                          |             |           |
| <b>Plug From:</b>   |                          | 0.31                               |                          |             |           |
| <b>Plug To:</b>   |                          | 3.65                               |                          |             |           |
| <b>Plug Depth UOM:</b>                                      |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          | 1006668860                         |                          |             |           |
| <b>Layer:</b>   |                          | 3                                  |                          |             |           |
| <b>Plug From:</b>   |                          | 3.65                               |                          |             |           |
| <b>Plug To:</b>   |                          | 7.3                                |                          |             |           |
| <b>Plug Depth UOM:</b>                                      |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment<br/>Sealing Record</u></b>  |                          |                                    |                          |             |           |
| <b>Plug ID:</b>   |                          | 1006668858                         |                          |             |           |

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| Layer:  | 1                 |                            |                  |      |    |
| Plug From:  | 0                 |                            |                  |      |    |
| Plug To:  | 0.31              |                            |                  |      |    |
| Plug Depth UOM:                                     | m                 |                            |                  |      |    |
| <b><u>Method of Construction &amp; Well Use</u></b> |                   |                            |                  |      |    |
| Method Construction ID:                             |                   |                            |                  |      |    |
| Method Construction Code:                           | D                 |                            |                  |      |    |
| Method Construction:                                | Direct Push       |                            |                  |      |    |
| Other Method Construction:                          |                   |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                      |                   |                            |                  |      |    |
| Pipe ID:  | 1006668847        |                            |                  |      |    |
| Casing No:  | 0                 |                            |                  |      |    |
| Comment:  |                   |                            |                  |      |    |
| Alt Name:   |                   |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                   |                            |                  |      |    |
| Casing ID:  | 1006668853        |                            |                  |      |    |
| Layer:  | 1                 |                            |                  |      |    |
| Material:   | 5                 |                            |                  |      |    |
| Open Hole or Material:                              | PLASTIC           |                            |                  |      |    |
| Depth From:   | 0                 |                            |                  |      |    |
| Depth To:   | 4.26              |                            |                  |      |    |
| Casing Diameter:                                    | 3.45              |                            |                  |      |    |
| Casing Diameter UOM:                                | cm                |                            |                  |      |    |
| Casing Depth UOM:                                   | m                 |                            |                  |      |    |
| <b><u>Construction Record - Screen</u></b>          |                   |                            |                  |      |    |
| Screen ID:  | 1006668854        |                            |                  |      |    |
| Layer:  | 1                 |                            |                  |      |    |
| Slot:   | 10                |                            |                  |      |    |
| Screen Top Depth:                                   | 4.26              |                            |                  |      |    |
| Screen End Depth:                                   | 7.3               |                            |                  |      |    |
| Screen Material:                                    | 5                 |                            |                  |      |    |
| Screen Depth UOM:                                   | m                 |                            |                  |      |    |
| Screen Diameter UOM:                                | cm                |                            |                  |      |    |
| Screen Diameter:                                    | 4.03              |                            |                  |      |    |
| <b><u>Hole Diameter</u></b>                         |                   |                            |                  |      |    |
| Hole ID:  | 1006668851        |                            |                  |      |    |
| Diameter:   | 5.7               |                            |                  |      |    |
| Depth From:   | 0                 |                            |                  |      |    |
| Depth To:   | 7.3               |                            |                  |      |    |
| Hole Depth UOM:                                     | m                 |                            |                  |      |    |
| Hole Diameter UOM:                                  | cm                |                            |                  |      |    |

[12](#)

2 of 2

ESE/190.0

92.9 / 2.00

KANATA ON

WWIS

Well ID: 7292926  
 Construction Date:  
 Primary Water Use: Test Hole  
 Sec. Water Use: Monitoring  
 Final Well Status: Abandoned-Other

Data Entry Status:  
 Data Src:  
 Date Received: 8/18/2017  
 Selected Flag: Yes  
 Abandonment Rec: Yes

| Map Key                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB                |
|------------------------|-------------------|----------------------------|------------------|------------------|-------------------|
| Water Type:            |                   |                            |                  | Contractor:      | 7241              |
| Casing Material:       |                   |                            |                  | Form Version:    | 7                 |
| Audit No:              | Z247769           |                            |                  | Owner:           |                   |
| Tag:                   |                   |                            |                  | Street Name:     | 25 RUTHERFORD ST. |
| Construction Method:   |                   |                            |                  | County:          | OTTAWA-CARLETON   |
| Elevation (m):         |                   |                            |                  | Municipality:    | MARCH TOWNSHIP    |
| Elevation Reliability: |                   |                            |                  | Site Info:       |                   |
| Depth to Bedrock:      |                   |                            |                  | Lot:             |                   |
| Well Depth:            |                   |                            |                  | Concession:      |                   |
| Overburden/Bedrock:    |                   |                            |                  | Concession Name: |                   |
| Pump Rate:             |                   |                            |                  | Easting NAD83:   |                   |
| Static Water Level:    |                   |                            |                  | Northing NAD83:  |                   |
| Flowing (Y/N):         |                   |                            |                  | Zone:            |                   |
| Flow Rate:             |                   |                            |                  | UTM Reliability: |                   |
| Clear/Cloudy:          |                   |                            |                  |                  |                   |

**Bore Hole Information**

|                              |            |                  |                                |
|------------------------------|------------|------------------|--------------------------------|
| Bore Hole ID:                | 1006711048 | Elevation:       | 89.652755                      |
| DP2BR:                       |            | Elevrc:          |                                |
| Spatial Status:              |            | Zone:            | 18                             |
| Code OB:                     |            | East83:          | 429709                         |
| Code OB Desc:                |            | North83:         | 5020002                        |
| Open Hole:                   |            | Org CS:          | UTM83                          |
| Cluster Kind:                |            | UTMRC:           | 4                              |
| Date Completed:              | 6/2/2017   | UTMRC Desc:      | margin of error : 30 m - 100 m |
| Remarks:                     |            | Location Method: | wwr                            |
| Elevrc Desc:                 |            |                  |                                |
| Location Source Date:        |            |                  |                                |
| Improvement Location Source: |            |                  |                                |
| Improvement Location Method: |            |                  |                                |
| Source Revision Comment:     |            |                  |                                |
| Supplier Comment:            |            |                  |                                |

**Annular Space/Abandonment  
Sealing Record**

|                 |            |
|-----------------|------------|
| Plug ID:        | 1006843328 |
| Layer:          | 2          |
| Plug From:      | 0.31       |
| Plug To:        | 1.22       |
| Plug Depth UOM: | m          |

**Annular Space/Abandonment  
Sealing Record**

|                 |            |
|-----------------|------------|
| Plug ID:        | 1006843327 |
| Layer:          | 1          |
| Plug From:      | 0          |
| Plug To:        | 0.31       |
| Plug Depth UOM: | m          |

**Annular Space/Abandonment  
Sealing Record**

|                 |            |
|-----------------|------------|
| Plug ID:        | 1006843329 |
| Layer:          | 3          |
| Plug From:      | 1.22       |
| Plug To:        |            |
| Plug Depth UOM: | m          |

**Pipe Information**



| Map Key                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| Pipe ID:                                   |                   | 1006843318                 |                  |      |    |
| Casing No:                                 |                   | 0                          |                  |      |    |
| Comment:                                   |                   |                            |                  |      |    |
| Alt Name:                                  |                   |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b> |                   |                            |                  |      |    |
| Casing ID:                                 |                   | 1006843322                 |                  |      |    |
| Layer:                                     |                   | 1                          |                  |      |    |
| Material:                                  |                   | 5                          |                  |      |    |
| Open Hole or Material:                     |                   | PLASTIC                    |                  |      |    |
| Depth From:                                |                   |                            |                  |      |    |
| Depth To:                                  |                   |                            |                  |      |    |
| Casing Diameter:                           |                   | 3.45                       |                  |      |    |
| Casing Diameter UOM:                       |                   | cm                         |                  |      |    |
| Casing Depth UOM:                          |                   | m                          |                  |      |    |
| <b><u>Construction Record - Screen</u></b> |                   |                            |                  |      |    |
| Screen ID:                                 |                   | 1006843323                 |                  |      |    |
| Layer:                                     |                   | 1                          |                  |      |    |
| Slot:                                      |                   | 10                         |                  |      |    |
| Screen Top Depth:                          |                   |                            |                  |      |    |
| Screen End Depth:                          |                   |                            |                  |      |    |
| Screen Material:                           |                   | 5                          |                  |      |    |
| Screen Depth UOM:                          |                   | m                          |                  |      |    |
| Screen Diameter UOM:                       |                   | cm                         |                  |      |    |
| Screen Diameter:                           |                   | 4.21                       |                  |      |    |
| <b><u>Hole Diameter</u></b>                |                   |                            |                  |      |    |
| Hole ID:                                   |                   | 1006843320                 |                  |      |    |
| Diameter:                                  |                   |                            |                  |      |    |
| Depth From:                                |                   |                            |                  |      |    |
| Depth To:                                  |                   |                            |                  |      |    |
| Hole Depth UOM:                            |                   | m                          |                  |      |    |
| Hole Diameter UOM:                         |                   | cm                         |                  |      |    |

|                        |                          |           |             |                    |                    |
|------------------------|--------------------------|-----------|-------------|--------------------|--------------------|
| <a href="#">13</a>     | 1 of 2                   | ESE/190.2 | 92.9 / 2.00 | KANATA ON          | WWIS               |
| Well ID:               | 7286297                  |           |             | Data Entry Status: |                    |
| Construction Date:     |                          |           |             | Data Src:          |                    |
| Primary Water Use:     | Test Hole                |           |             | Date Received:     | 5/11/2017          |
| Sec. Water Use:        | Monitoring               |           |             | Selected Flag:     | Yes                |
| Final Well Status:     | Monitoring and Test Hole |           |             | Abandonment Rec:   |                    |
| Water Type:            |                          |           |             | Contractor:        | 7241               |
| Casing Material:       |                          |           |             | Form Version:      | 7                  |
| Audit No:              | Z250884                  |           |             | Owner:             |                    |
| Tag:                   | A185653                  |           |             | Street Name:       | 25 RUTHERFORD CRES |
| Construction Method:   |                          |           |             | County:            | OTTAWA-CARLETON    |
| Elevation (m):         |                          |           |             | Municipality:      | MARCH TOWNSHIP     |
| Elevation Reliability: |                          |           |             | Site Info:         |                    |
| Depth to Bedrock:      |                          |           |             | Lot:               |                    |
| Well Depth:            |                          |           |             | Concession:        |                    |
| Overburden/Bedrock:    |                          |           |             | Concession Name:   |                    |
| Pump Rate:             |                          |           |             | Easting NAD83:     |                    |
| Static Water Level:    |                          |           |             | Northing NAD83:    |                    |
| Flowing (Y/N):         |                          |           |             | Zone:              |                    |
| Flow Rate:             |                          |           |             | UTM Reliability:   |                    |
| Clear/Cloudy:          |                          |           |             |                    |                    |

| Map Key | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

**Bore Hole Information**

|                                     |            |                         |                                |
|-------------------------------------|------------|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 1006441787 | <b>Elevation:</b>       | 89.561279                      |
| <b>DP2BR:</b>                       |            | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |            | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |            | <b>East83:</b>          | 429711                         |
| <b>Code OB Desc:</b>                |            | <b>North83:</b>         | 5020008                        |
| <b>Open Hole:</b>                   |            | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |            | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 4/20/2017  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |            | <b>Location Method:</b> | wwr                            |
| <b>Elevrc Desc:</b>                 |            |                         |                                |
| <b>Location Source Date:</b>        |            |                         |                                |
| <b>Improvement Location Source:</b> |            |                         |                                |
| <b>Improvement Location Method:</b> |            |                         |                                |
| <b>Source Revision Comment:</b>     |            |                         |                                |
| <b>Supplier Comment:</b>            |            |                         |                                |

**Overburden and Bedrock**

**Materials Interval**

|                                 |            |
|---------------------------------|------------|
| <b>Formation ID:</b>            | 1006668833 |
| <b>Layer:</b>                   | 1          |
| <b>Color:</b>                   | 6          |
| <b>General Color:</b>           | BROWN      |
| <b>Mat1:</b>                    | 28         |
| <b>Most Common Material:</b>    | SAND       |
| <b>Mat2:</b>                    |            |
| <b>Other Materials:</b>         |            |
| <b>Mat3:</b>                    | 85         |
| <b>Other Materials:</b>         | SOFT       |
| <b>Formation Top Depth:</b>     | 0          |
| <b>Formation End Depth:</b>     | 2.13       |
| <b>Formation End Depth UOM:</b> | m          |

**Overburden and Bedrock**

**Materials Interval**

|                                 |               |
|---------------------------------|---------------|
| <b>Formation ID:</b>            | 1006668835    |
| <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>                    |               |
| <b>Other Materials:</b>         |               |
| <b>Mat3:</b>                    | 91            |
| <b>Other Materials:</b>         | WATER-BEARING |
| <b>Formation Top Depth:</b>     | 3.65          |
| <b>Formation End Depth:</b>     | 6.09          |
| <b>Formation End Depth UOM:</b> | m             |

**Overburden and Bedrock**

**Materials Interval**

|                              |            |
|------------------------------|------------|
| <b>Formation ID:</b>         | 1006668834 |
| <b>Layer:</b>                | 2          |
| <b>Color:</b>                | 2          |
| <b>General Color:</b>        | GREY       |
| <b>Mat1:</b>                 | 05         |
| <b>Most Common Material:</b> | CLAY       |

| <b>Map Key</b>   | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Mat2:</b>   |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                                |                          |                                    |                          |             |           |
| <b>Mat3:</b>   |                          | 68                                 |                          |             |           |
| <b>Other Materials:</b>                                |                          | DRY                                |                          |             |           |
| <b>Formation Top Depth:</b>                            |                          | 2.13                               |                          |             |           |
| <b>Formation End Depth:</b>                            |                          | 3.65                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                        |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1006668844                         |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 0                                  |                          |             |           |
| <b>Plug To:</b>  |                          | 0.31                               |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1006668843                         |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          |                                    |                          |             |           |
| <b>Plug To:</b>  |                          |                                    |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1006668845                         |                          |             |           |
| <b>Layer:</b>  |                          | 2                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 0.31                               |                          |             |           |
| <b>Plug To:</b>  |                          | 2.74                               |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1006668846                         |                          |             |           |
| <b>Layer:</b>  |                          | 3                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 2.74                               |                          |             |           |
| <b>Plug To:</b>  |                          | 6.09                               |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                         |                          |                                    |                          |             |           |
| <b>Method Construction Code:</b>                       |                          | D                                  |                          |             |           |
| <b>Method Construction:</b>                            |                          | Direct Push                        |                          |             |           |
| <b>Other Method Construction:</b>                      |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                         |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>  |                          | 1006668832                         |                          |             |           |
| <b>Casing No:</b>                                      |                          | 0                                  |                          |             |           |
| <b>Comment:</b>  |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                       |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |

| Map Key | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

**Casing ID:** 1006668838  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:** 0  
**Depth To:** 3.04  
**Casing Diameter:** 3.45  
**Casing Diameter UOM:** cm  
**Casing Depth UOM:** m

**Construction Record - Screen**

**Screen ID:** 1006668839  
**Layer:** 1  
**Slot:** 10  
**Screen Top Depth:** 3.04  
**Screen End Depth:** 6.09  
**Screen Material:** 5  
**Screen Depth UOM:** m  
**Screen Diameter UOM:** cm  
**Screen Diameter:** 4.03

**Hole Diameter**

**Hole ID:** 1006668836  
**Diameter:** 5.7  
**Depth From:** 0  
**Depth To:** 6.09  
**Hole Depth UOM:** m  
**Hole Diameter UOM:** cm

**13**      **2 of 2**      **ESE/190.2**      **92.9 / 2.00**      **KANATA ON**      **WWIS**

**Well ID:** 7292927  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z247768  
**Tag:** A185653  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 8/18/2017  
**Selected Flag:** Yes  
**Abandonment Rec:** Yes  
**Contractor:** 7241  
**Form Version:** 7  
**Owner:**  
**Street Name:** 25 RUTHERFORD ST.  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1006711051      **Elevation:** 89.561279  
**DP2BR:**      **Elevrc:**  
**Spatial Status:**      **Zone:** 18  
**Code OB:**      **East83:** 429711

| <b>Map Key</b>   | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b>             | <b>DB</b>                      |
|--|--------------------------|------------------------------------|--------------------------|-------------------------|--------------------------------|
| <b>Code OB Desc:</b>                                   |                          |                                    |                          | <b>North83:</b>         | 5020008                        |
| <b>Open Hole:</b>                                      |                          |                                    |                          | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                                   |                          |                                    |                          | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>                                 | 6/2/2017                 |                                    |                          | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>  |                          |                                    |                          | <b>Location Method:</b> | wwr                            |
| <b>Elevrc Desc:</b>                                    |                          |                                    |                          |                         |                                |
| <b>Location Source Date:</b>                           |                          |                                    |                          |                         |                                |
| <b>Improvement Location Source:</b>                    |                          |                                    |                          |                         |                                |
| <b>Improvement Location Method:</b>                    |                          |                                    |                          |                         |                                |
| <b>Source Revision Comment:</b>                        |                          |                                    |                          |                         |                                |
| <b>Supplier Comment:</b>                               |                          |                                    |                          |                         |                                |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |                         |                                |
| <b>Plug ID:</b>  |                          | 1006843338                         |                          |                         |                                |
| <b>Layer:</b>  |                          | 2                                  |                          |                         |                                |
| <b>Plug From:</b>                                      |                          |                                    |                          |                         |                                |
| <b>Plug To:</b>  |                          | 5.79                               |                          |                         |                                |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |                         |                                |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |                         |                                |
| <b>Plug ID:</b>  |                          | 1006843337                         |                          |                         |                                |
| <b>Layer:</b>  |                          | 1                                  |                          |                         |                                |
| <b>Plug From:</b>                                      |                          | 0                                  |                          |                         |                                |
| <b>Plug To:</b>  |                          | 0.61                               |                          |                         |                                |
| <b>Plug Depth UOM:</b>                                 |                          | m                                  |                          |                         |                                |
| <b><u>Pipe Information</u></b>                         |                          |                                    |                          |                         |                                |
| <b>Pipe ID:</b>  |                          | 1006843330                         |                          |                         |                                |
| <b>Casing No:</b>                                      |                          | 0                                  |                          |                         |                                |
| <b>Comment:</b>  |                          |                                    |                          |                         |                                |
| <b>Alt Name:</b>                                       |                          |                                    |                          |                         |                                |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |                         |                                |
| <b>Casing ID:</b>                                      |                          | 1006843334                         |                          |                         |                                |
| <b>Layer:</b>  |                          | 1                                  |                          |                         |                                |
| <b>Material:</b>                                       |                          | 5                                  |                          |                         |                                |
| <b>Open Hole or Material:</b>                          |                          | PLASTIC                            |                          |                         |                                |
| <b>Depth From:</b>                                     |                          |                                    |                          |                         |                                |
| <b>Depth To:</b>                                       |                          |                                    |                          |                         |                                |
| <b>Casing Diameter:</b>                                |                          | 3.45                               |                          |                         |                                |
| <b>Casing Diameter UOM:</b>                            |                          | cm                                 |                          |                         |                                |
| <b>Casing Depth UOM:</b>                               |                          | m                                  |                          |                         |                                |
| <b><u>Construction Record - Screen</u></b>             |                          |                                    |                          |                         |                                |
| <b>Screen ID:</b>                                      |                          | 1006843335                         |                          |                         |                                |
| <b>Layer:</b>  |                          | 1                                  |                          |                         |                                |
| <b>Slot:</b>   |                          | 10                                 |                          |                         |                                |
| <b>Screen Top Depth:</b>                               |                          |                                    |                          |                         |                                |
| <b>Screen End Depth:</b>                               |                          |                                    |                          |                         |                                |
| <b>Screen Material:</b>                                |                          | 5                                  |                          |                         |                                |
| <b>Screen Depth UOM:</b>                               |                          | m                                  |                          |                         |                                |
| <b>Screen Diameter UOM:</b>                            |                          | cm                                 |                          |                         |                                |
| <b>Screen Diameter:</b>                                |                          | 4.21                               |                          |                         |                                |

| Map Key              | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|----------------------|-------------------|-------------------------|---------------|------|----|
| <u>Hole Diameter</u> |                   |                         |               |      |    |
| Hole ID:             |                   | 1006843332              |               |      |    |
| Diameter:            |                   |                         |               |      |    |
| Depth From:          |                   |                         |               |      |    |
| Depth To:            |                   |                         |               |      |    |
| Hole Depth UOM:      |                   | m                       |               |      |    |
| Hole Diameter UOM:   |                   | cm                      |               |      |    |

|                    |  |          |              |   |                      |
|--------------------|--|----------|--------------|---|----------------------|
| <a href="#">14</a> | 1 of 3   | SW/199.5 | 89.9 / -1.00 | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K1L1 | GEN                  |
| Generator No:      | ON9217662  |          |              | PO Box No:  |                      |
| Status:            |  |          |              | Country:  | Canada               |
| Approval Years:    | 2016   |          |              | Choice of Contact:                                      | CO_ADMIN             |
| Contam. Facility:  | No   |          |              | Co Admin:   | Carolyn James        |
| MHSW Facility:     | No   |          |              | Phone No Admin:   | 613-723-5757 Ext.261 |
| SIC Code:          | 541720   |          |              |   |                      |
| SIC Description:   | RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES |          |              |   |                      |

Detail(s)

|                   |                                |
|-------------------|--------------------------------|
| Waste Class:      | 266                            |
| Waste Class Desc: | PHENOLIC WASTES                |
| Waste Class:      | 312                            |
| Waste Class Desc: | PATHOLOGICAL WASTES            |
| Waste Class:      | 221                            |
| Waste Class Desc: | LIGHT FUELS                    |
| Waste Class:      | 263                            |
| Waste Class Desc: | ORGANIC LABORATORY CHEMICALS   |
| Waste Class:      | 146                            |
| Waste Class Desc: | OTHER SPECIFIED INORGANICS     |
| Waste Class:      | 261                            |
| Waste Class Desc: | PHARMACEUTICALS                |
| Waste Class:      | 241                            |
| Waste Class Desc: | HALOGENATED SOLVENTS           |
| Waste Class:      | 148                            |
| Waste Class Desc: | INORGANIC LABORATORY CHEMICALS |
| Waste Class:      | 212                            |
| Waste Class Desc: | ALIPHATIC SOLVENTS             |
| Waste Class:      | 122                            |
| Waste Class Desc: | ALKALINE WASTES - OTHER METALS |

|                    |           |          |              |   |                      |
|--------------------|-----------|----------|--------------|---|----------------------|
| <a href="#">14</a> | 2 of 3    | SW/199.5 | 89.9 / -1.00 | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K1L1 | GEN                  |
| Generator No:      | ON9217662 |          |              | PO Box No:  |                      |
| Status:            |           |          |              | Country:  | Canada               |
| Approval Years:    | 2015      |          |              | Choice of Contact:                                      | CO_ADMIN             |
| Contam. Facility:  | No        |          |              | Co Admin:   | Carolyn James        |
| MHSW Facility:     | No        |          |              | Phone No Admin:   | 613-723-5757 Ext.261 |
| SIC Code:          | 541720    |          |              |   |                      |

| Map Key | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

**SIC Description:** RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES

**Detail(s)**

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

**Waste Class:** 261  
**Waste Class Desc:** PHARMACEUTICALS

**Waste Class:** 266  
**Waste Class Desc:** PHENOLIC WASTES

**Waste Class:** 241  
**Waste Class Desc:** HALOGENATED SOLVENTS

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 122  
**Waste Class Desc:** ALKALINE WASTES - OTHER METALS

**Waste Class:** 312  
**Waste Class Desc:** PATHOLOGICAL WASTES

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 263  
**Waste Class Desc:** ORGANIC LABORATORY CHEMICALS

|                    |        |          |              |   |     |
|--------------------|--------|----------|--------------|---|-----|
| <a href="#">14</a> | 3 of 3 | SW/199.5 | 89.9 / -1.00 | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K1L1 | GEN |
|--------------------|--------|----------|--------------|---|-----|

|                          |  |                           |                      |
|--------------------------|--|---------------------------|----------------------|
| <b>Generator No:</b>     | ON9217662  | <b>PO Box No:</b>         |                      |
| <b>Status:</b>           |  | <b>Country:</b>           | Canada               |
| <b>Approval Years:</b>   | 2014   | <b>Choice of Contact:</b> | CO_ADMIN             |
| <b>Contam. Facility:</b> | No   | <b>Co Admin:</b>          | Carolyn James        |
| <b>MHSW Facility:</b>    | No   | <b>Phone No Admin:</b>    | 613-723-5757 Ext.261 |
| <b>SIC Code:</b>         | 541720   |                           |                      |
| <b>SIC Description:</b>  | RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES |                           |                      |

**Detail(s)**

**Waste Class:** 263  
**Waste Class Desc:** ORGANIC LABORATORY CHEMICALS

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

**Waste Class:** 312  
**Waste Class Desc:** PATHOLOGICAL WASTES

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS



| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 122                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | ALKALINE WASTES - OTHER METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 241                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | HALOGENATED SOLVENTS           |                  |      |    |
| <b>Waste Class:</b>      |                   | 261                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHARMACEUTICALS                |                  |      |    |
| <b>Waste Class:</b>      |                   | 266                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHENOLIC WASTES                |                  |      |    |

|                              |  |           |             |   |       |
|------------------------------|--|-----------|-------------|---|-------|
| <a href="#"><u>15</u></a>    | 1 of 1   | SSE/200.3 | 92.2 / 1.31 | PRIVATE RESIDENCE<br>132 RUTHERFORD CRT. FURNACE OIL TANK<br>KANATA CITY ON K2K 1N6 | SPL   |
| <b>Ref No:</b>               | 94343  |           |             | <b>Discharger Report:</b>   |       |
| <b>Site No:</b>              |  |           |             | <b>Material Group:</b>  |       |
| <b>Incident Dt:</b>          | 1/1/1993   |           |             | <b>Health/Env Conseq:</b>   |       |
| <b>Year:</b>                 |  |           |             | <b>Client Type:</b>   |       |
| <b>Incident Cause:</b>       | UNKNOWN  |           |             | <b>Sector Type:</b>   |       |
| <b>Incident Event:</b>       |  |           |             | <b>Agency Involved:</b>   |       |
| <b>Contaminant Code:</b>     |  |           |             | <b>Nearest Watercourse:</b>   |       |
| <b>Contaminant Name:</b>     |  |           |             | <b>Site Address:</b>  |       |
| <b>Contaminant Limit 1:</b>  |  |           |             | <b>Site District Office:</b>  |       |
| <b>Contam Limit Freq 1:</b>  |  |           |             | <b>Site Postal Code:</b>  |       |
| <b>Contaminant UN No 1:</b>  |  |           |             | <b>Site Region:</b>   |       |
| <b>Environment Impact:</b>   | CONFIRMED  |           |             | <b>Site Municipality:</b>   | 20103 |
| <b>Nature of Impact:</b>     | Soil contamination   |           |             | <b>Site Lot:</b>  |       |
| <b>Receiving Medium:</b>     | LAND   |           |             | <b>Site Conc:</b>   |       |
| <b>Receiving Env:</b>        |  |           |             | <b>Northing:</b>  |       |
| <b>MOE Response:</b>         |  |           |             | <b>Easting:</b>   | MOEE. |
| <b>Dt MOE Arvl on Scn:</b>   |  |           |             | <b>Site Geo Ref Accu:</b>   |       |
| <b>MOE Reported Dt:</b>      | 12/6/1993  |           |             | <b>Site Map Datum:</b>  |       |
| <b>Dt Document Closed:</b>   |  |           |             | <b>SAC Action Class:</b>  |       |
| <b>Incident Reason:</b>      | UNKNOWN  |           |             | <b>Source Type:</b>   |       |
| <b>Site Name:</b>            |  |           |             |   |       |
| <b>Site County/District:</b> |  |           |             |   |       |
| <b>Site Geo Ref Meth:</b>    |  |           |             |   |       |
| <b>Incident Summary:</b>     | PRIVATE: 30L FURNACE OIL SEEPED TO GROUND FROM BASEMENT FLOOR. |           |             |   |       |
| <b>Contaminant Qty:</b>      |  |           |             |   |       |

|                             |                  |           |             |   |    |
|-----------------------------|------------------|-----------|-------------|---|----|
| <a href="#"><u>16</u></a>   | 1 of 2           | SSW/208.4 | 90.9 / 0.00 | DAVID MCKEEN IN TRUST (BEAVERBROOK MALL)<br>BEAVERBROOK RD.<br>KANATA CITY ON | CA |
| <b>Certificate #:</b>       | 3-0402-87-       |           |             |   |    |
| <b>Application Year:</b>    | 87               |           |             |   |    |
| <b>Issue Date:</b>          | 4/10/1987        |           |             |   |    |
| <b>Approval Type:</b>       | Municipal sewage |           |             |   |    |
| <b>Status:</b>              | Approved         |           |             |   |    |
| <b>Application Type:</b>    |                  |           |             |   |    |
| <b>Client Name:</b>         |                  |           |             |   |    |
| <b>Client Address:</b>      |                  |           |             |   |    |
| <b>Client City:</b>         |                  |           |             |   |    |
| <b>Client Postal Code:</b>  |                  |           |             |   |    |
| <b>Project Description:</b> |                  |           |             |   |    |
| <b>Contaminants:</b>        |                  |           |             |   |    |
| <b>Emission Control:</b>    |                  |           |             |   |    |

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|---|-------------------|----------------------------|------------------|---|-----|
| <a href="#">16</a>  | 2 of 2            | SSW/208.4                  | 90.9 / 0.00      | DAVID MCKEEN IN TRUST (BEAVERBROOK MALL)<br>BEAVERBROOK RD.<br>KANATA CITY ON     | CA  |
| <p><b>Certificate #:</b> 7-0328-87-<br/> <b>Application Year:</b> 87<br/> <b>Issue Date:</b> 4/10/1987<br/> <b>Approval Type:</b> Municipal water<br/> <b>Status:</b> Approved<br/> <b>Application Type:</b><br/> <b>Client Name:</b><br/> <b>Client Address:</b><br/> <b>Client City:</b><br/> <b>Client Postal Code:</b><br/> <b>Project Description:</b><br/> <b>Contaminants:</b><br/> <b>Emission Control:</b></p>   |                   |                            |                  |   |     |
| <a href="#">17</a>  | 1 of 15           | SW/210.7                   | 89.9 / -1.00     | BEAVERBROOK MALL<br>2 BEAVERBROOK ROAD<br>KANATA CITY ON K2K 1L1                  | CA  |
| <p><b>Certificate #:</b> 4-0113-94-<br/> <b>Application Year:</b> 94<br/> <b>Issue Date:</b> 10/14/1994<br/> <b>Approval Type:</b> Industrial wastewater<br/> <b>Status:</b> Cancelled<br/> <b>Application Type:</b><br/> <b>Client Name:</b><br/> <b>Client Address:</b><br/> <b>Client City:</b><br/> <b>Client Postal Code:</b><br/> <b>Project Description:</b> BEAVERBROOK MALL OIL/WATER INTERCEPTOR<br/> <b>Contaminants:</b><br/> <b>Emission Control:</b></p>          |                   |                            |                  |   |     |
| <a href="#">17</a>  | 2 of 15           | SW/210.7                   | 89.9 / -1.00     | 2 Beaverbrook Rd<br>Ottawa ON K2K1L1  | EHS |
| <p><b>Order No:</b> 20160121105<br/> <b>Status:</b> C<br/> <b>Report Type:</b> Site Report<br/> <b>Report Date:</b> 22-JAN-16<br/> <b>Date Received:</b> 21-JAN-16<br/> <b>Previous Site Name:</b><br/> <b>Lot/Building Size:</b><br/> <b>Additional Info Ordered:</b> City Directory</p> <p><b>Nearest Intersection:</b><br/> <b>Municipality:</b><br/> <b>Client Prov/State:</b> ON<br/> <b>Search Radius (km):</b> .01<br/> <b>X:</b> -75.90076<br/> <b>Y:</b> 45.328965</p> |                   |                            |                  |   |     |
| <a href="#">17</a>  | 3 of 15           | SW/210.7                   | 89.9 / -1.00     | KANATA CHIROPRACTIC CENTRE 23-507<br>#208 2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1 | GEN |
| <p><b>Generator No:</b> ON1132501<br/> <b>Status:</b><br/> <b>Approval Years:</b> 92,93,94,95,96,97,98<br/> <b>Contam. Facility:</b><br/> <b>MHSW Facility:</b><br/> <b>SIC Code:</b> 8661<br/> <b>SIC Description:</b> CHIRO./OSTEOPATHS</p> <p><b>PO Box No:</b><br/> <b>Country:</b><br/> <b>Choice of Contact:</b><br/> <b>Co Admin:</b><br/> <b>Phone No Admin:</b></p>  |                   |                            |                  |   |     |

| Map Key                  | Number of Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|--------------------------|----------------------|----------------------------|------------------|---|-----|
| <b><u>Detail(s)</u></b>  |                      |                            |                  |   |     |
| <b>Waste Class:</b>      |                      | 264                        |                  |   |     |
| <b>Waste Class Desc:</b> |                      | PHOTOPROCESSING WASTES     |                  |   |     |
| <a href="#">17</a>       | 4 of 15              | SW/210.7                   | 89.9 / -1.00     | KANATA CHIROPRACTIC CENTRE<br>2 BEAVERBROOK ROAD, UNIT 208<br>KANATA ON K2K 1L1 | GEN |
| <b>Generator No:</b>     | ON1132501            |                            |                  | <b>PO Box No:</b>   |     |
| <b>Status:</b>           |                      |                            |                  | <b>Country:</b>   |     |
| <b>Approval Years:</b>   | 99,00,01             |                            |                  | <b>Choice of Contact:</b>   |     |
| <b>Contam. Facility:</b> |                      |                            |                  | <b>Co Admin:</b>  |     |
| <b>MHSW Facility:</b>    |                      |                            |                  | <b>Phone No Admin:</b>  |     |
| <b>SIC Code:</b>         | 8661                 |                            |                  |   |     |
| <b>SIC Description:</b>  | CHIRO./OSTEOPATHS    |                            |                  |   |     |
| <b><u>Detail(s)</u></b>  |                      |                            |                  |   |     |
| <b>Waste Class:</b>      |                      | 264                        |                  |   |     |
| <b>Waste Class Desc:</b> |                      | PHOTOPROCESSING WASTES     |                  |   |     |
| <a href="#">17</a>       | 5 of 15              | SW/210.7                   | 89.9 / -1.00     | DR. MICHAEL HIEL<br>2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1                      | GEN |
| <b>Generator No:</b>     | ON1252800            |                            |                  | <b>PO Box No:</b>   |     |
| <b>Status:</b>           |                      |                            |                  | <b>Country:</b>   |     |
| <b>Approval Years:</b>   | 89                   |                            |                  | <b>Choice of Contact:</b>   |     |
| <b>Contam. Facility:</b> |                      |                            |                  | <b>Co Admin:</b>  |     |
| <b>MHSW Facility:</b>    |                      |                            |                  | <b>Phone No Admin:</b>  |     |
| <b>SIC Code:</b>         | 0008                 |                            |                  |   |     |
| <b>SIC Description:</b>  | EXEMPT               |                            |                  |   |     |
| <b><u>Detail(s)</u></b>  |                      |                            |                  |   |     |
| <a href="#">17</a>       | 6 of 15              | SW/210.7                   | 89.9 / -1.00     | DR. MICHAEL HIEL 12-428<br>2 BEAVERBROOK RD.<br>KANATA ON K2K 1L1               | GEN |
| <b>Generator No:</b>     | ON1252800            |                            |                  | <b>PO Box No:</b>   |     |
| <b>Status:</b>           |                      |                            |                  | <b>Country:</b>   |     |
| <b>Approval Years:</b>   | 92,93,94             |                            |                  | <b>Choice of Contact:</b>   |     |
| <b>Contam. Facility:</b> |                      |                            |                  | <b>Co Admin:</b>  |     |
| <b>MHSW Facility:</b>    |                      |                            |                  | <b>Phone No Admin:</b>  |     |
| <b>SIC Code:</b>         | 0008                 |                            |                  |   |     |
| <b>SIC Description:</b>  | EXEMPT               |                            |                  |   |     |
| <b><u>Detail(s)</u></b>  |                      |                            |                  |   |     |
| <a href="#">17</a>       | 7 of 15              | SW/210.7                   | 89.9 / -1.00     | DAVID MCKEEN<br>2 BEAVERBROOK ROAD<br>KANATA ON K2K 1L1                         | GEN |
| <b>Generator No:</b>     | ON1914100            |                            |                  | <b>PO Box No:</b>   |     |
| <b>Status:</b>           |                      |                            |                  | <b>Country:</b>   |     |
| <b>Approval Years:</b>   | 94,95,96,97,98       |                            |                  | <b>Choice of Contact:</b>   |     |
| <b>Contam. Facility:</b> |                      |                            |                  | <b>Co Admin:</b>  |     |
| <b>MHSW Facility:</b>    |                      |                            |                  | <b>Phone No Admin:</b>  |     |
| <b>SIC Code:</b>         | 4243                 |                            |                  |   |     |
| <b>SIC Description:</b>  | WET HEAT. & AIR CON. |                            |                  |   |     |

**Detail(s)**

| Map Key                  | Number of Records  | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site   | DB  |
|--------------------------|--|--------------------------------|------------------|--|-----|
| <b>Waste Class:</b>      |  | 221                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | LIGHT FUELS                    |                  |  |     |
| <a href="#">17</a>       | 8 of 15  | SW/210.7                       | 89.9 / -1.00     | HOLMES HEATING INC.<br>2 BEAVERBROOK RD<br>KANATA ON K2K 1L1 | GEN |
| <b>Generator No:</b>     | ON7237588  |                                |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |  |                                |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 02,03,04   |                                |                  | <b>Choice of Contact:</b>                                    |     |
| <b>Contam. Facility:</b> |  |                                |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |  |                                |                  | <b>Phone No Admin:</b>                                       |     |
| <b>SIC Code:</b>         |  |                                |                  |  |     |
| <b>SIC Description:</b>  |  |                                |                  |  |     |
| <b><u>Detail(s)</u></b>  |  |                                |                  |  |     |
| <b>Waste Class:</b>      |  | 221                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | LIGHT FUELS                    |                  |  |     |
| <a href="#">17</a>       | 9 of 15  | SW/210.7                       | 89.9 / -1.00     | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K 1L1     | GEN |
| <b>Generator No:</b>     | ON9217662  |                                |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |  |                                |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 2010   |                                |                  | <b>Choice of Contact:</b>                                    |     |
| <b>Contam. Facility:</b> |  |                                |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |  |                                |                  | <b>Phone No Admin:</b>                                       |     |
| <b>SIC Code:</b>         | 541720   |                                |                  |  |     |
| <b>SIC Description:</b>  | Research and Development in the Social Sciences and Humanities |                                |                  |  |     |
| <b><u>Detail(s)</u></b>  |  |                                |                  |  |     |
| <b>Waste Class:</b>      |  | 241                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | HALOGENATED SOLVENTS           |                  |  |     |
| <b>Waste Class:</b>      |  | 266                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | PHENOLIC WASTES                |                  |  |     |
| <b>Waste Class:</b>      |  | 312                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | PATHOLOGICAL WASTES            |                  |  |     |
| <b>Waste Class:</b>      |  | 122                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | ALKALINE WASTES - OTHER METALS |                  |  |     |
| <b>Waste Class:</b>      |  | 261                            |                  |  |     |
| <b>Waste Class Desc:</b> |  | PHARMACEUTICALS                |                  |  |     |
| <a href="#">17</a>       | 10 of 15   | SW/210.7                       | 89.9 / -1.00     | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K 1L1     | GEN |
| <b>Generator No:</b>     | ON9217662  |                                |                  | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |  |                                |                  | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 2011   |                                |                  | <b>Choice of Contact:</b>                                    |     |
| <b>Contam. Facility:</b> |  |                                |                  | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |  |                                |                  | <b>Phone No Admin:</b>                                       |     |
| <b>SIC Code:</b>         | 541720   |                                |                  |  |     |
| <b>SIC Description:</b>  | Research and Development in the Social Sciences and Humanities |                                |                  |  |     |

| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <u>Detail(s)</u>         |                   |                                |                  |      |    |
| <b>Waste Class:</b>      |                   | 241                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | HALOGENATED SOLVENTS           |                  |      |    |
| <b>Waste Class:</b>      |                   | 266                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHENOLIC WASTES                |                  |      |    |
| <b>Waste Class:</b>      |                   | 312                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PATHOLOGICAL WASTES            |                  |      |    |
| <b>Waste Class:</b>      |                   | 261                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHARMACEUTICALS                |                  |      |    |
| <b>Waste Class:</b>      |                   | 122                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | ALKALINE WASTES - OTHER METALS |                  |      |    |

|                          |  |          |              |  |     |
|--------------------------|--|----------|--------------|--|-----|
| <a href="#">17</a>       | 11 of 15   | SW/210.7 | 89.9 / -1.00 | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON K2K 1L1 | GEN |
| <b>Generator No:</b>     | ON9217662  |          |              | <b>PO Box No:</b>  |     |
| <b>Status:</b>           |  |          |              | <b>Country:</b>  |     |
| <b>Approval Years:</b>   | 2012   |          |              | <b>Choice of Contact:</b>                                |     |
| <b>Contam. Facility:</b> |  |          |              | <b>Co Admin:</b>   |     |
| <b>MHSW Facility:</b>    |  |          |              | <b>Phone No Admin:</b>                                   |     |
| <b>SIC Code:</b>         | 541720   |          |              |  |     |
| <b>SIC Description:</b>  | Research and Development in the Social Sciences and Humanities |          |              |  |     |

|                          |  |                                |  |  |  |
|--------------------------|--|--------------------------------|--|--|--|
| <u>Detail(s)</u>         |  |                                |  |  |  |
| <b>Waste Class:</b>      |  | 122                            |  |  |  |
| <b>Waste Class Desc:</b> |  | ALKALINE WASTES - OTHER METALS |  |  |  |
| <b>Waste Class:</b>      |  | 312                            |  |  |  |
| <b>Waste Class Desc:</b> |  | PATHOLOGICAL WASTES            |  |  |  |
| <b>Waste Class:</b>      |  | 241                            |  |  |  |
| <b>Waste Class Desc:</b> |  | HALOGENATED SOLVENTS           |  |  |  |
| <b>Waste Class:</b>      |  | 261                            |  |  |  |
| <b>Waste Class Desc:</b> |  | PHARMACEUTICALS                |  |  |  |
| <b>Waste Class:</b>      |  | 266                            |  |  |  |
| <b>Waste Class Desc:</b> |  | PHENOLIC WASTES                |  |  |  |

|                          |  |          |              |  |     |
|--------------------------|--|----------|--------------|--|-----|
| <a href="#">17</a>       | 12 of 15   | SW/210.7 | 89.9 / -1.00 | DNA Genotek Inc<br>2 Beaverbrook rd<br>Kanata ON | GEN |
| <b>Generator No:</b>     | ON9217662  |          |              | <b>PO Box No:</b>                                |     |
| <b>Status:</b>           |  |          |              | <b>Country:</b>                                  |     |
| <b>Approval Years:</b>   | 2013   |          |              | <b>Choice of Contact:</b>                        |     |
| <b>Contam. Facility:</b> |  |          |              | <b>Co Admin:</b>                                 |     |
| <b>MHSW Facility:</b>    |  |          |              | <b>Phone No Admin:</b>                           |     |
| <b>SIC Code:</b>         | 541720   |          |              |  |     |
| <b>SIC Description:</b>  | RESEARCH AND DEVELOPMENT IN THE SOCIAL SCIENCES AND HUMANITIES |          |              |  |     |

|                          |  |                     |  |  |  |
|--------------------------|--|---------------------|--|--|--|
| <u>Detail(s)</u>         |  |                     |  |  |  |
| <b>Waste Class:</b>      |  | 312                 |  |  |  |
| <b>Waste Class Desc:</b> |  | PATHOLOGICAL WASTES |  |  |  |

| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 263                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |
| <b>Waste Class:</b>      |                   | 221                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | LIGHT FUELS                    |                  |      |    |
| <b>Waste Class:</b>      |                   | 261                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHARMACEUTICALS                |                  |      |    |
| <b>Waste Class:</b>      |                   | 241                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | HALOGENATED SOLVENTS           |                  |      |    |
| <b>Waste Class:</b>      |                   | 212                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>      |                   | 122                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | ALKALINE WASTES - OTHER METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 266                            |                  |      |    |
| <b>Waste Class Desc:</b> |                   | PHENOLIC WASTES                |                  |      |    |

| <a href="#">17</a>            | 13 of 15  | SW/210.7 | 89.9 / -1.00 | 2 Beaverbrook Road, Ottawa<br>ON | PINC                         |
|-------------------------------|---|----------|--------------|----------------------------------|------------------------------|
| <b>Incident ID:</b>           | 2840352   |          |              | <b>Health Impact:</b>            | No                           |
| <b>Incident No:</b>           | 683490  |          |              | <b>Environment Impact:</b>       | No                           |
| <b>Type:</b>                  | FS-Pipeline Incident  |          |              | <b>Property Damage:</b>          | Yes                          |
| <b>Status Code:</b>           | Pipeline Damage Reason Est  |          |              | <b>Service Interrupt:</b>        | Yes                          |
| <b>Fuel Occurrence Tp:</b>    | Pipeline Strike   |          |              | <b>Enforce Policy:</b>           | Yes                          |
| <b>Fuel Type:</b>             | Natural Gas   |          |              | <b>Public Relation:</b>          | No                           |
| <b>Tank Status:</b>           | RC Established  |          |              | <b>Pipeline System:</b>          |                              |
| <b>Task No:</b>               | 3532971   |          |              | <b>Depth:</b>                    | 20                           |
| <b>Spills Action Centre:</b>  |   |          |              | <b>Pipe Material:</b>            | Steel                        |
| <b>Method Details:</b>        | E-mail  |          |              | <b>PSIG:</b>                     |                              |
| <b>Fuel Category:</b>         | Natural Gas   |          |              | <b>Attribute Category:</b>       | FS-Perform P-line Inc Invest |
| <b>Date of Occurrence:</b>    | 10/24/2011 0:00   |          |              | <b>Regulator Location:</b>       | Outside                      |
| <b>Occurrence Start Date:</b> | 2011/11/07  |          |              |                                  |                              |
| <b>Operation Type:</b>        | Construction Site (pipeline strike)   |          |              |                                  |                              |
| <b>Pipeline Type:</b>         | Service / Riser Distribution Pipeline   |          |              |                                  |                              |
| <b>Regulator Type:</b>        | District Station Regulator (> 60 psi intake)  |          |              |                                  |                              |
| <b>Summary:</b>               | 2 Beaverbrook Road, Ottawa - 3/4" Pipeline Hit  |          |              |                                  |                              |
| <b>Reported By:</b>           | Couvillon, Sylvain - Enbridge   |          |              |                                  |                              |
| <b>Affiliation:</b>           | Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) |          |              |                                  |                              |
| <b>Occurrence Desc:</b>       | sewer and water   |          |              |                                  |                              |
| <b>Damage Reason:</b>         | Excavation practices not sufficient   |          |              |                                  |                              |
| <b>Notes:</b>                 | debris fell and severed steel pipe  |          |              |                                  |                              |

| <a href="#">17</a>       | 14 of 15                                   | SW/210.7 | 89.9 / -1.00 | DNA Genotek Inc.<br>2 Beaverbrook Rd<br>Kanata ON K2K 1L1 | SCT |
|--------------------------|--|----------|--------------|---|-----|
| <b>Established:</b>      | 01-JAN-98                                  |          |              |   |     |
| <b>Plant Size (ft²):</b> | 30000                                      |          |              |   |     |
| <b>Employment:</b>       |  |          |              |   |     |
| <b>--Details--</b>       |  |          |              |   |     |
| <b>Description:</b>      | Pharmaceutical and Medicine Manufacturing  |          |              |   |     |
| <b>SIC/NAICS Code:</b>   | 325410                                     |          |              |   |     |
| <b>Description:</b>      | Other Basic Organic Chemical Manufacturing |          |              |   |     |
| <b>SIC/NAICS Code:</b>   | 325190                                     |          |              |   |     |

| Map Key                      | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB                          |
|------------------------------|---|----------------------------|------------------|--|-----------------------------|
| <a href="#">17</a>           | 15 of 15  | SW/210.7                   | 89.9 / -1.00     | TRANSPORT TRUCK<br>2 BEAVERBROOKE MOTOR VEHICLE<br>(OPERATING FLUID)<br>OTTAWA CITY ON | SPL                         |
| <b>Ref No:</b>               | 223262  |                            |                  | <b>Discharger Report:</b>  |                             |
| <b>Site No:</b>              |   |                            |                  | <b>Material Group:</b>   |                             |
| <b>Incident Dt:</b>          | 3/14/2002   |                            |                  | <b>Health/Env Conseq:</b>  |                             |
| <b>Year:</b>                 |   |                            |                  | <b>Client Type:</b>  |                             |
| <b>Incident Cause:</b>       | OTHER CONTAINER LEAK  |                            |                  | <b>Sector Type:</b>  |                             |
| <b>Incident Event:</b>       |   |                            |                  | <b>Agency Involved:</b>  |                             |
| <b>Contaminant Code:</b>     |   |                            |                  | <b>Nearest Watercourse:</b>  |                             |
| <b>Contaminant Name:</b>     |   |                            |                  | <b>Site Address:</b>   |                             |
| <b>Contaminant Limit 1:</b>  |   |                            |                  | <b>Site District Office:</b>   |                             |
| <b>Contam Limit Freq 1:</b>  |   |                            |                  | <b>Site Postal Code:</b>   |                             |
| <b>Contaminant UN No 1:</b>  |   |                            |                  | <b>Site Region:</b>  |                             |
| <b>Environment Impact:</b>   | POSSIBLE  |                            |                  | <b>Site Municipality:</b>  | 20107                       |
| <b>Nature of Impact:</b>     | Soil contamination  |                            |                  | <b>Site Lot:</b>   |                             |
| <b>Receiving Medium:</b>     | LAND  |                            |                  | <b>Site Conc:</b>  |                             |
| <b>Receiving Env:</b>        |   |                            |                  | <b>Northing:</b>   |                             |
| <b>MOE Response:</b>         |   |                            |                  | <b>Easting:</b>  |                             |
| <b>Dt MOE Arvl on Scn:</b>   |   |                            |                  | <b>Site Geo Ref Accu:</b>  |                             |
| <b>MOE Reported Dt:</b>      | 3/14/2002   |                            |                  | <b>Site Map Datum:</b>   |                             |
| <b>Dt Document Closed:</b>   |   |                            |                  | <b>SAC Action Class:</b>   |                             |
| <b>Incident Reason:</b>      | EQUIPMENT FAILURE   |                            |                  | <b>Source Type:</b>  |                             |
| <b>Site Name:</b>            |   |                            |                  |  |                             |
| <b>Site County/District:</b> |   |                            |                  |  |                             |
| <b>Site Geo Ref Meth:</b>    |   |                            |                  |  |                             |
| <b>Incident Summary:</b>     | PROSHRED TRUCK: 120L HYDRAULIC OIL TO PARKING LOT, CLEANING |                            |                  |  |                             |
| <b>Contaminant Qty:</b>      |   |                            |                  |  |                             |
| <a href="#">18</a>           | 1 of 1  | ESE/210.9                  | 92.9 / 2.00      | 25 Rutherford Cres., Kanata<br>Ottawa ON   | SPL                         |
| <b>Ref No:</b>               | 1705-AL7QXR   |                            |                  | <b>Discharger Report:</b>  |                             |
| <b>Site No:</b>              |   |                            |                  | <b>Material Group:</b>   |                             |
| <b>Incident Dt:</b>          | 4/7/2017  |                            |                  | <b>Health/Env Conseq:</b>  | 0 - No Impact               |
| <b>Year:</b>                 |   |                            |                  | <b>Client Type:</b>  |                             |
| <b>Incident Cause:</b>       |   |                            |                  | <b>Sector Type:</b>  | Unknown / N/A               |
| <b>Incident Event:</b>       | Leak/Break  |                            |                  | <b>Agency Involved:</b>  |                             |
| <b>Contaminant Code:</b>     | 13  |                            |                  | <b>Nearest Watercourse:</b>  |                             |
| <b>Contaminant Name:</b>     | FURNACE OIL   |                            |                  | <b>Site Address:</b>   | 25 Rutherford Cres., Kanata |
| <b>Contaminant Limit 1:</b>  |   |                            |                  | <b>Site District Office:</b>   | Ottawa                      |
| <b>Contam Limit Freq 1:</b>  |   |                            |                  | <b>Site Postal Code:</b>   |                             |
| <b>Contaminant UN No 1:</b>  | 1202  |                            |                  | <b>Site Region:</b>  | Eastern                     |
| <b>Environment Impact:</b>   |   |                            |                  | <b>Site Municipality:</b>  | Ottawa                      |
| <b>Nature of Impact:</b>     |   |                            |                  | <b>Site Lot:</b>   |                             |
| <b>Receiving Medium:</b>     |   |                            |                  | <b>Site Conc:</b>  |                             |
| <b>Receiving Env:</b>        | Land  |                            |                  | <b>Northing:</b>   |                             |
| <b>MOE Response:</b>         |   |                            |                  | <b>Easting:</b>  |                             |
| <b>Dt MOE Arvl on Scn:</b>   |   |                            |                  | <b>Site Geo Ref Accu:</b>  |                             |
| <b>MOE Reported Dt:</b>      | 4/7/2017  |                            |                  | <b>Site Map Datum:</b>   |                             |
| <b>Dt Document Closed:</b>   |   |                            |                  | <b>SAC Action Class:</b>   |                             |
| <b>Incident Reason:</b>      | Equipment Failure   |                            |                  | <b>Source Type:</b>  | Tank - Indoors              |
| <b>Site Name:</b>            | Private Residence<UNOFFICIAL>                               |                            |                  |  |                             |
| <b>Site County/District:</b> |   |                            |                  |  |                             |
| <b>Site Geo Ref Meth:</b>    |   |                            |                  |  |                             |
| <b>Incident Summary:</b>     | TSSA FSB: 2L furnace oil to basement                        |                            |                  |  |                             |
| <b>Contaminant Qty:</b>      | 3 L   |                            |                  |  |                             |



| Map Key                  | Number of Records | Direction/<br>Distance (m)                         | Elev/Diff<br>(m) | Site   | DB   |
|--------------------------|-------------------|--|------------------|--|------|
| <a href="#">19</a>       | 1 of 4            | S/216.8  | 91.0 / 0.14      | FIFTY-FIVE PLUS<br>3 BEAVERBROOK RD<br>KANATA ON K2K 1L2             | SCT  |
| <b>Established:</b>      |                   | 1988   |                  |  |      |
| <b>Plant Size (ft²):</b> |                   | 0  |                  |  |      |
| <b>Employment:</b>       |                   | 0  |                  |  |      |
| <b>--Details--</b>       |                   |  |                  |  |      |
| <b>Description:</b>      |                   | Periodical Publishers                              |                  |  |      |
| <b>SIC/NAICS Code:</b>   |                   | 511120   |                  |  |      |
| <a href="#">19</a>       | 2 of 4            | S/216.8  | 91.0 / 0.14      | THE KANATA KOURIER-STANDARD<br>3 BEAVERBROOK RD<br>KANATA ON K2K 1L2 | SCT  |
| <b>Established:</b>      |                   | 1989   |                  |  |      |
| <b>Plant Size (ft²):</b> |                   | 1460   |                  |  |      |
| <b>Employment:</b>       |                   | 10   |                  |  |      |
| <b>--Details--</b>       |                   |  |                  |  |      |
| <b>Description:</b>      |                   | NEWSPAPERS: PUBLISHING, OR PUBLISHING AND PRINTING |                  |  |      |
| <b>SIC/NAICS Code:</b>   |                   | 2711   |                  |  |      |
| <b>Description:</b>      |                   | Newspaper Publishers                               |                  |  |      |
| <b>SIC/NAICS Code:</b>   |                   | 511110   |                  |  |      |
| <a href="#">19</a>       | 3 of 4            | S/216.8  | 91.0 / 0.14      | KANATA KOURIER-STANDARD<br>3 BEAVERBROOK RD<br>KANATA ON K2K 1L2     | SCT  |
| <b>Established:</b>      |                   | 0000   |                  |  |      |
| <b>Plant Size (ft²):</b> |                   | 0  |                  |  |      |
| <b>Employment:</b>       |                   | 12   |                  |  |      |
| <b>--Details--</b>       |                   |  |                  |  |      |
| <b>Description:</b>      |                   | NEWSPAPERS: PUBLISHING, OR PUBLISHING AND PRINTING |                  |  |      |
| <b>SIC/NAICS Code:</b>   |                   | 2711   |                  |  |      |
| <a href="#">19</a>       | 4 of 4            | S/216.8  | 91.0 / 0.14      | Coyle Publishing Inc.<br>3 Beaverbrook Rd<br>Kanata ON K2K 1L2       | SCT  |
| <b>Established:</b>      |                   | 1988   |                  |  |      |
| <b>Plant Size (ft²):</b> |                   | 1000   |                  |  |      |
| <b>Employment:</b>       |                   | 6  |                  |  |      |
| <b>--Details--</b>       |                   |  |                  |  |      |
| <b>Description:</b>      |                   | Periodical Publishers                              |                  |  |      |
| <b>SIC/NAICS Code:</b>   |                   | 511120   |                  |  |      |
| <a href="#">20</a>       | 1 of 2            | SW/230.9   | 89.9 / -1.00     | Pembroke ON  | EMHE |

| Map Key                | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                 | DB   |
|------------------------|---|----------------------------|------------------|----------------------|--|
| <b>OGF ID:</b>         | 70419270  |                            |                  | <b>Data Ref:</b>     | MNR HIRA Main Document July 2005<br>Environment Canada, Atmospheric Hazards-<br>Ontario Region |
| <b>Event No:</b>       | 1   |                            |                  | <b>District:</b>     | Pembroke   |
| <b>Event Type:</b>     | Flood   |                            |                  | <b>Accuracy:</b>     | Within 100 metres  |
| <b>Event Year:</b>     | 2004  |                            |                  | <b>Geo Upd Date:</b> |  |
| <b>Evacuation:</b>     | Yes   |                            |                  | <b>Point X:</b>      | -75.90147  |
| <b>Effective Date:</b> | 20101014  |                            |                  | <b>Point Y:</b>      | 45.32906   |
| <b>Event Desc:</b>     | Ottawa R.- LaPasse - Hurricane Frances caused record rainfall in Ottawa. Fifty families in Kanata were evacuated. Launching facilities submerged, some buildings impacted. Parts of Highway 401 came under water. One school district cancelled ... |                            |                  |                      |  |

|                        |   |                 |                     |                      |                   |
|------------------------|---|-----------------|---------------------|----------------------|-------------------|
| <b>20</b>              | <b>2 of 2</b>   | <b>SW/230.9</b> | <b>89.9 / -1.00</b> | <b>Kemptville ON</b> | <b>EMHE</b>       |
| <b>OGF ID:</b>         | 70419258  |                 |                     | <b>Data Ref:</b>     |                   |
| <b>Event No:</b>       | 1   |                 |                     | <b>District:</b>     | Kemptville        |
| <b>Event Type:</b>     | Flood   |                 |                     | <b>Accuracy:</b>     | Within 100 metres |
| <b>Event Year:</b>     | 2009  |                 |                     | <b>Geo Upd Date:</b> |                   |
| <b>Evacuation:</b>     | No  |                 |                     | <b>Point X:</b>      | -75.90147         |
| <b>Effective Date:</b> | 20101014  |                 |                     | <b>Point Y:</b>      | 45.32906          |
| <b>Event Desc:</b>     | In late July, parts of Kanata, Glen Cairne and Stittsville were flooded as a result of heavy rains. Over 550 homes were affected. Many of the same homes were flooded in 1996 and 2002. |                 |                     |                      |                   |

|                                     |                          |                  |                    |                           |                                |
|-------------------------------------|--------------------------|------------------|--------------------|---------------------------|--------------------------------|
| <b>21</b>                           | <b>1 of 2</b>            | <b>ESE/239.4</b> | <b>92.9 / 2.03</b> | <b>KANATA ON</b>          | <b>WWIS</b>                    |
| <b>Well ID:</b>                     | 7286296                  |                  |                    | <b>Data Entry Status:</b> |                                |
| <b>Construction Date:</b>           |                          |                  |                    | <b>Data Src:</b>          |                                |
| <b>Primary Water Use:</b>           | Test Hole                |                  |                    | <b>Date Received:</b>     | 5/11/2017                      |
| <b>Sec. Water Use:</b>              | Monitoring               |                  |                    | <b>Selected Flag:</b>     | Yes                            |
| <b>Final Well Status:</b>           | Monitoring and Test Hole |                  |                    | <b>Abandonment Rec:</b>   |                                |
| <b>Water Type:</b>                  |                          |                  |                    | <b>Contractor:</b>        | 7241                           |
| <b>Casing Material:</b>             |                          |                  |                    | <b>Form Version:</b>      | 7                              |
| <b>Audit No:</b>                    | Z238086                  |                  |                    | <b>Owner:</b>             |                                |
| <b>Tag:</b>                         | A190035                  |                  |                    | <b>Street Name:</b>       | 25 RUTHERFORD CRES             |
| <b>Construction Method:</b>         |                          |                  |                    | <b>County:</b>            | OTTAWA-CARLETON                |
| <b>Elevation (m):</b>               |                          |                  |                    | <b>Municipality:</b>      | MARCH TOWNSHIP                 |
| <b>Elevation Reliability:</b>       |                          |                  |                    | <b>Site Info:</b>         |                                |
| <b>Depth to Bedrock:</b>            |                          |                  |                    | <b>Lot:</b>               |                                |
| <b>Well Depth:</b>                  |                          |                  |                    | <b>Concession:</b>        |                                |
| <b>Overburden/Bedrock:</b>          |                          |                  |                    | <b>Concession Name:</b>   |                                |
| <b>Pump Rate:</b>                   |                          |                  |                    | <b>Easting NAD83:</b>     |                                |
| <b>Static Water Level:</b>          |                          |                  |                    | <b>Northing NAD83:</b>    |                                |
| <b>Flowing (Y/N):</b>               |                          |                  |                    | <b>Zone:</b>              |                                |
| <b>Flow Rate:</b>                   |                          |                  |                    | <b>UTM Reliability:</b>   |                                |
| <b>Clear/Cloudy:</b>                |                          |                  |                    |                           |                                |
| <b><u>Bore Hole Information</u></b> |                          |                  |                    |                           |                                |
| <b>Bore Hole ID:</b>                | 1006441784               |                  |                    | <b>Elevation:</b>         | 88.933265                      |
| <b>DP2BR:</b>                       |                          |                  |                    | <b>Elevrc:</b>            |                                |
| <b>Spatial Status:</b>              |                          |                  |                    | <b>Zone:</b>              | 18                             |
| <b>Code OB:</b>                     |                          |                  |                    | <b>East83:</b>            | 429760                         |
| <b>Code OB Desc:</b>                |                          |                  |                    | <b>North83:</b>           | 5020001                        |
| <b>Open Hole:</b>                   |                          |                  |                    | <b>Org CS:</b>            | UTM83                          |
| <b>Cluster Kind:</b>                |                          |                  |                    | <b>UTMRC:</b>             | 4                              |
| <b>Date Completed:</b>              | 4/20/2017                |                  |                    | <b>UTMRC Desc:</b>        | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |                          |                  |                    | <b>Location Method:</b>   | wwr                            |
| <b>Elevrc Desc:</b>                 |                          |                  |                    |                           |                                |
| <b>Location Source Date:</b>        |                          |                  |                    |                           |                                |
| <b>Improvement Location Source:</b> |                          |                  |                    |                           |                                |

| <b>Map Key</b>                          | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|---|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <i>Improvement Location Method:</i>     |                          |                                    |                          |             |           |
| <i>Source Revision Comment:</i>         |                          |                                    |                          |             |           |
| <i>Supplier Comment:</i>                |                          |                                    |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>    |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>        |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                    |                          | 1006668739                         |                          |             |           |
| <b>Layer:</b>                           |                          | 1                                  |                          |             |           |
| <b>Color:</b>                           |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                   |                          | GREY                               |                          |             |           |
| <b>Mat1:</b>                            |                          | 05                                 |                          |             |           |
| <b>Most Common Material:</b>            |                          | CLAY                               |                          |             |           |
| <b>Mat2:</b>                            |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                 |                          |                                    |                          |             |           |
| <b>Mat3:</b>                            |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                 |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>             |                          | 0                                  |                          |             |           |
| <b>Formation End Depth:</b>             |                          | 1.82                               |                          |             |           |
| <b>Formation End Depth UOM:</b>         |                          | m                                  |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>    |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>        |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                    |                          | 1006668740                         |                          |             |           |
| <b>Layer:</b>                           |                          | 2                                  |                          |             |           |
| <b>Color:</b>                           |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                   |                          | GREY                               |                          |             |           |
| <b>Mat1:</b>                            |                          | 05                                 |                          |             |           |
| <b>Most Common Material:</b>            |                          | CLAY                               |                          |             |           |
| <b>Mat2:</b>                            |                          |                                    |                          |             |           |
| <b>Other Materials:</b>                 |                          |                                    |                          |             |           |
| <b>Mat3:</b>                            |                          | 91                                 |                          |             |           |
| <b>Other Materials:</b>                 |                          | WATER-BEARING                      |                          |             |           |
| <b>Formation Top Depth:</b>             |                          | 1.82                               |                          |             |           |
| <b>Formation End Depth:</b>             |                          | 3.35                               |                          |             |           |
| <b>Formation End Depth UOM:</b>         |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment</u></b> |                          |                                    |                          |             |           |
| <b><u>Sealing Record</u></b>            |                          |                                    |                          |             |           |
| <b>Plug ID:</b>                         |                          | 1006668748                         |                          |             |           |
| <b>Layer:</b>                           |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>                       |                          | 0                                  |                          |             |           |
| <b>Plug To:</b>                         |                          | 0.31                               |                          |             |           |
| <b>Plug Depth UOM:</b>                  |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment</u></b> |                          |                                    |                          |             |           |
| <b><u>Sealing Record</u></b>            |                          |                                    |                          |             |           |
| <b>Plug ID:</b>                         |                          | 1006668750                         |                          |             |           |
| <b>Layer:</b>                           |                          | 3                                  |                          |             |           |
| <b>Plug From:</b>                       |                          | 1.21                               |                          |             |           |
| <b>Plug To:</b>                         |                          | 3.35                               |                          |             |           |
| <b>Plug Depth UOM:</b>                  |                          | m                                  |                          |             |           |
| <b><u>Annular Space/Abandonment</u></b> |                          |                                    |                          |             |           |
| <b><u>Sealing Record</u></b>            |                          |                                    |                          |             |           |
| <b>Plug ID:</b>                         |                          | 1006668749                         |                          |             |           |
| <b>Layer:</b>                           |                          | 2                                  |                          |             |           |
| <b>Plug From:</b>                       |                          | 0.31                               |                          |             |           |

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| <b>Plug To:</b>                                     |                   | 1.21                       |                  |      |    |
| <b>Plug Depth UOM:</b>                              |                   | m                          |                  |      |    |
| <b><u>Method of Construction &amp; Well Use</u></b> |                   |                            |                  |      |    |
| <b>Method Construction ID:</b>                      |                   |                            |                  |      |    |
| <b>Method Construction Code:</b>                    |                   | D                          |                  |      |    |
| <b>Method Construction:</b>                         |                   | Direct Push                |                  |      |    |
| <b>Other Method Construction:</b>                   |                   |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                      |                   |                            |                  |      |    |
| <b>Pipe ID:</b>                                     |                   | 1006668738                 |                  |      |    |
| <b>Casing No:</b>                                   |                   | 0                          |                  |      |    |
| <b>Comment:</b>                                     |                   |                            |                  |      |    |
| <b>Alt Name:</b>                                    |                   |                            |                  |      |    |
| <b><u>Construction Record - Casing</u></b>          |                   |                            |                  |      |    |
| <b>Casing ID:</b>                                   |                   | 1006668743                 |                  |      |    |
| <b>Layer:</b>                                       |                   | 1                          |                  |      |    |
| <b>Material:</b>                                    |                   | 5                          |                  |      |    |
| <b>Open Hole or Material:</b>                       |                   | PLASTIC                    |                  |      |    |
| <b>Depth From:</b>                                  |                   | 0                          |                  |      |    |
| <b>Depth To:</b>                                    |                   | 1.38                       |                  |      |    |
| <b>Casing Diameter:</b>                             |                   | 3.45                       |                  |      |    |
| <b>Casing Diameter UOM:</b>                         |                   | cm                         |                  |      |    |
| <b>Casing Depth UOM:</b>                            |                   | m                          |                  |      |    |
| <b><u>Construction Record - Screen</u></b>          |                   |                            |                  |      |    |
| <b>Screen ID:</b>                                   |                   | 1006668744                 |                  |      |    |
| <b>Layer:</b>                                       |                   | 1                          |                  |      |    |
| <b>Slot:</b>  |                   | 10                         |                  |      |    |
| <b>Screen Top Depth:</b>                            |                   | 1.38                       |                  |      |    |
| <b>Screen End Depth:</b>                            |                   | 3.35                       |                  |      |    |
| <b>Screen Material:</b>                             |                   | 5                          |                  |      |    |
| <b>Screen Depth UOM:</b>                            |                   | m                          |                  |      |    |
| <b>Screen Diameter UOM:</b>                         |                   | cm                         |                  |      |    |
| <b>Screen Diameter:</b>                             |                   | 4.03                       |                  |      |    |
| <b><u>Hole Diameter</u></b>                         |                   |                            |                  |      |    |
| <b>Hole ID:</b>                                     |                   | 1006668741                 |                  |      |    |
| <b>Diameter:</b>                                    |                   | 5.7                        |                  |      |    |
| <b>Depth From:</b>                                  |                   | 0                          |                  |      |    |
| <b>Depth To:</b>                                    |                   | 3.35                       |                  |      |    |
| <b>Hole Depth UOM:</b>                              |                   | m                          |                  |      |    |
| <b>Hole Diameter UOM:</b>                           |                   | cm                         |                  |      |    |

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2 of 2

ESE/239.4

92.9 / 2.03

KANATA ON

WWIS

**Well ID:** 7292925  
**Construction Date:**  
**Primary Water Use:** Test Hole  
**Sec. Water Use:** Monitoring  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 8/18/2017  
**Selected Flag:** Yes  
**Abandonment Rec:** Yes  
**Contractor:** 7241  
**Form Version:** 7

| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                    | DB                             |
|--|-------------------|----------------------------|------------------|-------------------------|--------------------------------|
| <b>Audit No:</b>                                       | Z247787           |                            |                  | <b>Owner:</b>           |                                |
| <b>Tag:</b>  |                   |                            |                  | <b>Street Name:</b>     | 25 RUTHERFORD ST.              |
| <b>Construction Method:</b>                            |                   |                            |                  | <b>County:</b>          | OTTAWA-CARLETON                |
| <b>Elevation (m):</b>                                  |                   |                            |                  | <b>Municipality:</b>    | MARCH TOWNSHIP                 |
| <b>Elevation Reliability:</b>                          |                   |                            |                  | <b>Site Info:</b>       |                                |
| <b>Depth to Bedrock:</b>                               |                   |                            |                  | <b>Lot:</b>             |                                |
| <b>Well Depth:</b>                                     |                   |                            |                  | <b>Concession:</b>      |                                |
| <b>Overburden/Bedrock:</b>                             |                   |                            |                  | <b>Concession Name:</b> |                                |
| <b>Pump Rate:</b>                                      |                   |                            |                  | <b>Easting NAD83:</b>   |                                |
| <b>Static Water Level:</b>                             |                   |                            |                  | <b>Northing NAD83:</b>  |                                |
| <b>Flowing (Y/N):</b>                                  |                   |                            |                  | <b>Zone:</b>            |                                |
| <b>Flow Rate:</b>                                      |                   |                            |                  | <b>UTM Reliability:</b> |                                |
| <b>Clear/Cloudy:</b>                                   |                   |                            |                  |                         |                                |
| <b><u>Bore Hole Information</u></b>                    |                   |                            |                  |                         |                                |
| <b>Bore Hole ID:</b>                                   | 1006711045        |                            |                  | <b>Elevation:</b>       | 88.933265                      |
| <b>DP2BR:</b>  |                   |                            |                  | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>                                 |                   |                            |                  | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>  |                   |                            |                  | <b>East83:</b>          | 429760                         |
| <b>Code OB Desc:</b>                                   |                   |                            |                  | <b>North83:</b>         | 5020001                        |
| <b>Open Hole:</b>                                      |                   |                            |                  | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                                   |                   |                            |                  | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>                                 | 6/2/2017          |                            |                  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>  |                   |                            |                  | <b>Location Method:</b> | wwr                            |
| <b>Elevrc Desc:</b>                                    |                   |                            |                  |                         |                                |
| <b>Location Source Date:</b>                           |                   |                            |                  |                         |                                |
| <b>Improvement Location Source:</b>                    |                   |                            |                  |                         |                                |
| <b>Improvement Location Method:</b>                    |                   |                            |                  |                         |                                |
| <b>Source Revision Comment:</b>                        |                   |                            |                  |                         |                                |
| <b>Supplier Comment:</b>                               |                   |                            |                  |                         |                                |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |                            |                  |                         |                                |
| <b>Plug ID:</b>  | 1006843315        |                            |                  |                         |                                |
| <b>Layer:</b>  | 1                 |                            |                  |                         |                                |
| <b>Plug From:</b>                                      | 0                 |                            |                  |                         |                                |
| <b>Plug To:</b>  | 0.31              |                            |                  |                         |                                |
| <b>Plug Depth UOM:</b>                                 | m                 |                            |                  |                         |                                |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |                            |                  |                         |                                |
| <b>Plug ID:</b>  | 1006843317        |                            |                  |                         |                                |
| <b>Layer:</b>  | 3                 |                            |                  |                         |                                |
| <b>Plug From:</b>                                      | 1.5               |                            |                  |                         |                                |
| <b>Plug To:</b>  | 3.35              |                            |                  |                         |                                |
| <b>Plug Depth UOM:</b>                                 | m                 |                            |                  |                         |                                |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |                            |                  |                         |                                |
| <b>Plug ID:</b>  | 1006843316        |                            |                  |                         |                                |
| <b>Layer:</b>  | 2                 |                            |                  |                         |                                |
| <b>Plug From:</b>                                      | 0.31              |                            |                  |                         |                                |
| <b>Plug To:</b>  | 1.5               |                            |                  |                         |                                |
| <b>Plug Depth UOM:</b>                                 | m                 |                            |                  |                         |                                |
| <b><u>Pipe Information</u></b>                         |                   |                            |                  |                         |                                |
| <b>Pipe ID:</b>  | 1006843306        |                            |                  |                         |                                |

| Map Key | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------|-------------------|----------------------------|------------------|------|----|
|---------|-------------------|----------------------------|------------------|------|----|

Casing No: 0  
 Comment:  
 Alt Name:

**Construction Record - Casing**

Casing ID: 1006843310  
 Layer: 1  
 Material: 5  
 Open Hole or Material: PLASTIC  
 Depth From:  
 Depth To:  
 Casing Diameter: 3.45  
 Casing Diameter UOM: cm  
 Casing Depth UOM: m

**Construction Record - Screen**

Screen ID: 1006843311  
 Layer: 1  
 Slot:  
 Screen Top Depth:  
 Screen End Depth:  
 Screen Material: 5  
 Screen Depth UOM: m  
 Screen Diameter UOM: cm  
 Screen Diameter: 4.21

**Hole Diameter**

Hole ID: 1006843308  
 Diameter:  
 Depth From:  
 Depth To:  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

[22](#)    1 of 1    **E/240.9**    **91.9 / 1.00**    **lot 4 con 4 ON**    **WWIS**

|                        |              |                    |                 |
|------------------------|--------------|--------------------|-----------------|
| Well ID:               | 1528608      | Data Entry Status: |                 |
| Construction Date:     |              | Data Src:          | 1               |
| Primary Water Use:     | Domestic     | Date Received:     | 8/28/1995       |
| Sec. Water Use:        |              | Selected Flag:     | Yes             |
| Final Well Status:     | Water Supply | Abandonment Rec:   |                 |
| Water Type:            |              | Contractor:        | 5222            |
| Casing Material:       |              | Form Version:      | 1               |
| Audit No:              | 152986       | Owner:             |                 |
| Tag:                   |              | Street Name:       |                 |
| Construction Method:   |              | County:            | OTTAWA-CARLETON |
| Elevation (m):         |              | Municipality:      | MARCH TOWNSHIP  |
| Elevation Reliability: |              | Site Info:         |                 |
| Depth to Bedrock:      |              | Lot:               | 004             |
| Well Depth:            |              | Concession:        | 04              |
| Overburden/Bedrock:    |              | Concession Name:   | CON             |
| Pump Rate:             |              | Easting NAD83:     |                 |
| Static Water Level:    |              | Northing NAD83:    |                 |
| Flowing (Y/N):         |              | Zone:              |                 |
| Flow Rate:             |              | UTM Reliability:   |                 |
| Clear/Cloudy:          |              |                    |                 |

**Bore Hole Information**

| Map Key                             | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site                    | DB          |
|-------------------------------------|-------------------|-------------------------|---------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10050144          |                         |               | <b>Elevation:</b>       | 87.866676   |
| <b>DP2BR:</b>                       | 14                |                         |               | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |                   |                         |               | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     | r                 |                         |               | <b>East83:</b>          | 429767.6    |
| <b>Code OB Desc:</b>                | Bedrock           |                         |               | <b>North83:</b>         | 5020078     |
| <b>Open Hole:</b>                   |                   |                         |               | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |                   |                         |               | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 11/17/1994        |                         |               | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |                   |                         |               | <b>Location Method:</b> | lot         |
| <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>            | 931070211 |
| <b>Layer:</b>                   | 2         |
| <b>Color:</b>                   | 2         |
| <b>General Color:</b>           | GREY      |
| <b>Mat1:</b>                    | 05        |
| <b>Most Common Material:</b>    | CLAY      |
| <b>Mat2:</b>                    | 66        |
| <b>Other Materials:</b>         | DENSE     |
| <b>Mat3:</b>                    |           |
| <b>Other Materials:</b>         |           |
| <b>Formation Top Depth:</b>     | 8         |
| <b>Formation End Depth:</b>     | 14        |
| <b>Formation End Depth UOM:</b> | ft        |

**Overburden and Bedrock Materials Interval**

|                                 |           |
|---------------------------------|-----------|
| <b>Formation ID:</b>            | 931070212 |
| <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>                    | 73        |
| <b>Other Materials:</b>         | HARD      |
| <b>Mat3:</b>                    |           |
| <b>Other Materials:</b>         |           |
| <b>Formation Top Depth:</b>     | 14        |
| <b>Formation End Depth:</b>     | 75        |
| <b>Formation End Depth UOM:</b> | ft        |

**Overburden and Bedrock Materials Interval**

|                              |           |
|------------------------------|-----------|
| <b>Formation ID:</b>         | 931070210 |
| <b>Layer:</b>                | 1         |
| <b>Color:</b>                | 6         |
| <b>General Color:</b>        | BROWN     |
| <b>Mat1:</b>                 | 05        |
| <b>Most Common Material:</b> | CLAY      |
| <b>Mat2:</b>                 | 79        |
| <b>Other Materials:</b>      | PACKED    |
| <b>Mat3:</b>                 |           |



| <b>Map Key</b>   | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Other Materials:</b>                                |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                            | 0                        |                                    |                          |             |           |
| <b>Formation End Depth:</b>                            | 8                        |                                    |                          |             |           |
| <b>Formation End Depth UOM:</b>                        | ft                       |                                    |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  | 933113525                |                                    |                          |             |           |
| <b>Layer:</b>  | 1                        |                                    |                          |             |           |
| <b>Plug From:</b>                                      | 0                        |                                    |                          |             |           |
| <b>Plug To:</b>  | 20                       |                                    |                          |             |           |
| <b>Plug Depth UOM:</b>                                 | ft                       |                                    |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                         |                          |                                    |                          |             |           |
| <b>Method Construction Code:</b>                       | 5                        |                                    |                          |             |           |
| <b>Method Construction:</b>                            | Air Percussion           |                                    |                          |             |           |
| <b>Other Method Construction:</b>                      |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                         |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>  | 10598714                 |                                    |                          |             |           |
| <b>Casing No:</b>                                      | 1                        |                                    |                          |             |           |
| <b>Comment:</b>  |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                       |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                      | 930087647                |                                    |                          |             |           |
| <b>Layer:</b>  | 1                        |                                    |                          |             |           |
| <b>Material:</b>                                       |                          |                                    |                          |             |           |
| <b>Open Hole or Material:</b>                          |                          |                                    |                          |             |           |
| <b>Depth From:</b>                                     |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                       | 22                       |                                    |                          |             |           |
| <b>Casing Diameter:</b>                                | 6                        |                                    |                          |             |           |
| <b>Casing Diameter UOM:</b>                            | inch                     |                                    |                          |             |           |
| <b>Casing Depth UOM:</b>                               | ft                       |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                      | 930087648                |                                    |                          |             |           |
| <b>Layer:</b>  | 2                        |                                    |                          |             |           |
| <b>Material:</b>                                       |                          |                                    |                          |             |           |
| <b>Open Hole or Material:</b>                          |                          |                                    |                          |             |           |
| <b>Depth From:</b>                                     |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                       | 75                       |                                    |                          |             |           |
| <b>Casing Diameter:</b>                                | 6                        |                                    |                          |             |           |
| <b>Casing Diameter UOM:</b>                            | inch                     |                                    |                          |             |           |
| <b>Casing Depth UOM:</b>                               | ft                       |                                    |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>            |                          |                                    |                          |             |           |
| <b>Pump Test ID:</b>                                   | 991528608                |                                    |                          |             |           |
| <b>Pump Set At:</b>                                    |                          |                                    |                          |             |           |
| <b>Static Level:</b>                                   | 8                        |                                    |                          |             |           |
| <b>Final Level After Pumping:</b>                      | 40                       |                                    |                          |             |           |
| <b>Recommended Pump Depth:</b>                         | 40                       |                                    |                          |             |           |
| <b>Pumping Rate:</b>                                   | 15                       |                                    |                          |             |           |

| <b>Map Key</b>                             | <b>Number of Records</b> | <b>Direction/<br/>Distance (m)</b> | <b>Elev/Diff<br/>(m)</b> | <b>Site</b> | <b>DB</b> |
|--|--------------------------|------------------------------------|--------------------------|-------------|-----------|
| <b>Flowing Rate:</b>                       |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>              |                          | 10                                 |                          |             |           |
| <b>Levels UOM:</b>                         |                          | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                           |                          | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>        |                          | 1                                  |                          |             |           |
| <b>Water State After Test:</b>             |                          | CLEAR                              |                          |             |           |
| <b>Pumping Test Method:</b>                |                          | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                |                          | 2                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>               |                          | 0                                  |                          |             |           |
| <b>Flowing:</b>                            |                          | N                                  |                          |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                |                          | 934649309                          |                          |             |           |
| <b>Test Type:</b>                          |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                      |                          | 45                                 |                          |             |           |
| <b>Test Level:</b>                         |                          | 40                                 |                          |             |           |
| <b>Test Level UOM:</b>                     |                          | ft                                 |                          |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                |                          | 934104746                          |                          |             |           |
| <b>Test Type:</b>                          |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                      |                          | 15                                 |                          |             |           |
| <b>Test Level:</b>                         |                          | 40                                 |                          |             |           |
| <b>Test Level UOM:</b>                     |                          | ft                                 |                          |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                |                          | 934388371                          |                          |             |           |
| <b>Test Type:</b>                          |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                      |                          | 30                                 |                          |             |           |
| <b>Test Level:</b>                         |                          | 40                                 |                          |             |           |
| <b>Test Level UOM:</b>                     |                          | ft                                 |                          |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                |                          | 934906491                          |                          |             |           |
| <b>Test Type:</b>                          |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                      |                          | 60                                 |                          |             |           |
| <b>Test Level:</b>                         |                          | 40                                 |                          |             |           |
| <b>Test Level UOM:</b>                     |                          | ft                                 |                          |             |           |
| <br><b><u>Water Details</u></b>            |                          |                                    |                          |             |           |
| <b>Water ID:</b>                           |                          | 933488365                          |                          |             |           |
| <b>Layer:</b>                              |                          | 2                                  |                          |             |           |
| <b>Kind Code:</b>                          |                          | 1                                  |                          |             |           |
| <b>Kind:</b>                               |                          | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                  |                          | 63                                 |                          |             |           |
| <b>Water Found Depth UOM:</b>              |                          | ft                                 |                          |             |           |
| <br><b><u>Water Details</u></b>            |                          |                                    |                          |             |           |
| <b>Water ID:</b>                           |                          | 933488364                          |                          |             |           |
| <b>Layer:</b>                              |                          | 1                                  |                          |             |           |
| <b>Kind Code:</b>                          |                          | 1                                  |                          |             |           |
| <b>Kind:</b>                               |                          | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                  |                          | 45                                 |                          |             |           |
| <b>Water Found Depth UOM:</b>              |                          | ft                                 |                          |             |           |

| Map Key  | Number of Records | Direction/<br>Distance (m)   | Elev/Diff<br>(m) | Site                     | DB   |
|--|-------------------|--|------------------|--------------------------|------|
| <a href="#">23</a>   | 1 of 1            | NNW/246.7  | 90.9 / 0.00      | 22 SELYE CRES, KANATA ON | PINC |
| <b>Incident ID:</b><br><b>Incident No:</b> 1634204<br><b>Type:</b> FS-Pipeline Incident<br><b>Status Code:</b> Pipeline Damage Reason Est<br><b>Fuel Occurrence Tp:</b><br><b>Fuel Type:</b><br><b>Tank Status:</b> Unable to establish RC<br><b>Task No:</b> 5478664<br><b>Spills Action Centre:</b><br><b>Method Details:</b> E-mail<br><b>Fuel Category:</b> Natural Gas<br><b>Date of Occurrence:</b><br><b>Occurrence Start Date:</b> 2015/05/11<br><b>Operation Type:</b><br><b>Pipeline Type:</b><br><b>Regulator Type:</b><br><b>Summary:</b> 22 SELYE CRES, KANATA - PIPELINE HIT 1.25"<br><b>Reported By:</b> Jeff Stiles - Enbridge Gas<br><b>Affiliation:</b><br><b>Occurrence Desc:</b><br><b>Damage Reason:</b> Excavation practices not sufficient<br><b>Notes:</b> |                   | <b>Health Impact:</b><br><b>Environment Impact:</b><br><b>Property Damage:</b> Yes<br><b>Service Interrupt:</b><br><b>Enforce Policy:</b> Yes<br><b>Public Relation:</b><br><b>Pipeline System:</b><br><b>Depth:</b><br><b>Pipe Material:</b><br><b>PSIG:</b><br><b>Attribute Category:</b> FS-Perform P-line Inc Invest<br><b>Regulator Location:</b> |                  |                          |      |

|  |        |  |             |  |     |
|--|--------|--|-------------|--|-----|
| <a href="#">24</a>   | 1 of 2 | ENE/247.5  | 91.9 / 1.00 | NEVON CARE INC. O/A GO PEST CONTROL<br>2 RUTHERFORD CRES<br>KANATA ON K2K1M9 | PES |
| <b>Detail Licence No:</b><br><b>Licence No:</b> 08683<br><b>Status:</b><br><b>Approval Date:</b><br><b>Report Source:</b> Legacy Licenses (Excluding TS)<br><b>Licence Type:</b> Operator<br><b>Licence Type Code:</b> 02<br><b>Licence Class:</b> 01<br><b>Licence Control:</b><br><b>Latitude:</b><br><b>Longitude:</b><br><b>Lot:</b><br><b>Concession:</b><br><b>Region:</b><br><b>District:</b><br><b>County:</b><br><b>Trade Name:</b><br><b>PDF Link:</b> |        | <b>Operator Box:</b><br><b>Operator Class:</b><br><b>Operator No:</b><br><b>Operator Type:</b><br><b>Oper Area Code:</b> 613<br><b>Oper Phone No:</b> 3230076<br><b>Operator Ext:</b><br><b>Operator Lot:</b><br><b>Oper Concession:</b><br><b>Operator Region:</b><br><b>Operator District:</b><br><b>Operator County:</b><br><b>Op Municipality:</b><br><b>Post Office Box:</b><br><b>MOE District:</b><br><b>SWP Area Name:</b> |             |  |     |

|   |        |   |             |  |     |
|---|--------|---|-------------|--|-----|
| <a href="#">24</a>  | 2 of 2 | ENE/247.5   | 91.9 / 1.00 | NEVON CARE INC. O/A GO PEST CONTROL<br>2 RUTHERFORD CRES<br>KANATA ON K2K1M9 | PES |
| <b>Detail Licence No:</b><br><b>Licence No:</b> 08442<br><b>Status:</b><br><b>Approval Date:</b><br><b>Report Source:</b> Legacy Licenses (Excluding TS)<br><b>Licence Type:</b> Operator<br><b>Licence Type Code:</b> 02 |        | <b>Operator Box:</b><br><b>Operator Class:</b><br><b>Operator No:</b><br><b>Operator Type:</b><br><b>Oper Area Code:</b> 613<br><b>Oper Phone No:</b> 3230076<br><b>Operator Ext:</b> |             |  |     |

| <i>Map Key</i>   | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i>   | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|---|-----------|
| <i>Licence Class:</i><br><i>Licence Control:</i><br><i>Latitude:</i><br><i>Longitude:</i><br><i>Lot:</i><br><i>Concession:</i><br><i>Region:</i><br><i>District:</i><br><i>County:</i><br><i>Trade Name:</i><br><i>PDF Link:</i> | 01                       |                                |                      | <i>Operator Lot:</i><br><i>Oper Concession:</i><br><i>Operator Region:</i><br><i>Operator District:</i><br><i>Operator County:</i><br><i>Op Municipality:</i><br><i>Post Office Box:</i><br><i>MOE District:</i><br><i>SWP Area Name:</i> |           |

# Unplottable Summary

Total: **42** Unplottable sites

| DB   | Company Name/Site Name                 | Address  | City           | Postal  |
|------|--|--|----------------|---------|
| CA   | KANATA CITY                            | MARCH RD./TERON RD./SOLANDT RD   | KANATA CITY ON |         |
| CA   | SPENCER & ASSOC. LTD.                  | TERON RD.  | KANATA CITY ON |         |
| CA   | AstenJohnson, Inc.                     | Part of Lot 5, Concession 4  | Ottawa ON      |         |
| CA   | MARC PAVIC                             | LEACOCK DR.  | KANATA CITY ON |         |
| CA   | 3843173 Canada Inc.                    | Iber Road, Lot 5, Part 4/5, Plan 4M-658  | Ottawa ON      |         |
| CA   | KANATA CITY                            | BEAVERBROOK RD.  | KANATA CITY ON |         |
| CONV | IMPERIAL OIL LIMITED                   |  | NORTH YORK ON  |         |
| CONV | IMPERIAL OIL LIMITED                   |  | DON MILLS ON   |         |
| EBR  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA               | ON             |         |
| EBR  | Waste Services Inc.                    | Part of Lots 2, 3 & 4, Concession 4, former Township of Gloucester, now in the City of Ottawa CITY OF OTTAWA | ON             |         |
| ECA  | City of Ottawa                         | Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road   | Ottawa ON      | K1P 1J1 |
| ECA  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3                                     | Ottawa ON      | K0A 1L0 |
| SPL  | APARTMENT BUILDING                     | BEAVER BROOK LANE/LYTLE CREEK. FUEL OIL TANK   | KANATA CITY ON |         |
| SPL  | ESSO PETROLEUM CANADA                  | ESSO DISTRIBUTION STATION BULK STATION   | OTTAWA CITY ON |         |
| SPL  | ESSO AVITAT                            |  | OTTAWA CITY ON |         |
| SPL  | ESSO AVITAT                            |  | OTTAWA CITY ON |         |
| SPL  | ESSO PETROLEUM CANADA                  | BULK STATION   | OTTAWA CITY ON |         |
| SPL  | ESSO PETROLEUM CANADA                  | TANK TRUCK (CARGO)   | OTTAWA CITY ON |         |

|      |  |  |                |         |
|------|--|--|----------------|---------|
| SPL  | ESSO PETROLEUM CANADA                  | TRANSPORT TRUCK (CARGO)  | OTTAWA CITY ON |         |
| WDS  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 | Ottawa ON      | K0A 1L0 |
| WDS  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 | Ottawa ON      | K0A 1L0 |
| WDS  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 | Ottawa ON      | K0A 1L0 |
| WDS  | Waste Management of Canada Corporation | Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 | Ottawa ON      | K0A 1L0 |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | con 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4  | ON             |         |
| WWIS |  | lot 4 con 3  | ON             |         |
| WWIS |  | con 3  | ON             |         |
| WWIS |  | lot 4 con 4  | ON             |         |
| WWIS |  | lot 5  | ON             |         |
| WWIS |  | lot 5  | ON             |         |





# Unplottable Report

---

**Site:** KANATA CITY  
MARCH RD./TERON RD./SOLANDT RD KANATA CITY ON

**Database:**  
CA

**Certificate #:** 3-0506-95-  
**Application Year:** 95  
**Issue Date:** 5/18/1995  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** SPENCER & ASSOC. LTD.  
TERON RD. KANATA CITY ON

**Database:**  
CA

**Certificate #:** 3-2118-87-  
**Application Year:** 87  
**Issue Date:** 11/30/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** AstenJohnson, Inc.  
Part of Lot 5, Concession 4 Ottawa ON

**Database:**  
CA

**Certificate #:** 0841-6EXNWZ  
**Application Year:** 2005  
**Issue Date:** 8/12/2005  
**Approval Type:** Industrial Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MARC PAVIC  
LEACOCK DR. KANATA CITY ON

**Database:**  
CA

**Certificate #:** 3-1054-87-  
**Application Year:** 87

**Issue Date:** 6/20/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** 3843173 Canada Inc.  
Iber Road, Lot 5, Part 4/5, Plan 4M-658 Ottawa ON

**Database:**  
CA

**Certificate #:** 1916-5XEMBL  
**Application Year:** 2004  
**Issue Date:** 4/14/2004  
**Approval Type:** Industrial Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** KANATA CITY  
BEAVERBROOK RD. KANATA CITY ON

**Database:**  
CA

**Certificate #:** 3-1394-92-  
**Application Year:** 92  
**Issue Date:** 10/23/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** IMPERIAL OIL LIMITED  
NORTH YORK ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** FAILED TO INSPECT OIL/WATER SEPARATOR WEEKLY & MAINTAIN LOG BOOK AT SITE  
**Background:**  
**URL:**

**Location:**  
**Region:** EASTERN REGION  
**Ministry District:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 66(3)  
**Act/Regulation/Section:** OWRA- -66(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 6/4/93  
**Charge Disposition:**  
**Fine:** \$4,000  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 66(3)  
**Act/Regulation/Section:** OWRA- -66(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 6/4/93  
**Charge Disposition:**  
**Fine:** \$1,000  
**Synopsis:**

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**Site:** IMPERIAL OIL LIMITED  
DON MILLS ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** FAILED TO COMPLY WITH CONDITIONS OF C. OF A.  
**Background:**  
**URL:**

**Location:**  
**Region:** EASTERN REGION  
**Ministry District:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 66(3)  
**Act/Regulation/Section:** OWRA- -66(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 6/4/93  
**Charge Disposition:**  
**Fine:** \$6,000  
**Synopsis:**

---

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

**Database:**  
EBR

**EBR Registry No:** 012-8433 **Year:** 2016  
**Ministry Ref No:** 1829-AC4MA3 **Act 1:**  
**Notice Type:** Instrument Final Decision **Act 2:**  
**Notice Stage:** 857760106 **Comment Period:**  
**Notice Date:** June 29, 2017 **Section:**  
**Proposal Date:** August 19, 2016 **Site Location Map:**  
**Decision Posted:**  
**Posted By:**  
**Company Name:** Waste Management of Canada Corporation  
**Off Instrument Name:**  
**Instrument Type:** (EPA Part II.1-waste) - Environmental Compliance Approval (project type: waste)  
**Proponent Name:**  
**Proponent Address:**  
**Site Address:**  
**Location Other:**  
**URL:**

**Site Location Details:**

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

**Site:** **Waste Services Inc.** **Database:**  
**Part of Lots 2, 3 & 4, Concession 4, former Township of Gloucester, now in the City of Ottawa CITY OF OTTAWA** **EBR**  
**ON**

**EBR Registry No:** IA02E0127 **Year:** 2002  
**Ministry Ref No:** 9828-52VJAS **Act 1:**  
**Notice Type:** Instrument Decision **Act 2:**  
**Notice Stage:** 800484404 **Comment Period:**  
**Notice Date:** May 28, 2002 **Section:**  
**Proposal Date:** January 31, 2002 **Site Location Map:**  
**Decision Posted:**  
**Posted By:**  
**Company Name:** Waste Services Inc.  
**Off Instrument Name:**  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Proponent Name:**  
**Proponent Address:** 3354 Navan Road, Gloucester Ontario, K4B 1H9  
**Site Address:**  
**Location Other:**  
**URL:**

**Site Location Details:**

Part of Lots 2, 3 & 4, Concession 4, former Township of Gloucester, now in the City of Ottawa CITY OF OTTAWA

**Site:** **City of Ottawa** **Database:**  
**Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road Ottawa ON K1P 1J1** **ECA**

**Approval No:** 1674-8LRSGX **MOE District:**  
**Approval Date:** 2011-09-23 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Leacock Drive, Leacock Way, Beaverbrook Road, and Teron Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5106-8LBQRV-14.pdf>

**Site:** **Waste Management of Canada Corporation** **Database:**  
**ECA**

Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

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

**Site:** APARTMENT BUILDING **Database:**  
 BEAVER BROOK LANE/LYTL CREEK. FUEL OIL TANK KANATA CITY ON **SPL**

**Ref No:** 100257 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 5/24/1994 **Health/Env Conseq:**  
**Year:** **Client Type:**  
**Incident Cause:** ABOVE-GROUND TANK LEAK **Sector Type:**  
**Incident Event:** **Agency Involved:**  
**Contaminant Code:** **Nearest Watercourse:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site Postal Code:**  
**Contaminant UN No 1:** **Site Region:**  
**Environment Impact:** POSSIBLE **Site Municipality:** 20103  
**Nature of Impact:** Multi Media Pollution **Site Lot:**  
**Receiving Medium:** LAND / WATER **Site Conc:**  
**Receiving Env:** **Northing:**  
**MOE Response:** **Easting:** MOEE,CITY.  
**Dt MOE Arvl on Scn:** **Site Geo Ref Accu:**  
**MOE Reported Dt:** 5/24/1994 **Site Map Datum:**  
**Dt Document Closed:** **SAC Action Class:**  
**Incident Reason:** UNKNOWN **Source Type:**  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** APARTMENT BUILDING-UKN QTY FURNACE OIL TO STORM SEWER AND CREEK.  
**Contaminant Qty:**

**Site:** ESSO PETROLEUM CANADA **Database:**  
 ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON **SPL**

**Ref No:** 46877 **Discharger Report:**  
**Site No:** **Material Group:**  
**Incident Dt:** 2/21/1991 **Health/Env Conseq:**  
**Year:** **Client Type:**  
**Incident Cause:** CONTAINER OVERFLOW **Sector Type:**  
**Incident Event:** **Agency Involved:**  
**Contaminant Code:** **Nearest Watercourse:**  
**Contaminant Name:** **Site Address:**  
**Contaminant Limit 1:** **Site District Office:**  
**Contam Limit Freq 1:** **Site Postal Code:**  
**Contaminant UN No 1:** **Site Region:**  
**Environment Impact:** NOT ANTICIPATED **Site Municipality:** 20101  
**Nature of Impact:** **Site Lot:**  
**Receiving Medium:** LAND **Site Conc:**  
**Receiving Env:** **Northing:**  
**MOE Response:** **Easting:**  
**Dt MOE Arvl on Scn:** **Site Geo Ref Accu:**  
**MOE Reported Dt:** 2/21/1991 **Site Map Datum:**  
**Dt Document Closed:** **SAC Action Class:**  
**Incident Reason:** ERROR **Source Type:**  
**Site Name:**



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

ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.

Site: **ESSO AVITAT**  
**OTTAWA CITY ON**

Database:  
**SPL**

Ref No: 169810  
Site No:  
Incident Dt: 7/4/1999  
Year:  
Incident Cause: CONTAINER OVERFLOW  
Incident Event:  
Contaminant Code:  
Contaminant Name:  
Contaminant Limit 1:  
Contam Limit Freq 1:  
Contaminant UN No 1:  
Environment Impact: NOT ANTICIPATED  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
Receiving Env:  
MOE Response:  
Dt MOE Arvl on Scn:  
MOE Reported Dt: 7/5/1999  
Dt Document Closed:  
Incident Reason: OVERSTRESS/OVERPRESSURE  
Site Name:  
Site County/District:  
Site Geo Ref Meth:  
Incident Summary: ESSO AVITAT: 5 L JET A1 FUEL SPILL TO GROUND CONTAINED, CLEANED UP  
Contaminant Qty:

Discharger Report:  
Material Group:  
Health/Env Conseq:  
Client Type:  
Sector Type:  
Agency Involved:  
Nearest Watercourse:  
Site Address:  
Site District Office:  
Site Postal Code:  
Site Region:  
Site Municipality: 20101  
Site Lot:  
Site Conc:  
Northing:  
Easting:  
Site Geo Ref Accu:  
Site Map Datum:  
SAC Action Class:  
Source Type:

Site: **ESSO AVITAT**  
**OTTAWA CITY ON**

Database:  
**SPL**

Ref No: 170215  
Site No:  
Incident Dt: 7/14/1999  
Year:  
Incident Cause: CONTAINER OVERFLOW  
Incident Event:  
Contaminant Code:  
Contaminant Name:  
Contaminant Limit 1:  
Contam Limit Freq 1:  
Contaminant UN No 1:  
Environment Impact: NOT ANTICIPATED  
Nature of Impact: Soil contamination  
Receiving Medium: LAND  
Receiving Env:  
MOE Response:  
Dt MOE Arvl on Scn:  
MOE Reported Dt: 7/15/1999  
Dt Document Closed:  
Incident Reason: NEGLIGENCE (APPARENT)  
Site Name:  
Site County/District:  
Site Geo Ref Meth:  
Incident Summary: ESSO AVITAT: JET A-1 FUELSPILL TO GRD. 180 L MAINTENANCE ERROR CLEANED  
Contaminant Qty:

Discharger Report:  
Material Group:  
Health/Env Conseq:  
Client Type:  
Sector Type:  
Agency Involved:  
Nearest Watercourse:  
Site Address:  
Site District Office:  
Site Postal Code:  
Site Region:  
Site Municipality: 20101  
Site Lot:  
Site Conc:  
Northing:  
Easting:  
Site Geo Ref Accu:  
Site Map Datum:  
SAC Action Class:  
Source Type:

Site: **ESSO PETROLEUM CANADA**  
**BULK STATION OTTAWA CITY ON**

Database:  
**SPL**

**Ref No:** 155190  
**Site No:**  
**Incident Dt:** 5/1/1998  
**Year:**  
**Incident Cause:** OTHER CAUSE (N.O.S.)  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 5/1/1998  
**Dt Document Closed:**  
**Incident Reason:** NEGLIGENCE (APPARENT)  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** **ESSO PETROLEUM CANADA** **Database:** **SPL**  
**TANK TRUCK (CARGO) OTTAWA CITY ON**

**Ref No:** 47843  
**Site No:**  
**Incident Dt:** 3/19/1991  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 3/20/1991  
**Dt Document Closed:**  
**Incident Reason:** ERROR  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 20101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** **ESSO PETROLEUM CANADA** **Database:** **SPL**  
**TRANSPORT TRUCK (CARGO) OTTAWA CITY ON**

**Ref No:** 59519  
**Site No:**  
**Incident Dt:** 11/7/1991  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**

|                              |   |                              |       |
|------------------------------|---|------------------------------|-------|
| <b>Contaminant Limit 1:</b>  |   | <b>Site District Office:</b> |       |
| <b>Contam Limit Freq 1:</b>  |   | <b>Site Postal Code:</b>     |       |
| <b>Contaminant UN No 1:</b>  |   | <b>Site Region:</b>          |       |
| <b>Environment Impact:</b>   | NOT ANTICIPATED   | <b>Site Municipality:</b>    | 20101 |
| <b>Nature of Impact:</b>     |   | <b>Site Lot:</b>             |       |
| <b>Receiving Medium:</b>     | LAND  | <b>Site Conc:</b>            |       |
| <b>Receiving Env:</b>        |   | <b>Northing:</b>             |       |
| <b>MOE Response:</b>         |   | <b>Easting:</b>              |       |
| <b>Dt MOE Arvl on Scn:</b>   |   | <b>Site Geo Ref Accu:</b>    |       |
| <b>MOE Reported Dt:</b>      | 11/7/1991   | <b>Site Map Datum:</b>       |       |
| <b>Dt Document Closed:</b>   |   | <b>SAC Action Class:</b>     |       |
| <b>Incident Reason:</b>      | ERROR   | <b>Source Type:</b>          |       |
| <b>Site Name:</b>            |   |                              |       |
| <b>Site County/District:</b> |   |                              |       |
| <b>Site Geo Ref Meth:</b>    |   |                              |       |
| <b>Incident Summary:</b>     | ESSO-3 LITRES DIESEL FUEL TO GRND UNDER LOADING RACK, COUPLING NOT CLOSED |                              |       |
| <b>Contaminant Qty:</b>      |   |                              |       |

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

|                                   |   |                            |                    |
|-----------------------------------|---|----------------------------|--------------------|
| <b>Certificate No:</b>            | A461002   | <b>Total Area (ha):</b>    |                    |
| <b>Mob Unit Cert No:</b>          |   | <b>Landfill Cap (m³):</b>  |                    |
| <b>EBR Registry No:</b>           |   | <b>Transfer Area (ha):</b> |                    |
| <b>Status:</b>                    | Revoked and/or Replaced   | <b>Transfer Cap (m³):</b>  |                    |
| <b>Facility Type:</b>             |   | <b>Transfer Cert No:</b>   |                    |
| <b>Record Type:</b>               | ECA   | <b>Inciner. Area (ha):</b> |                    |
| <b>Link Source:</b>               | IDS   | <b>Inciner. Cap (t):</b>   |                    |
| <b>Project Type:</b>              | WASTE DISPOSAL SITES  | <b>Process Area (m³):</b>  |                    |
| <b>Application Status:</b>        |   | <b>Process Cap (m³/d):</b> |                    |
| <b>Issue Date:</b>                | 2018-04-04  | <b>Process Vol (m³):</b>   |                    |
| <b>Input Date:</b>                |   | <b>Process Feed (m³):</b>  |                    |
| <b>Date Received:</b>             |   | <b>Site Concession:</b>    |                    |
| <b>Est Closure Date:</b>          |   | <b>Site Region/County:</b> |                    |
| <b>Mobile Capacity:</b>           |   | <b>SWP Area Name:</b>      | Mississippi Valley |
| <b>Mobile Units:</b>              |   | <b>MOE District:</b>       | Ottawa             |
| <b>Mobile Description:</b>        |   | <b>District Office:</b>    |                    |
| <b>Prop City:</b>                 |   | <b>Latitude:</b>           |                    |
| <b>Prop Postal:</b>               |   | <b>Longitude:</b>          |                    |
| <b>Prop Phone:</b>                |   | <b>Geometry X:</b>         |                    |
| <b>Serial Link:</b>               |   | <b>Geometry Y:</b>         |                    |
| <b>Approval Type:</b>             | ECA-WASTE DISPOSAL SITES  |                            |                    |
| <b>Proponent:</b>                 |   |                            |                    |
| <b>Prop Address:</b>              |   |                            |                    |
| <b>Proponent County/District:</b> |   |                            |                    |
| <b>Full Address:</b>              | Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 |                            |                    |
| <b>Site Lot:</b>                  |   |                            |                    |
| <b>Waste Class Code:</b>          |   |                            |                    |
| <b>Waste Class:</b>               |   |                            |                    |
| <b>Waste Type:</b>                |   |                            |                    |
| <b>Waste Type Other:</b>          |   |                            |                    |
| <b>Waste Description:</b>         |   |                            |                    |
| <b>Landfill Monitoring:</b>       |   |                            |                    |
| <b>Landfill Ctrl Type:</b>        |   |                            |                    |
| <b>Site Closing Description:</b>  |   |                            |                    |
| <b>Project Description:</b>       |   |                            |                    |
| <b>Municipalities Served:</b>     |   |                            |                    |
| <b>Approval Description:</b>      |   |                            |                    |
| <b>Other Approvals/Permits:</b>   |   |                            |                    |
| <b>PDF URL:</b>                   |   |                            |                    |

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

|                          |         |                            |  |
|--------------------------|---------|----------------------------|--|
| <b>Certificate No:</b>   | A461002 | <b>Total Area (ha):</b>    |  |
| <b>Mob Unit Cert No:</b> |         | <b>Landfill Cap (m³):</b>  |  |
| <b>EBR Registry No:</b>  |         | <b>Transfer Area (ha):</b> |  |

**Status:** Revoked and/or Replaced  
**Facility Type:** ECA  
**Record Type:** IDS  
**Link Source:** WASTE DISPOSAL SITES  
**Project Type:** WASTE DISPOSAL SITES  
**Application Status:**  
**Issue Date:** 2017-03-01  
**Input Date:**  
**Date Received:**  
**Est Closure Date:**  
**Mobile Capacity:**  
**Mobile Units:**  
**Mobile Description:**  
**Prop City:**  
**Prop Postal:**  
**Prop Phone:**  
**Serial Link:**  
**Approval Type:** ECA-WASTE DISPOSAL SITES  
**Proponent:**  
**Prop Address:**  
**Proponent County/District:**  
**Full Address:** Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3  
**Site Lot:**  
**Waste Class Code:**  
**Waste Class:**  
**Waste Type:**  
**Waste Type Other:**  
**Waste Description:**  
**Landfill Monitoring:**  
**Landfill Ctrl Type:**  
**Site Closing Description:**  
**Project Description:**  
**Municipalities Served:**  
**Approval Description:**  
**Other Approvals/Permits:**  
**PDF URL:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1829-AC4MA3-14.pdf>

**Transfer Cap (m<sup>3</sup>):**  
**Transfer Cert No:**  
**Inciner. Area (ha):**  
**Inciner. Cap (t):**  
**Process Area (m<sup>3</sup>):**  
**Process Cap (m<sup>3</sup>/d):**  
**Process Vol (m<sup>3</sup>):**  
**Process Feed (m<sup>3</sup>):**  
**Site Concession:**  
**Site Region/County:**  
**SWP Area Name:** Mississippi Valley  
**MOE District:** Ottawa  
**District Office:**  
**Latitude:**  
**Longitude:**  
**Geometry X:**  
**Geometry Y:**

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

**Database:**  
**WDS**

**Certificate No:** A461002  
**Mob Unit Cert No:**  
**EBR Registry No:**  
**Status:** Revoked and/or Replaced  
**Facility Type:** ECA  
**Record Type:** IDS  
**Link Source:** WASTE DISPOSAL SITES  
**Project Type:** WASTE DISPOSAL SITES  
**Application Status:**  
**Issue Date:** 2017-04-24  
**Input Date:**  
**Date Received:**  
**Est Closure Date:**  
**Mobile Capacity:**  
**Mobile Units:**  
**Mobile Description:**  
**Prop City:**  
**Prop Postal:**  
**Prop Phone:**  
**Serial Link:**  
**Approval Type:** ECA-WASTE DISPOSAL SITES  
**Proponent:**  
**Prop Address:**  
**Proponent County/District:**  
**Full Address:** Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3  
**Site Lot:**  
**Waste Class Code:**  
**Waste Class:**

**Total Area (ha):**  
**Landfill Cap (m<sup>3</sup>):**  
**Transfer Area (ha):**  
**Transfer Cap (m<sup>3</sup>):**  
**Transfer Cert No:**  
**Inciner. Area (ha):**  
**Inciner. Cap (t):**  
**Process Area (m<sup>3</sup>):**  
**Process Cap (m<sup>3</sup>/d):**  
**Process Vol (m<sup>3</sup>):**  
**Process Feed (m<sup>3</sup>):**  
**Site Concession:**  
**Site Region/County:**  
**SWP Area Name:** Mississippi Valley  
**MOE District:** Ottawa  
**District Office:**  
**Latitude:**  
**Longitude:**  
**Geometry X:**  
**Geometry Y:**

Waste Type:  
Waste Type Other:  
Waste Description:  
Landfill Monitoring:  
Landfill Ctrl Type:  
Site Closing Description:  
Project Description:  
Municipalities Served:  
Approval Description:  
Other Approvals/Permits:  
PDF URL:

<https://www.accessenvironment.ene.gov.on.ca/instruments/2086-AKXGP6-14.pdf>

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

**Database:**  
WDS

|                                   |   |                            |                    |
|-----------------------------------|---|----------------------------|--------------------|
| <b>Certificate No:</b>            | A461002   | <b>Total Area (ha):</b>    |                    |
| <b>Mob Unit Cert No:</b>          |   | <b>Landfill Cap (m³):</b>  |                    |
| <b>EBR Registry No:</b>           |   | <b>Transfer Area (ha):</b> |                    |
| <b>Status:</b>                    | Revoked and/or Replaced   | <b>Transfer Cap (m³):</b>  |                    |
| <b>Facility Type:</b>             |   | <b>Transfer Cert No:</b>   |                    |
| <b>Record Type:</b>               | ECA   | <b>Inciner. Area (ha):</b> |                    |
| <b>Link Source:</b>               | IDS   | <b>Inciner. Cap (t):</b>   |                    |
| <b>Project Type:</b>              | WASTE DISPOSAL SITES  | <b>Process Area (m³):</b>  |                    |
| <b>Application Status:</b>        |   | <b>Process Cap (m³/d):</b> |                    |
| <b>Issue Date:</b>                | 2018-08-09  | <b>Process Vol (m³):</b>   |                    |
| <b>Input Date:</b>                |   | <b>Process Feed (m³):</b>  |                    |
| <b>Date Received:</b>             |   | <b>Site Concession:</b>    |                    |
| <b>Est Closure Date:</b>          |   | <b>Site Region/County:</b> |                    |
| <b>Mobile Capacity:</b>           |   | <b>SWP Area Name:</b>      | Mississippi Valley |
| <b>Mobile Units:</b>              |   | <b>MOE District:</b>       | Ottawa             |
| <b>Mobile Description:</b>        |   | <b>District Office:</b>    |                    |
| <b>Prop City:</b>                 |   | <b>Latitude:</b>           |                    |
| <b>Prop Postal:</b>               |   | <b>Longitude:</b>          |                    |
| <b>Prop Phone:</b>                |   | <b>Geometry X:</b>         |                    |
| <b>Serial Link:</b>               |   | <b>Geometry Y:</b>         |                    |
| <b>Approval Type:</b>             | ECA-WASTE DISPOSAL SITES  |                            |                    |
| <b>Proponent:</b>                 |   |                            |                    |
| <b>Prop Address:</b>              |   |                            |                    |
| <b>Proponent County/District:</b> |   |                            |                    |
| <b>Full Address:</b>              | Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3   |                            |                    |
| <b>Site Lot:</b>                  |   |                            |                    |
| <b>Waste Class Code:</b>          |   |                            |                    |
| <b>Waste Class:</b>               |   |                            |                    |
| <b>Waste Type:</b>                |   |                            |                    |
| <b>Waste Type Other:</b>          |   |                            |                    |
| <b>Waste Description:</b>         |   |                            |                    |
| <b>Landfill Monitoring:</b>       |   |                            |                    |
| <b>Landfill Ctrl Type:</b>        |   |                            |                    |
| <b>Site Closing Description:</b>  |   |                            |                    |
| <b>Project Description:</b>       |   |                            |                    |
| <b>Municipalities Served:</b>     |   |                            |                    |
| <b>Approval Description:</b>      |   |                            |                    |
| <b>Other Approvals/Permits:</b>   |   |                            |                    |
| <b>PDF URL:</b>                   | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/9503-AX9LL3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/9503-AX9LL3-14.pdf</a> |                            |                    |

**Site:** lot 5 ON

**Database:**  
WWIS

|                           |              |                           |            |
|---------------------------|--------------|---------------------------|------------|
| <b>Well ID:</b>           | 1522765      | <b>Data Entry Status:</b> |            |
| <b>Construction Date:</b> |              | <b>Data Src:</b>          | 1          |
| <b>Primary Water Use:</b> | Domestic     | <b>Date Received:</b>     | 10/26/1988 |
| <b>Sec. Water Use:</b>    |              | <b>Selected Flag:</b>     | Yes        |
| <b>Final Well Status:</b> | Water Supply | <b>Abandonment Rec:</b>   |            |
| <b>Water Type:</b>        |              | <b>Contractor:</b>        | 3644       |
| <b>Casing Material:</b>   |              | <b>Form Version:</b>      | 1          |
| <b>Audit No:</b>          | 18352        | <b>Owner:</b>             |            |
| <b>Tag:</b>               |              | <b>Street Name:</b>       |            |

**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10044574  
**DP2BR:** 45  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 5/16/1988  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931052513  
**Layer:** 2  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 45  
**Formation End Depth:** 223  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931052512  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 45  
**Formation End Depth UOM:** ft

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



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

**Pipe Information**

**Pipe ID:** 10593144  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077957  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 48  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930077958  
**Layer:** 2  
**Material:**  
**Open Hole or Material:**  
**Depth From:**  
**Depth To:** 223  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991522765  
**Pump Set At:**  
**Static Level:** 20  
**Final Level After Pumping:** 200  
**Recommended Pump Depth:** 200  
**Pumping Rate:** 6  
**Flowing Rate:**  
**Recommended Pump Rate:** 6  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934647913  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 200  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111507  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 200  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905121  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 200  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386930  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 200  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933480784  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 116  
**Water Found Depth UOM:** ft

**Site:**  
lot 5 ON

**Database:**  
WWIS

|                               |              |                           |                 |
|-------------------------------|--------------|---------------------------|-----------------|
| <b>Well ID:</b>               | 1530405      | <b>Data Entry Status:</b> |                 |
| <b>Construction Date:</b>     |              | <b>Data Src:</b>          | 1               |
| <b>Primary Water Use:</b>     | Domestic     | <b>Date Received:</b>     | 12/10/1998      |
| <b>Sec. Water Use:</b>        |              | <b>Selected Flag:</b>     | Yes             |
| <b>Final Well Status:</b>     | Water Supply | <b>Abandonment Rec:</b>   |                 |
| <b>Water Type:</b>            |              | <b>Contractor:</b>        | 7024            |
| <b>Casing Material:</b>       |              | <b>Form Version:</b>      | 1               |
| <b>Audit No:</b>              | 191363       | <b>Owner:</b>             |                 |
| <b>Tag:</b>                   |              | <b>Street Name:</b>       |                 |
| <b>Construction Method:</b>   |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevation (m):</b>         |              | <b>Municipality:</b>      | MARCH TOWNSHIP  |
| <b>Elevation Reliability:</b> |              | <b>Site Info:</b>         |                 |
| <b>Depth to Bedrock:</b>      |              | <b>Lot:</b>               | 005             |
| <b>Well Depth:</b>            |              | <b>Concession:</b>        |                 |
| <b>Overburden/Bedrock:</b>    |              | <b>Concession Name:</b>   |                 |
| <b>Pump Rate:</b>             |              | <b>Easting NAD83:</b>     |                 |
| <b>Static Water Level:</b>    |              | <b>Northing NAD83:</b>    |                 |
| <b>Flowing (Y/N):</b>         |              | <b>Zone:</b>              |                 |
| <b>Flow Rate:</b>             |              | <b>UTM Reliability:</b>   |                 |
| <b>Clear/Cloudy:</b>          |              |                           |                 |

**Bore Hole Information**

|                        |            |                    |             |
|------------------------|------------|--------------------|-------------|
| <b>Bore Hole ID:</b>   | 10051940   | <b>Elevation:</b>  |             |
| <b>DP2BR:</b>          | 2          | <b>Elevrc:</b>     |             |
| <b>Spatial Status:</b> |            | <b>Zone:</b>       | 18          |
| <b>Code OB:</b>        | r          | <b>East83:</b>     |             |
| <b>Code OB Desc:</b>   | Bedrock    | <b>North83:</b>    |             |
| <b>Open Hole:</b>      |            | <b>Org CS:</b>     |             |
| <b>Cluster Kind:</b>   |            | <b>UTMRC:</b>      | 9           |
| <b>Date Completed:</b> | 10/10/1998 | <b>UTMRC Desc:</b> | unknown UTM |

**Remarks:**

**Location Method:** na

**Elevrc Desc:**

**Location Source Date:**

**Improvement Location Source:**

**Improvement Location Method:**

**Source Revision Comment:**

**Supplier Comment:**

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931075387  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 46  
**Most Common Material:** QUARTZ  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 70  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931075386  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:** 91  
**Other Materials:** WATER-BEARING  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 2  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933115549  
**Layer:** 1  
**Plug From:** 20  
**Plug To:** 0  
**Plug Depth UOM:** ft

**Method of Construction & Well**

**Use**

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

**Pipe Information**

**Pipe ID:** 10600510  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930090563  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 70  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090562  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991530405  
**Pump Set At:**  
**Static Level:** 4  
**Final Level After Pumping:** 50  
**Recommended Pump Depth:** 50  
**Pumping Rate:** 12  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Water Details**

**Water ID:** 933490524  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 41  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933490525  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 62  
**Water Found Depth UOM:** ft

**Site:**  
lot 5 ON

**Database:**  
WWIS

**Well ID:** 1500377

**Data Entry Status:**

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

**Data Src:** 1  
**Date Received:** 2/26/1948  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 1107  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** OTTAWA CITY (GLOUCESTER)  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:** JG  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10022422  
**DP2BR:** 28  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 7/24/1947  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 930989112  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 09  
**Most Common Material:** MEDIUM SAND  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 15  
**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:**  
**Other Materials:**  
**Mat3:**

**Other Materials:**  
**Formation Top Depth:** 15  
**Formation End Depth:** 28  
**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:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 28  
**Formation End Depth:** 89  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

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

**Construction Record - Casing**

**Casing ID:** 930037777  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 28  
**Casing Diameter:** 4  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930037778  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 89  
**Casing Diameter:** 4  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991500377  
**Pump Set At:**



**Static Level:** 12  
**Final Level After Pumping:** 24  
**Recommended Pump Depth:**  
**Pumping Rate:** 8  
**Flowing Rate:**  
**Recommended Pump Rate:** 8  
**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:** N

**Water Details**

**Water ID:** 933452894  
**Layer:** 1  
**Kind Code:** 4  
**Kind:** MINERIAL  
**Water Found Depth:** 89  
**Water Found Depth UOM:** ft

**Site:**  
 lot 5 ON

**Database:**  
 WWIS

**Well ID:** 1522770  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 27110  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/26/1988  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10044579  
**DP2BR:** 26  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 9/16/1988  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052525  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 10  
**Formation End Depth:** 26  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052526  
**Layer:** 3  
**Color:** 7  
**General Color:** RED  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 71  
**Other Materials:** FRACTURED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 26  
**Formation End Depth:** 60  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052524  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 10  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931052527  
**Layer:** 4  
**Color:** 7  
**General Color:** RED  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 60  
**Formation End Depth:** 183  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

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

**Pipe Information**

**Pipe ID:** 10593149  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930077968  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 183  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930077967  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 29  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991522770  
**Pump Set At:**  
**Static Level:** 10  
**Final Level After Pumping:** 160  
**Recommended Pump Depth:** 160  
**Pumping Rate:** 4  
**Flowing Rate:**  
**Recommended Pump Rate:** 4  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111512  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 160  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934905126  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 160  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934647918  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 160  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386935  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 160  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933480791  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 178  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933480790  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 60  
**Water Found Depth UOM:** ft

**Site:**

lot 5 ON

**Database:**  
**WWIS**

**Well ID:** 5515370  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 255206  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 9/23/2003  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 6923  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** RENFREW  
**Municipality:** PEMBROKE TOWNSHIP  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

Clear/Cloudy:

**Bore Hole Information**

**Bore Hole ID:** 10547102  
**DP2BR:** 8  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 8/28/2003  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932936469  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 4  
**Formation End Depth:** 8  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932936470  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 74  
**Other Materials:** LAYERED  
**Mat3:** 73  
**Other Materials:** HARD  
**Formation Top Depth:** 8  
**Formation End Depth:** 246  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932936468  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 66  
**Other Materials:** DENSE  
**Mat3:**

**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 4  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933243989  
**Layer:** 1  
**Plug From:** 1  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 11095672  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930617991  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930617992  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930617993  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft



**Results of Well Yield Testing**

**Pump Test ID:** 995515370  
**Pump Set At:**  
**Static Level:** 4  
**Final Level After Pumping:** 37  
**Recommended Pump Depth:**  
**Pumping Rate:** 12  
**Flowing Rate:**  
**Recommended Pump Rate:** 15  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934819617  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 37  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934568287  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 37  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 935085362  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 37  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934293071  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 35  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934041098  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 197  
**Water Found Depth UOM:** ft

**Site:**  
lot 5 ON

**Database:**  
WWIS

**Well ID:** 1528947

**Data Entry Status:**

**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 167354  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Src:** 1  
**Date Received:** 5/16/1996  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050483  
**DP2BR:** 11  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 2/15/1996  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931071264  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 01  
**Other Materials:** FILL  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 0  
**Formation End Depth:** 5  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931071265  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 14  
**Most Common Material:** HARDPAN  
**Mat2:** 79  
**Other Materials:** PACKED  
**Mat3:**

**Other Materials:**  
**Formation Top Depth:** 5  
**Formation End Depth:** 11  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931071266  
**Layer:** 3  
**Color:** 1  
**General Color:** WHITE  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 11  
**Formation End Depth:** 55  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113945  
**Layer:** 1  
**Plug From:** 5  
**Plug To:** 22  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 10599053  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930088214  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930088215  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**

**Depth To:** 55  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991528947  
**Pump Set At:**  
**Static Level:** 12  
**Final Level After Pumping:** 24  
**Recommended Pump Depth:** 24  
**Pumping Rate:** 30  
**Flowing Rate:**  
**Recommended Pump Rate:** 25  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934658601  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 14  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934907126  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 13  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934389426  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 16  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105800  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 17  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933488839  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 43  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933488838  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 27  
**Water Found Depth UOM:** ft

**Site:** lot 5 ON

**Database:**  
**WWIS**

|                               |              |                           |                 |
|-------------------------------|--------------|---------------------------|-----------------|
| <b>Well ID:</b>               | 1532190      | <b>Data Entry Status:</b> |                 |
| <b>Construction Date:</b>     |              | <b>Data Src:</b>          | 1               |
| <b>Primary Water Use:</b>     | Domestic     | <b>Date Received:</b>     | 8/28/2001       |
| <b>Sec. Water Use:</b>        |              | <b>Selected Flag:</b>     | Yes             |
| <b>Final Well Status:</b>     | Water Supply | <b>Abandonment Rec:</b>   |                 |
| <b>Water Type:</b>            |              | <b>Contractor:</b>        | 4609            |
| <b>Casing Material:</b>       |              | <b>Form Version:</b>      | 1               |
| <b>Audit No:</b>              | 234539       | <b>Owner:</b>             |                 |
| <b>Tag:</b>                   |              | <b>Street Name:</b>       |                 |
| <b>Construction Method:</b>   |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevation (m):</b>         |              | <b>Municipality:</b>      | MARCH TOWNSHIP  |
| <b>Elevation Reliability:</b> |              | <b>Site Info:</b>         |                 |
| <b>Depth to Bedrock:</b>      |              | <b>Lot:</b>               | 005             |
| <b>Well Depth:</b>            |              | <b>Concession:</b>        |                 |
| <b>Overburden/Bedrock:</b>    |              | <b>Concession Name:</b>   |                 |
| <b>Pump Rate:</b>             |              | <b>Easting NAD83:</b>     |                 |
| <b>Static Water Level:</b>    |              | <b>Northing NAD83:</b>    |                 |
| <b>Flowing (Y/N):</b>         |              | <b>Zone:</b>              |                 |
| <b>Flow Rate:</b>             |              | <b>UTM Reliability:</b>   |                 |
| <b>Clear/Cloudy:</b>          |              |                           |                 |

**Bore Hole Information**

|                                     |           |                         |             |
|-------------------------------------|-----------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10516640  | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       | 2         | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |           | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     | r         | <b>East83:</b>          |             |
| <b>Code OB Desc:</b>                | Bedrock   | <b>North83:</b>         |             |
| <b>Open Hole:</b>                   |           | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |           | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 7/10/2001 | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |           | <b>Location Method:</b> | na          |
| <b>Elevrc Desc:</b>                 |           |                         |             |
| <b>Location Source Date:</b>        |           |                         |             |
| <b>Improvement Location Source:</b> |           |                         |             |
| <b>Improvement Location Method:</b> |           |                         |             |
| <b>Source Revision Comment:</b>     |           |                         |             |
| <b>Supplier Comment:</b>            |           |                         |             |

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932832121  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 74  
**Other Materials:** LAYERED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 60  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932832120  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 2  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933219645  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 11065210  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930094294  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930094293  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft



**Results of Well Yield Testing**

**Pump Test ID:** 991532190  
**Pump Set At:**  
**Static Level:** 15  
**Final Level After Pumping:** 60  
**Recommended Pump Depth:** 40  
**Pumping Rate:** 25  
**Flowing Rate:**  
**Recommended Pump Rate:** 25  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934115766  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 20  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934660320  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 16  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934917206  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 15  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934399381  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 17  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934008315  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 50  
**Water Found Depth UOM:** ft

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**Site:**  
con 4 ON

**Database:**  
WWIS

**Well ID:** 1530124  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 194690  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/14/1998  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:**  
**Concession:** 04  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### Bore Hole Information

**Bore Hole ID:** 10051659  
**DP2BR:** 23  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 7/23/1998  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

#### Overburden and Bedrock Materials Interval

**Formation ID:** 931074581  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 01  
**Other Materials:** FILL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 4  
**Formation End Depth UOM:** ft

#### Overburden and Bedrock Materials Interval

**Formation ID:** 931074583  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**

**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 17  
**Formation End Depth:** 23  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931074582  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 79  
**Other Materials:** PACKED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 4  
**Formation End Depth:** 17  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931074585  
**Layer:** 5  
**Color:** 1  
**General Color:** WHITE  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 95  
**Formation End Depth:** 105  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931074584  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 23  
**Formation End Depth:** 95  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933115250  
**Layer:** 1  
**Plug From:** 26  
**Plug To:** 0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

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

**Pipe Information**

**Pipe ID:** 10600229  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930090017  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 105  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930090016  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 26  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991530124  
**Pump Set At:**  
**Static Level:** 23  
**Final Level After Pumping:** 100  
**Recommended Pump Depth:** 85  
**Pumping Rate:** 12  
**Flowing Rate:**  
**Recommended Pump Rate:** 5  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910424  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 23  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934661882  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 23  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934117747  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 25  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934392307  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 23  
**Test Level UOM:** ft

Water Details

**Water ID:** 933490175  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 40  
**Water Found Depth UOM:** ft

Water Details

**Water ID:** 933490176  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 93  
**Water Found Depth UOM:** ft

Site:

lot 4 ON

**Database:**  
**WWIS**

**Well ID:** 1524144  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56259  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/26/1990  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:** 004  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045916  
**DP2BR:** 5  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 8/14/1989  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056984  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 5  
**Formation End Depth:** 75  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056983  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Other Materials:** STONES  
**Mat3:** 11  
**Other Materials:** GRAVEL  
**Formation Top Depth:** 0  
**Formation End Depth:** 5  
**Formation End Depth UOM:** ft

**Method of Construction & Well**

**Use**

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

**Pipe Information**

**Pipe ID:** 10594486  
**Casing No:** 1  
**Comment:**

Alt Name:

**Construction Record - Casing**

Casing ID: 930080386  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 75  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930080385  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 22  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 991524144  
Pump Set At:  
Static Level: 8  
Final Level After Pumping: 40  
Recommended Pump Depth: 40  
Pumping Rate: 30  
Flowing Rate:  
Recommended Pump Rate: 10  
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: N

**Draw Down & Recovery**

Pump Test Detail ID: 934107725  
Test Type:  
Test Duration: 15  
Test Level: 40  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934652924  
Test Type:  
Test Duration: 45  
Test Level: 40  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934391954  
Test Type:



Test Duration: 30  
Test Level: 40  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934910124  
Test Type:  
Test Duration: 60  
Test Level: 40  
Test Level UOM: ft

**Water Details**

Water ID: 933482692  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 70  
Water Found Depth UOM: ft

**Water Details**

Water ID: 933482691  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 55  
Water Found Depth UOM: ft

**Site:** lot 4 ON

**Database:**  
WWIS

Well ID: 1526957  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 53300  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 2/8/1993  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3323  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: MARCH TOWNSHIP  
Site Info:  
Lot: 004  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10048644  
DP2BR: 5  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 6/12/1992  
Remarks:  
Elevrc Desc:

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

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

**Overburden and Bedrock  
Materials Interval**

*Formation ID:* 931065644  
*Layer:* 1  
*Color:* 6  
*General Color:* BROWN  
*Mat1:* 28  
*Most Common Material:* SAND  
*Mat2:*  
*Other Materials:*  
*Mat3:*  
*Other Materials:*  
*Formation Top Depth:* 0  
*Formation End Depth:* 5  
*Formation End Depth UOM:* ft

**Overburden and Bedrock  
Materials Interval**

*Formation ID:* 931065645  
*Layer:* 2  
*Color:* 2  
*General Color:* GREY  
*Mat1:* 21  
*Most Common Material:* GRANITE  
*Mat2:*  
*Other Materials:*  
*Mat3:*  
*Other Materials:*  
*Formation Top Depth:* 5  
*Formation End Depth:* 105  
*Formation End Depth UOM:* ft

**Annular Space/Abandonment  
Sealing Record**

*Plug ID:* 933112092  
*Layer:* 1  
*Plug From:* 5  
*Plug To:* 22  
*Plug Depth UOM:* ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

*Pipe ID:* 10597214  
*Casing No:* 1  
*Comment:*  
*Alt Name:*

**Construction Record - Casing**

**Casing ID:** 930085111  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991526957  
**Pump Set At:**  
**Static Level:** 12  
**Final Level After Pumping:** 100  
**Recommended Pump Depth:** 40  
**Pumping Rate:** 30  
**Flowing Rate:**  
**Recommended Pump Rate:** 30  
**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:**  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934393168  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 13  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934109533  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 19  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910870  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 12  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934653678  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 12  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933486426

Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 100  
Water Found Depth UOM: ft

**Site:**  
lot 4 ON

**Database:**  
WWIS

Well ID: 1526069  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 100586  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

**Data Entry Status:**  
Data Src: 1  
Date Received: 2/4/1992  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3701  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: MARCH TOWNSHIP  
Site Info:  
Lot: 004  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10047804  
DP2BR: 4  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 7/29/1991  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931063133  
Layer: 2  
Color: 1  
General Color: WHITE  
Mat1: 18  
Most Common Material: SANDSTONE  
Mat2: 74  
Other Materials: LAYERED  
Mat3:  
Other Materials:  
Formation Top Depth: 4  
Formation End Depth: 78  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931063132  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 4  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933111515  
**Layer:** 1  
**Plug From:** 5  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 10596374  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930083684  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 20  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991526069  
**Pump Set At:**  
**Static Level:** 8  
**Final Level After Pumping:** 50  
**Recommended Pump Depth:** 60  
**Pumping Rate:** 12  
**Flowing Rate:**  
**Recommended Pump Rate:** 12  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:**

**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934389882  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 30  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934650825  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 48  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908023  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 50  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106248  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 21  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933485255  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 68  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933485254  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 40  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933485256  
**Layer:** 3  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 78  
**Water Found Depth UOM:** ft

**Site:**  
lot 4 ON

**Database:**  
WWIS

**Well ID:** 1524140  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 56441  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/26/1990  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3644  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA-CARLETON  
**Municipality:** MARCH TOWNSHIP  
**Site Info:**  
**Lot:** 004  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045912  
**DP2BR:** 0  
**Spatial Status:**  
**Code OB:** h  
**Code OB Desc:** Mixed in a Layer  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/3/1989  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931056975  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 85  
**Other Materials:** SOFT  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 27  
**Formation End Depth:** 70  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056974  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05



**Most Common Material:** CLAY  
**Mat2:** 18  
**Other Materials:** SANDSTONE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 27  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931056976  
**Layer:** 3  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 70  
**Formation End Depth:** 142  
**Formation End Depth UOM:** ft

**Method of Construction & Well**

**Use**

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

**Pipe Information**

**Pipe ID:** 10594482  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930080378  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 142  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930080377  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 30  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991524140  
**Pump Set At:**  
**Static Level:** 30  
**Final Level After Pumping:** 100  
**Recommended Pump Depth:** 100  
**Pumping Rate:** 8  
**Flowing Rate:**  
**Recommended Pump Rate:** 8  
**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:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934910120  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 100  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934391950  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 100  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934107721  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 100  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934652500  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 100  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482684  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 136  
**Water Found Depth UOM:** ft

**Site:** lot 4 ON

**Database:**  
WWIS

**Well ID:** 5508172  
**Construction Date:**

**Data Entry Status:**  
**Data Src:** 1

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

**Date Received:** 7/29/1986  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3670  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** RENFREW  
**Municipality:** PEMBROKE TOWNSHIP  
**Site Info:**  
**Lot:** 004  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### Bore Hole Information

**Bore Hole ID:** 10367202  
**DP2BR:** 24  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 5/20/1986  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 932214433  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:** 11  
**Other Materials:** GRAVEL  
**Formation Top Depth:** 0  
**Formation End Depth:** 24  
**Formation End Depth UOM:** ft

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 932214435  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**

**Formation Top Depth:** 45  
**Formation End Depth:** 248  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932214434  
**Layer:** 2  
**Color:** 1  
**General Color:** WHITE  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 71  
**Other Materials:** FRACTURED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 24  
**Formation End Depth:** 45  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933179631  
**Layer:** 1  
**Plug From:** 5  
**Plug To:** 50  
**Plug Depth UOM:** ft

**Method of Construction & Well**

**Use**

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

**Pipe Information**

**Pipe ID:** 10915772  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930605389  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 50  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930605388  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 33

**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930605390  
**Layer:** 3  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 248  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 995508172  
**Pump Set At:**  
**Static Level:** 9  
**Final Level After Pumping:** 245  
**Recommended Pump Depth:** 240  
**Pumping Rate:** 3  
**Flowing Rate:**  
**Recommended Pump Rate:** 3  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 3  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 935070371  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 245  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934553829  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 245  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934285657  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 245  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934813361  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 245

Test Level UOM: ft

**Water Details**

Water ID: 933845928  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 210  
Water Found Depth UOM: ft

**Water Details**

Water ID: 933845927  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 43  
Water Found Depth UOM: ft

**Site:** lot 4 con 3 ON

**Database:**  
**WWIS**

Well ID: 5510924  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 120677  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/23/1992  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 2307  
Form Version: 1  
Owner:  
Street Name:  
County: RENFREW  
Municipality: PEMBROKE TOWNSHIP  
Site Info:  
Lot: 004  
Concession: 03  
Concession Name: FAL  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10369918  
DP2BR: 6  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 6/3/1992  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

Formation ID: 932224943

**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 0  
**Formation End Depth:** 6  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932224948  
**Layer:** 6  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 36  
**Most Common Material:** BASALT  
**Mat2:** 21  
**Other Materials:** GRANITE  
**Mat3:** 46  
**Other Materials:** QUARTZ  
**Formation Top Depth:** 90  
**Formation End Depth:** 115  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932224949  
**Layer:** 7  
**Color:** 1  
**General Color:** WHITE  
**Mat1:** 16  
**Most Common Material:** DOLOMITE  
**Mat2:** 85  
**Other Materials:** SOFT  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 115  
**Formation End Depth:** 118  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932224946  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 78  
**Other Materials:** MEDIUM-GRAINED  
**Mat3:** 73  
**Other Materials:** HARD  
**Formation Top Depth:** 80  
**Formation End Depth:** 83  
**Formation End Depth UOM:** ft

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



**Formation ID:** 932224944  
**Layer:** 2  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 36  
**Most Common Material:** BASALT  
**Mat2:** 16  
**Other Materials:** DOLOMITE  
**Mat3:** 78  
**Other Materials:** MEDIUM-GRAINED  
**Formation Top Depth:** 6  
**Formation End Depth:** 30  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932224947  
**Layer:** 5  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 36  
**Most Common Material:** BASALT  
**Mat2:** 21  
**Other Materials:** GRANITE  
**Mat3:** 78  
**Other Materials:** MEDIUM-GRAINED  
**Formation Top Depth:** 83  
**Formation End Depth:** 90  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932224945  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:** 46  
**Other Materials:** QUARTZ  
**Mat3:** 38  
**Other Materials:** CONGLOMERATE  
**Formation Top Depth:** 30  
**Formation End Depth:** 80  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933181450  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 21  
**Plug Depth UOM:** ft

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

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

**Pipe Information**

**Pipe ID:** 10918488  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930610447  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 118  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930610446  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 21  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 995510924  
**Pump Set At:**  
**Static Level:** 15  
**Final Level After Pumping:**  
**Recommended Pump Depth:**  
**Pumping Rate:**  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934814016  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 35  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933849873  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 56  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933849874  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 115  
**Water Found Depth UOM:** ft

**Site:** con 3 ON

**Database:**  
**WWIS**

**Well ID:** 5511296  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 53100  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/20/1992  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3323  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** RENFREW  
**Municipality:** PEMBROKE CITY  
**Site Info:**  
**Lot:**  
**Concession:** 03  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10370290  
**DP2BR:** 2  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 8/18/1990  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 932226267  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 220

Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932226266  
Layer: 1  
Color: 8  
General Color: BLACK  
Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 2  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933181812  
Layer: 1  
Plug From: 4  
Plug To: 22  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

Pipe ID: 10918860  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930611069  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 22  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 995511296  
Pump Set At:  
Static Level: 28  
Final Level After Pumping: 225  
Recommended Pump Depth: 210  
Pumping Rate: 3  
Flowing Rate:  
Recommended Pump Rate: 3

**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 935072162  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 105  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934806416  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 135  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934287530  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 195  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934555115  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 165  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933850371  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 40  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933850373  
**Layer:** 3  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 210  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933850372  
**Layer:** 2  
**Kind Code:** 1

Kind: FRESH  
Water Found Depth: 160  
Water Found Depth UOM: ft

Site:  
lot 4 con 4 ON

**Database:**  
**WWIS**

Well ID: 5512960  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 175496  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/11/1997  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3611  
Form Version: 1  
Owner:  
Street Name:  
County: RENFREW  
Municipality: PEMBROKE TOWNSHIP  
Site Info:  
Lot: 004  
Concession: 04  
Concession Name: FAL  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10371953  
DP2BR: 3  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 6/12/1997  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC:  
UTMRC Desc: 9 unknown UTM  
Location Method: na

Overburden and Bedrock  
Materials Interval

Formation ID: 932232294  
Layer: 4  
Color: 8  
General Color: BLACK  
Mat1: 21  
Most Common Material: GRANITE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 140  
Formation End Depth: 162  
Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 932232291

**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 02  
**Other Materials:** TOPSOIL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 3  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932232293  
**Layer:** 3  
**Color:** 7  
**General Color:** RED  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 120  
**Formation End Depth:** 140  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932232292  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 3  
**Formation End Depth:** 120  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933183671  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**



Pipe ID: 10920523  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930613836  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 162  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930613835  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 20  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 995512960  
Pump Set At:  
Static Level: 15  
Final Level After Pumping: 162  
Recommended Pump Depth: 150  
Pumping Rate: 5  
Flowing Rate:  
Recommended Pump Rate: 5  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 935068960  
Test Type:  
Test Duration: 60  
Test Level: 20  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934292912  
Test Type:  
Test Duration: 15  
Test Level: 114  
Test Level UOM: ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934551391  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 75  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934820591  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 31  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933852613  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 140  
**Water Found Depth UOM:** ft

**Site:**  
lot 5 ON

**Database:**  
WWIS

|                               |               |                           |                 |
|-------------------------------|---------------|---------------------------|-----------------|
| <b>Well ID:</b>               | 1527810       | <b>Data Entry Status:</b> |                 |
| <b>Construction Date:</b>     |               | <b>Data Src:</b>          | 1               |
| <b>Primary Water Use:</b>     | Domestic      | <b>Date Received:</b>     | 4/5/1994        |
| <b>Sec. Water Use:</b>        |               | <b>Selected Flag:</b>     | Yes             |
| <b>Final Well Status:</b>     | Recharge Well | <b>Abandonment Rec:</b>   |                 |
| <b>Water Type:</b>            |               | <b>Contractor:</b>        | 5222            |
| <b>Casing Material:</b>       |               | <b>Form Version:</b>      | 1               |
| <b>Audit No:</b>              | 110499        | <b>Owner:</b>             |                 |
| <b>Tag:</b>                   |               | <b>Street Name:</b>       |                 |
| <b>Construction Method:</b>   |               | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevation (m):</b>         |               | <b>Municipality:</b>      | MARCH TOWNSHIP  |
| <b>Elevation Reliability:</b> |               | <b>Site Info:</b>         |                 |
| <b>Depth to Bedrock:</b>      |               | <b>Lot:</b>               | 005             |
| <b>Well Depth:</b>            |               | <b>Concession:</b>        |                 |
| <b>Overburden/Bedrock:</b>    |               | <b>Concession Name:</b>   |                 |
| <b>Pump Rate:</b>             |               | <b>Easting NAD83:</b>     |                 |
| <b>Static Water Level:</b>    |               | <b>Northing NAD83:</b>    |                 |
| <b>Flowing (Y/N):</b>         |               | <b>Zone:</b>              |                 |
| <b>Flow Rate:</b>             |               | <b>UTM Reliability:</b>   |                 |
| <b>Clear/Cloudy:</b>          |               |                           |                 |

**Bore Hole Information**

|                                     |           |                         |             |
|-------------------------------------|-----------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10049401  | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       | 2         | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |           | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     | r         | <b>East83:</b>          |             |
| <b>Code OB Desc:</b>                | Bedrock   | <b>North83:</b>         |             |
| <b>Open Hole:</b>                   |           | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |           | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 6/23/1992 | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |           | <b>Location Method:</b> | na          |
| <b>Elevrc Desc:</b>                 |           |                         |             |
| <b>Location Source Date:</b>        |           |                         |             |
| <b>Improvement Location Source:</b> |           |                         |             |
| <b>Improvement Location Method:</b> |           |                         |             |
| <b>Source Revision Comment:</b>     |           |                         |             |
| <b>Supplier Comment:</b>            |           |                         |             |

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931067747  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 2  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931067748  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 20  
**Other Materials:** QUARTZITE  
**Mat3:** 73  
**Other Materials:** HARD  
**Formation Top Depth:** 2  
**Formation End Depth:** 75  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112728  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 10597971  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086298  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 75

**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930086297  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991527810  
**Pump Set At:**  
**Static Level:** 8  
**Final Level After Pumping:** 65  
**Recommended Pump Depth:** 65  
**Pumping Rate:** 15  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111771  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 65  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934904281  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 65  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386581  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 65  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655910  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 65

Test Level UOM: ft

Water Details

Water ID: 933487352  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 43  
Water Found Depth UOM: ft

Water Details

Water ID: 933487353  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 68  
Water Found Depth UOM: ft

Site:

lot 5 ON

Database:  
[WWIS](#)

Well ID: 1533888  
Construction Date:  
Primary Water Use: Domestic  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 251166  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/9/2003  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 6006  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA-CARLETON  
Municipality: MARCH TOWNSHIP  
Site Info:  
Lot: 005  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543003  
DP2BR: 9  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 6/9/2003  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

Overburden and Bedrock  
Materials Interval

Formation ID: 932924515

**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 16  
**Most Common Material:** DOLOMITE  
**Mat2:** 73  
**Other Materials:** HARD  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 9  
**Formation End Depth:** 95  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932924514  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 13  
**Other Materials:** BOULDERS  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 0  
**Formation End Depth:** 9  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933240787  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 20  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

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

**Pipe Information**

**Pipe ID:** 11091573  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930097804  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930097803  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991533888  
**Pump Set At:**  
**Static Level:** 6  
**Final Level After Pumping:** 20  
**Recommended Pump Depth:** 55  
**Pumping Rate:** 50  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934914044  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 55  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934656597  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 55  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934113023  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 55  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934396637  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 55  
**Test Level UOM:** ft

**Water Details**



Water ID: 934036706  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 80  
Water Found Depth UOM: ft

Water Details

Water ID: 934036705  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 30  
Water Found Depth UOM: ft

Site:  
lot 5 ON

Database:  
[WWIS](#)

|                        |              |                    |                   |
|------------------------|--------------|--------------------|-------------------|
| Well ID:               | 5512280      | Data Entry Status: |                   |
| Construction Date:     |              | Data Src:          | 1                 |
| Primary Water Use:     | Domestic     | Date Received:     | 5/19/1995         |
| Sec. Water Use:        |              | Selected Flag:     | Yes               |
| Final Well Status:     | Water Supply | Abandonment Rec:   |                   |
| Water Type:            |              | Contractor:        | 3611              |
| Casing Material:       |              | Form Version:      | 1                 |
| Audit No:              | 147946       | Owner:             |                   |
| Tag:                   |              | Street Name:       |                   |
| Construction Method:   |              | County:            | RENFREW           |
| Elevation (m):         |              | Municipality:      | PEMBROKE TOWNSHIP |
| Elevation Reliability: |              | Site Info:         |                   |
| Depth to Bedrock:      |              | Lot:               | 005               |
| Well Depth:            |              | Concession:        |                   |
| Overburden/Bedrock:    |              | Concession Name:   | FAL               |
| Pump Rate:             |              | Easting NAD83:     |                   |
| Static Water Level:    |              | Northing NAD83:    |                   |
| Flowing (Y/N):         |              | Zone:              |                   |
| Flow Rate:             |              | UTM Reliability:   |                   |
| Clear/Cloudy:          |              |                    |                   |

Bore Hole Information

|                              |           |                  |             |
|------------------------------|-----------|------------------|-------------|
| Bore Hole ID:                | 10371273  | Elevation:       |             |
| DP2BR:                       | 49        | Elevrc:          |             |
| Spatial Status:              |           | Zone:            |             |
| Code OB:                     | r         | East83:          |             |
| Code OB Desc:                | Bedrock   | North83:         |             |
| Open Hole:                   |           | Org CS:          |             |
| Cluster Kind:                |           | UTMRC:           | 9           |
| Date Completed:              | 4/25/1995 | UTMRC Desc:      | unknown UTM |
| Remarks:                     |           | Location Method: | na          |
| Elevrc Desc:                 |           |                  |             |
| Location Source Date:        |           |                  |             |
| Improvement Location Source: |           |                  |             |
| Improvement Location Method: |           |                  |             |
| Source Revision Comment:     |           |                  |             |
| Supplier Comment:            |           |                  |             |

Overburden and Bedrock  
Materials Interval

Formation ID: 932229652  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05

**Most Common Material:** CLAY  
**Mat2:** 85  
**Other Materials:** SOFT  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 18  
**Formation End Depth:** 49  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932229655  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 98  
**Formation End Depth:** 100  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932229656  
**Layer:** 6  
**Color:** 7  
**General Color:** RED  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 100  
**Formation End Depth:** 109  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932229654  
**Layer:** 4  
**Color:** 7  
**General Color:** RED  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 54  
**Formation End Depth:** 98  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932229651  
**Layer:** 1  
**Color:** 2

**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 18  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932229653  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 49  
**Formation End Depth:** 54  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932229657  
**Layer:** 7  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:** 15  
**Other Materials:** LIMESTONE  
**Mat3:** 74  
**Other Materials:** LAYERED  
**Formation Top Depth:** 109  
**Formation End Depth:** 142  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933182870  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 63  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:**  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10919843  
**Casing No:** 1

Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930612644  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 142  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930612643  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 65  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 995512280  
Pump Set At:  
Static Level: 24  
Final Level After Pumping: 140  
Recommended Pump Depth: 125  
Pumping Rate: 20  
Flowing Rate:  
Recommended Pump Rate: 10  
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: 40  
Flowing: N

**Draw Down & Recovery**

Pump Test Detail ID: 934291312  
Test Type: Recovery  
Test Duration: 15  
Test Level: 35  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934558437  
Test Type: Recovery  
Test Duration: 30  
Test Level: 31  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 935075052

**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 29  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934818345  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 29  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933851630  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 138  
**Water Found Depth UOM:** ft

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial

[AGR](#)

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

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

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

Provincial

[AMIS](#)

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

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

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

Private

[ANDR](#)

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

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

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

Private

[AUWR](#)

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

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

### **Borehole:**

Provincial

[BORE](#)

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

**Government Publication Date: 1875-Jul 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 2017**

**Commercial Fuel Oil Tanks:**

Provincial

CFOT

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

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

**Chemical Register:**

Private

CHEM

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

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

**Compressed Natural Gas Stations:**

Private

CNG

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

**Government Publication Date: Dec 2012 - Mar 2019**

**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-May 2019**

**Certificates of Property Use:**

Provincial

CPU

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

**Government Publication Date: 1994-Jun 30, 2019**

**Drill Hole Database:**

Provincial

DRL

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

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

**Environmental Activity and Sector Registry:**

Provincial

EASR

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

**Government Publication Date: Oct 2011-Jun 31, 2019**



**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994-Jun 30, 2019**

**Environmental Compliance Approval:**

Provincial [ECA](#)

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

**Government Publication Date: Oct 2011-Jun 30, 2019**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

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

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Apr 30, 2019**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

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

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

**Emergency Management Historical Event:**

Provincial [EMHE](#)

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

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

**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, 2018**

**List of TSSA Expired Facilities:**

Provincial [EXP](#)

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

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

**Federal Convictions:**

Federal

FCON

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

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

**Contaminated Sites on Federal Land:**

Federal

FCS

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

**Government Publication Date: Jun 2000-May 2019**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

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

**Fuel Storage Tank:**

Provincial

FST

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

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

**Fuel Storage Tank - Historic:**

Provincial

FSTH

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

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

**Government Publication Date: 1986-Jul 31, 2019**

**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 2017**

**TSSA Historic Incidents:**

Provincial

HINC

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

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

**TSSA Incidents:**

Provincial

INC

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

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

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

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

**Canadian Mine Locations:**

Private

MINE

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

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

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Jan 2019**

**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, 2017**

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

Federal

NDFT

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

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

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

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

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

Federal

NDWD

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

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

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Dec 31, 2018**

**National Energy Board Wells:**

Federal

NEBP

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

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

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

Federal

NEES

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

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

**National PCB Inventory:**

Federal

NPCB

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

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

**National Pollutant Release Inventory:**

Federal

NPRI

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

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

**Oil and Gas Wells:**

Private

OGWE

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

**Government Publication Date: 1988-May 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OGGW

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

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

**Inventory of PCB Storage Sites:**

Provincial [OPCB](#)

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

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

**Orders:**

Provincial [ORD](#)

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

**Government Publication Date: 1994-Jun 30, 2019**

**Canadian Pulp and Paper:**

Private [PAP](#)

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

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

**Parks Canada Fuel Storage Tanks:**

Federal [PCFT](#)

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

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

**Pesticide Register:**

Provincial [PES](#)

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

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

**TSSA Pipeline Incidents:**

Provincial [PINC](#)

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

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

**Private and Retail Fuel Storage Tanks:**

Provincial [PRT](#)

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

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

**Permit to Take Water:**

Provincial [PTTW](#)

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

**Government Publication Date: 1994-Jun 30, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial [REC](#)

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

**Government Publication Date: 1986-2016**



**Record of Site Condition:**

Provincial **RSC**

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

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

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

**Retail Fuel Storage Tanks:**

Private **RST**

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

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

**Scott's Manufacturing Directory:**

Private **SCT**

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

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

**Ontario Spills:**

Provincial **SPL**

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

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

**Wastewater Discharger Registration Database:**

Provincial **SRDS**

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

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

**Anderson's Storage Tanks:**

Private **TANK**

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

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

**Transport Canada Fuel Storage Tanks:**

Federal **TCFT**

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

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

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

Provincial **VAR**

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

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

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

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Jun 31, 2019**

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

Provincial

[WDSH](#)

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

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

**Water Well Information System:**

Provincial

[WWIS](#)

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

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



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

# **Appendix D**

## **Environmental Regulatory Correspondence**

TRANSMISSION VERIFICATION REPORT

TIME : 08/06/2019 14:56  
 NAME :  
 FAX :  
 TEL :  
 SER.# : U62702F2N168623

DATE, TIME : 08/06 14:56  
 FAX NO./NAME : 14163144285  
 DURATION : 00:00:40  
 PAGE(S) : 03  
 RESULT : OK  
 MODE : STANDARD  
 ECM



Ministry of the Environment and  
 Climate Change

Freedom of Information Request

Freedom of Information and  
 Protection of Privacy Office  
 40 St. Clair Avenue West, 12<sup>th</sup> Floor  
 Toronto ON M4V 1M2  
 Telephone 416 314-4075

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**

|  |  |
|--|--|
| FOI Request Number   | Date Request Received (yyyy/mm/dd)   |
| Fee Paid   | <input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order |
| <input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW |  |

**1. Requester Data**

|                     |                             |                     |
|---------------------|-----------------------------|---------------------|
| Last Name<br>Lopers | First Name<br>Luke          | Middle Initial<br>A |
| Title<br>Mr.        | Company Name<br>GHD Limited |                     |

**Mailing Address**

|                                      |                                  |                              |            |
|--------------------------------------|----------------------------------|------------------------------|------------|
| Unit Number<br>400                   | Street Number<br>179             | Street Name<br>Colonnade Rd. | PO Box     |
| City/Town<br>Ottawa                  | Province<br>ON                   | Postal Code<br>K2E 7J4       |            |
| Email Address<br>luke.lopers@ghd.com | Telephone Number<br>613 288-1723 | ext.                         | Fax Number |

|   |                            |
|---|----------------------------|
| Project/Reference Number<br>11200830-E1 | Signature of Requester<br> |
|---|----------------------------|

**2. Request Parameters**

|  |               |                |        |
|--|---------------|----------------|--------|
| Municipal Address (Municipal address mandatory for cities, towns or regions) |               |                |        |
| Unit Number  | Street Number | Street Name    | PO Box |
|  | 251           | Denfield Drive |        |



Freedom of Information and  
Protection of Privacy Office  
40 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto ON M4V 1M2  
Telephone 416 314-4075

**Instructions**

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**

|  |  |
|--|--|
| FOI Request Number   | Date Request Received (yyyy/mm/dd)   |
| Fee Paid   | <input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order |
| <input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW |  |

**1. Requester Data**

|                     |                             |                     |
|---------------------|-----------------------------|---------------------|
| Last Name<br>Lopers | First Name<br>Luke          | Middle Initial<br>A |
| Title<br>Mr.        | Company Name<br>GHD Limited |                     |

**Mailing Address**

|                                      |                                  |                              |            |
|--------------------------------------|----------------------------------|------------------------------|------------|
| Unit Number<br>400                   | Street Number<br>179             | Street Name<br>Colonnade Rd. | PO Box     |
| City/Town<br>Ottawa                  | Province<br>ON                   | Postal Code<br>K2E 7J4       |            |
| Email Address<br>luke.lopers@ghd.com | Telephone Number<br>613 288-1723 | ext.                         | Fax Number |

|   |                            |
|---|----------------------------|
| Project/Reference Number<br>11200830-E1 | Signature of Requester<br> |
|---|----------------------------|

**2. Request Parameters**

**Municipal Address** (Municipal address mandatory for cities, towns or regions)

|                             |                      |                               |        |
|-----------------------------|----------------------|-------------------------------|--------|
| Unit Number                 | Street Number<br>251 | Street Name<br>Penfield Drive | PO Box |
| Lot Number                  | Concession           | Geographic Township           |        |
| City/Town/Village<br>Kanata | Province<br>ON       | Postal Code<br>K2E 7Y8        |        |

**Present Property**

|   |                                |
|---|--------------------------------|
| 1. Owner<br>The Corporation of the City of Ottawa<br>Tenant (if applicable) | Date of Ownership (yyyy/mm/dd) |
|---|--------------------------------|

**Previous Property**

|                                    |                                |
|------------------------------------|--------------------------------|
| 1. Owner<br>Tenant (if applicable) | Date of Ownership (yyyy/mm/dd) |
|------------------------------------|--------------------------------|

### 3. Search Parameters

| Search Parameters   | Specify Year(s) Requested |
|---|---------------------------|
| Environmental concerns (General correspondence, occurrence reports, abatement)  | All                       |
| Orders  | All                       |
| Spills  | All                       |
| Investigations/prosecutions ► Owner and tenant information must be provided   | All                       |
| Waste Generator number/classes  | All                       |
| Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located. |                           |

### 4. Environmental Compliance Approvals/Certificates of Approval

| Environmental Compliance Approvals/Certificates of Approval  | SD                       | Specify Year(s) Requested |
|--|--------------------------|---------------------------|
| air - emissions  | <input type="checkbox"/> | All                       |
| renewable energy   | <input type="checkbox"/> | All                       |
| water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)        | <input type="checkbox"/> | All                       |
| sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations            | <input type="checkbox"/> | All                       |
| waste water - industrial discharge   | <input type="checkbox"/> | All                       |
| waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites                   | <input type="checkbox"/> | All                       |
| waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction | <input type="checkbox"/> | All                       |

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

## Zoe Jeurond

---

**From:** Public Information Services <publicinformationservices@tssa.org>  
**Sent:** Tuesday, August 6, 2019 3:09 PM  
**To:** Zoe Jeurond  
**Subject:** RE: Environmental Assessment - TSSA Records Search Request

### No Records Found

Hello,

Thank you for your request for confirmation of public information.

- We confirm that there are **no fuel storage tanks records** in our database at the subject address(es).

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



### Connie Hill | Public Information Agent

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org)

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



---

**From:** Zoe.Jeurond@ghd.com <Zoe.Jeurond@ghd.com>  
**Sent:** August 6, 2019 1:15 PM  
**To:** Public Information Services <publicinformationservices@tssa.org>  
**Cc:** Luke.Lopers@ghd.com  
**Subject:** Environmental Assessment - TSSA Records Search Request

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the **City of Ottawa, ON**:

- 251 Penfield Drive, Kanata, ON K2K 1M7

Thank you for your time,

**Zoé Jeurond**  
Environmental Assistant

**GHD**

Please consider our environment before printing this email

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CONFIDENTIALITY NOTICE: This email, including any attachments, is confidential and may be privileged. If you are not the intended recipient please notify the sender immediately, and please delete it; you should not copy it or use it for any purpose or disclose its contents to any other person. GHD and its affiliates reserve the right to monitor and modify all email communications through their networks.

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This e-mail has been scanned for viruses

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This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

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Ministry of the Environment,  
Conservation and Parks

Ministère de l'Environnement, de  
la Protection de la nature et des  
Parcs

Access and Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél.: (416) 314-4075



August 15, 2019

Luke Lopers  
GHD  
179 Colonnade Drive, Suite 400  
Ottawa, ON K2E 7J4

Dear Luke Lopers:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2019-05393, Your Reference 11200830-E1**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 251 Penfield Drive, Kanata.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment.**

To conduct a search through the files of the Environmental Assessment and Permissions Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Assessment and Permissions Branch (EAPB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of \$240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Assessment and Permissions Branch, the time for answering your request will be extended for an additional 30 days.

**When remitting payment please quote our file number or attach a copy of this letter.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Dany Briollais at 416-314-4075.

Yours truly,

A handwritten signature in black ink, appearing to be 'JD' with a stylized flourish.

Janet Dadufalza  
Manager, Access and Privacy

August 28, 2019

Luke Lopers  
GHD  
179 Colonnade Road, Suite 400  
Ottawa, Ontario, K2E 7Y8

*Sent via email [luke.lopers@ghd.com]*

Dear Mr. Lopers,

**Re: Information Request  
251 Penfield 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 City’s Environmental Remediation Unit has environmental records on file pertaining to properties adjacent to the subject property. Visit <https://ottawa.ca/en/city-hall/accountability-and-transparency/accountability-framework/freedom-information-and-protection-privacy/access-information> to submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act.

### **Search of Historical Land Use Inventory**

**This acknowledges receipt of the signed Disclaimer regarding your request for information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Subject Property.**

A search of the HLUI database revealed the following information:

- There is 1 activity associated with the Subject Property: Activity Number 2676.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 14 activities associated with properties located within 250m of the Subject Property: Activity Numbers 279, 1782, 2676, 4478, 4555, 4893, 5629, 7869, 7870, 11178, 11264 and 12635.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above.

Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

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

### **The Ontario Land Registry Office**

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

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

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

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any**

**purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

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

If you have any further questions or comments, please contact Samantha Gatchene at 613-580-2424 ext. 14743 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,



Samantha Gatchene

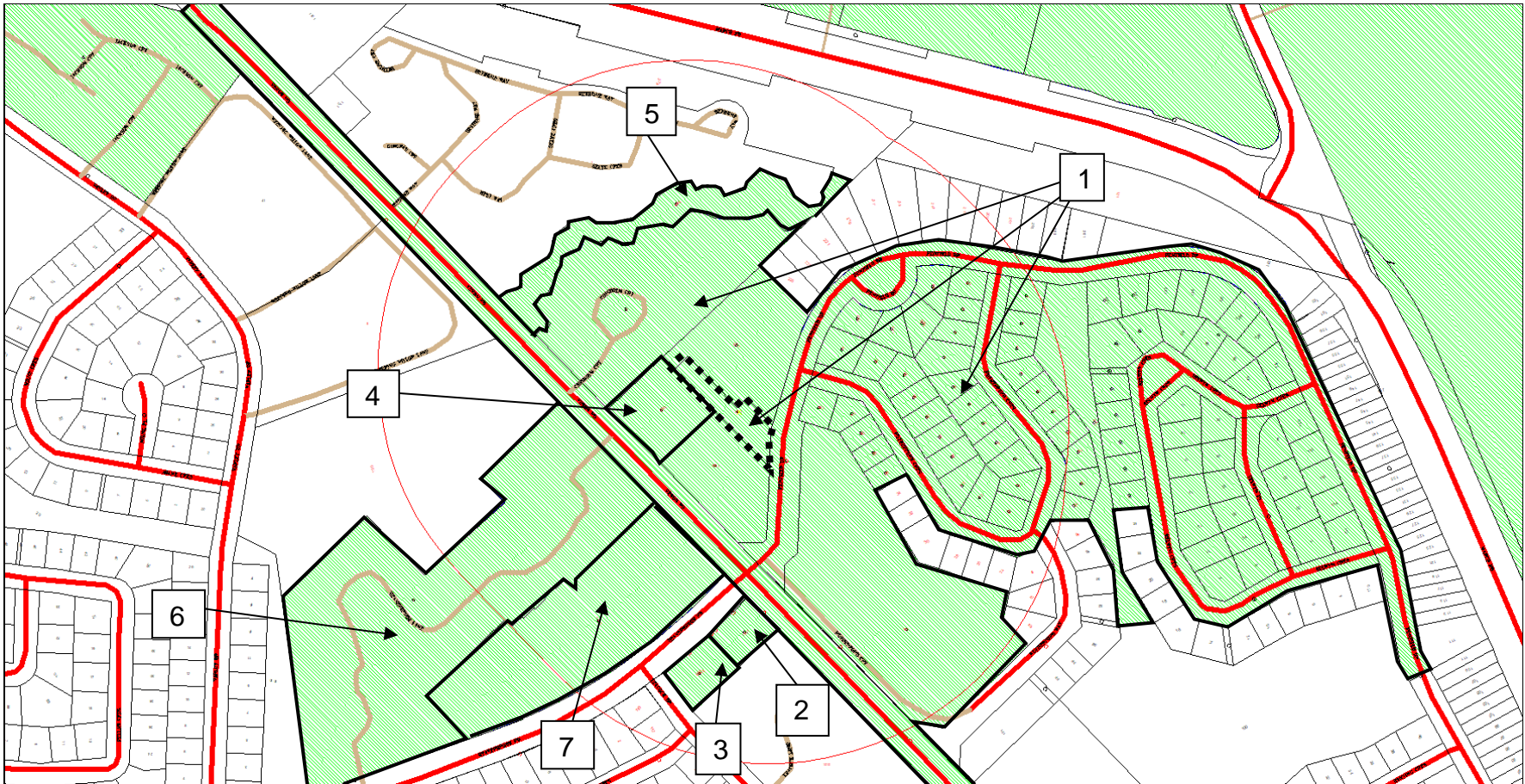
Per:

Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services  
Planning, Infrastructure and Economic Development Department

MB / SG

Enclosures

cc: File no. D06-03-19-0116




Scale 1: n/a

251 Penfield Drive  
 Ottawa, ON  
 File # D06-03-19-0116  
 Samantha Gatchene



Overview

 = Subject Site

 = Area Number

| Area Number | HLUI Activities Associated with Area |
|-------------|--------------------------------------|
| 1           | 2676                                 |
| 2           | 1782 and 279                         |
| 3           | 4555 and 5629                        |
| 4           | 2676, 7869 and 7870                  |
| 5           | 7870                                 |
| 6           | 2676 and 4478                        |
| 7           | 11178, 11264, 11264 and 4893         |



# Historical Land Use Inventory

Activity Numbers –

**Subject Property/Properties**



# Historical Land Use Inventory

Activity Numbers –

**Adjacent Properties**



CITY OF OTTAWA

HLUI ID: \_\_679ESV

AREA (Square Metres): 603.820

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 12:01:39

Study Year  
1998

PIN  
045140055

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_679ECT

AREA (Square Metres): 869.956

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:12:33

Study Year  
1998

PIN  
045140048

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676 Multiple PINS: Y  
PIN Certainty: 1 Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_679ERC

AREA (Square Metres): 603.661

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 12:01:15

Study Year  
1998

PIN  
045140054

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_670INF

AREA (Square Metres): 18556.952

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:41:23

Study Year  
1998

PIN  
045149503

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967









**CITY OF OTTAWA**

**HLUI ID: \_\_679ESK**

**AREA (Square Metres): 603.714**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:24:54

**Study Year**  
1998

**PIN**  
045140085

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679E5K**

**AREA (Square Metres): 694.169**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:19:43

**Study Year**  
1998

**PIN**  
045140033

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





CITY OF OTTAWA

HLUI ID: \_\_679FIH

AREA (Square Metres): 1112.320

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:19:20

Study Year  
1998

PIN  
045140034

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679E25**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:26:00

**AREA (Square Metres): 666.364**

**Study Year**  
1998

**PIN**  
045140083

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**  
**HLUI ID: \_\_679E8J**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:18:40

**AREA (Square Metres): 741.529**

**Study Year**  
1998

**PIN**  
045140035

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679E3N**

**AREA (Square Metres): 674.127**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:18:08

**Study Year**  
1998

**PIN**  
045140036

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**  
**HLUI ID: \_\_679E5J**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:17:44

**AREA (Square Metres): 694.136**

**Study Year**  
1998

**PIN**  
045140037

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679EZK**

**AREA (Square Metres): 650.128**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:27:21

**Study Year**  
1998

**PIN**  
045140080

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 562990       | 499        |
| 221320       | 499        |
| 221330       | 499        |
| 913910       | 835        |
| 562920       | 499        |
| 562210       | 499        |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679E6E**

**AREA (Square Metres): 714.434**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:17:16

**Study Year**  
1998

**PIN**  
045140038

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EYO**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:27:51

**AREA (Square Metres): 640.839**

**Study Year**  
1998

**PIN**  
045140079

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006  
**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA  
**Facility Type:** Other Utility Industries n.e.c.  
**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.  
**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.  
**Generator Number:**  
**Storage Tanks:**  
**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff  
**HL References 2:**  
**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

| Company Name                  | Year of Operation |
|-------------------------------|-------------------|
| City of Kanata -Sewage Lagoon | c. 1967           |





CITY OF OTTAWA

HLUI ID: \_\_679EA9

AREA (Square Metres): 821.324

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:16:52

Study Year  
1998

PIN  
045140039

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_679EEQ

AREA (Square Metres): 930.325

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:22:07

Study Year  
1998

PIN  
045140028

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_679EA9

AREA (Square Metres): 821.324

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:16:52

Study Year  
1998

PIN  
045140039

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679E38**

**AREA (Square Metres): 680.154**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:28:15

**Study Year**  
1998

**PIN**  
045140078

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EWY**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:16:29

**AREA (Square Metres): 626.628**

**Study Year**  
1998

**PIN**  
045140040

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679E21**

**AREA (Square Metres): 665.502**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:28:47

**Study Year**  
1998

**PIN**  
045140077

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



CITY OF OTTAWA

HLUI ID: \_\_679EAF

AREA (Square Metres): 830.092

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:16:06

Study Year  
1998

PIN  
045140041

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EBA**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:15:41

**AREA (Square Metres): 848.837**

**Study Year**  
1998

**PIN**  
045140042

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679EC3**

**AREA (Square Metres): 883.842**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:15:14

**Study Year**  
1998

**PIN**  
045140043

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679E0N**

**AREA (Square Metres): 786.887**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:14:36

**Study Year**  
1998

**PIN**  
045140044

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679E9H**

**AREA (Square Metres): 756.759**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:13:46

**Study Year**  
1998

**PIN**  
045140046

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679ESV**

**AREA (Square Metres): 603.820**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 12:01:39

**Study Year**  
1998

**PIN**  
045140055

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967











**CITY OF OTTAWA**  
**HLUI ID: \_\_679ESW**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 12:00:47

**AREA (Square Metres): 603.820**

**Study Year**  
1998

**PIN**  
045140053

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





CITY OF OTTAWA

HLUI ID: \_\_679EY9

AREA (Square Metres): 648.239

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 12:00:02

Study Year  
1998

PIN  
045140052

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967





**CITY OF OTTAWA**  
**HLUI ID: \_\_679GOK**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:29:15

**AREA (Square Metres): 6385.587**

**Study Year**  
1998

**PIN**  
045140087

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679EE2**

**AREA (Square Metres): 947.565**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:21:08

**Study Year**  
1998

**PIN**  
045140030

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





CITY OF OTTAWA

HLUI ID: \_\_679EFI

AREA (Square Metres): 975.539

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:21:31

Study Year  
1998

PIN  
045140029

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676

Multiple PINS: Y

PIN Certainty: 1

Previous Activity ID(s) : 6333

Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON

Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679EEQ**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:22:07

**AREA (Square Metres): 930.325**

**Study Year**  
1998

**PIN**  
045140028

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679EBX**

**AREA (Square Metres): 839.236**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:22:34

**Study Year**  
1998

**PIN**  
045140027

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





CITY OF OTTAWA  
HLUI ID: \_\_679GSH

Report: RPTC\_OT\_DEV0122  
Run On: 28 Aug 2019 at: 15:38:01

AREA (Square Metres): 7973.377

Study Year  
1998

PIN  
045140023

Multi-NAIC  
Y

Multiple Activities  
N

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679GBM**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:23:53

**AREA (Square Metres): 21873.176**

**Study Year**  
1998

**PIN**  
045140025

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**  
**HLUI ID: \_\_679G19**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 12:02:15

**AREA (Square Metres): 10008.764**

**Study Year**  
1998

**PIN**  
045140026

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_670IRK**

**AREA (Square Metres): 44026.829**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:35:22

**Study Year**  
1998

**PIN**  
045140313

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**  
**HLUI ID: \_\_679GMV**

Report: RPTC\_OT\_DEV0122  
 Run On: 28 Aug 2019 at: 15:40:37

**AREA (Square Metres): 5823.126**

**Study Year**  
1998

**PIN**  
045140007

**Multi-NAIC**  
Y

**Multiple Activities**  
N

**Activity ID:** 2676                      **Multiple PINS:** Y  
**PIN Certainty:** 1                      **Previous Activity ID(s) :** 6333  
**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON  
**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967





**CITY OF OTTAWA**

**HLUI ID: \_\_679FTK**

**AREA (Square Metres): 1690.693**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:36:12

**Study Year**

1998

**PIN**

045130354

**Multi-NAIC**

Y

**Multiple Activities**

Y

**Activity ID:** 279 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 045130354

**Name:** 2014392 ONTARIO LIMITED

**Address:** 1 BEAVERBROOK ROAD, KANATA

**Facility Type:** Gasoline Service Stations

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Property Assessment

**NAICS SIC**

447110 0

447190 0

**Company Name**

2014392 ONTARIO LIMITED

**Year of Operation**

c. 2005



**CITY OF OTTAWA**

**HLUI ID: \_\_679FY0**

**AREA (Square Metres): 2006.507**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:37:33

**Study Year**  
1998

**PIN**  
045130352

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4555 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 045130352

**Name:** ENVIROKLEEN

**Address:** 3 BEAVERBROOK ROAD, OTTAWA

**Facility Type:** Recreational Vehicle Dealers (where servicing is present)

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 811490       | 0          |

**Company Name**

ENVIROKLEEN

**Year of Operation**

c. 2001





CITY OF OTTAWA  
HLUI ID: \_\_679FDF

Report: RPTC\_OT\_DEV0122  
Run On: 28 Aug 2019 at: 15:40:02

AREA (Square Metres): 4044.697

Study Year  
1998

PIN  
045140006

Multi-NAIC  
Y

Multiple Activities  
Y

Activity ID: 2676                      Multiple PINS: Y  
PIN Certainty: 1                      Previous Activity ID(s) : 6333  
Related PINS: 045140006

Name: CITY OF KANATA -SEWAGE LAGOON  
Address: , KANATA

Facility Type: Other Utility Industries n.e.c.

Comments 1: There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

Comments 2: Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

HL References 2:

HL References 3:

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

Company Name

City of Kanata -Sewage Lagoon

Year of Operation

c. 1967



**CITY OF OTTAWA**

**HLUI ID: \_\_679FDF**

**AREA (Square Metres): 4044.697**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:40:02

**Study Year**  
1998

**PIN**  
045140006

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 7869 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 045140006

**Name:** KANATA CLEANERS  
**Address:** 1027 TERON ROAD, KANATA  
**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

**NAICS**      **SIC**  
812320      0

**Company Name**  
KANATA CLEANERS

**Year of Operation**  
c. 2001



**CITY OF OTTAWA**

**HLUI ID: \_\_679FDF**

**AREA (Square Metres): 4044.697**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:40:02

**Study Year**

1998

**PIN**

045140006

**Multi-NAIC**

Y

**Multiple Activities**

Y

**Activity ID:** 7870

**Multiple PINS:** N

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6575

**Related PINS:** 045140005

**Name:** KANATA CLEANERS INC.

**Address:** 1029 TERON ROAD, KANATA

**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:** ON1385700

**Storage Tanks:**

**HL References 1:** 1993 KBD, 1998 KBD; SC98

**HL References 2:**

**HL References 3:** 2000 PID

| NAICS  | SIC |
|--------|-----|
| 812330 | 972 |
| 812310 | 972 |
| 561740 | 972 |
| 812320 | 0   |
| 812320 | 972 |

**Company Name**

KANATA CLEANERS INC.

Kanata Cleaners

**Year of Operation**

c. 2000

c. 1993-1998







**CITY OF OTTAWA**

**HLUI ID: \_\_670HHP**

**AREA (Square Metres): 42693.812**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:42:54

**Study Year**  
1998

**PIN**  
045150162

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 2676

**Multiple PINS:** Y

**PIN Certainty:** 1

**Previous Activity ID(s) :** 6333

**Related PINS:** 045140006

**Name:** CITY OF KANATA -SEWAGE LAGOON

**Address:** , KANATA

**Facility Type:** Other Utility Industries n.e.c.

**Comments 1:** There are three cells located on this site. Cell one UTM = 429700E, 5019800N (1967), and the area is 250m x 100m. Cell two UTM = 429525E, 5019850N (1967), and the area is 150m x 50m.

**Comments 2:** Cell three UTM = 429450E, 5019825N (1967), and the area is 25m x 100m.

**Generator Number:**

**Storage Tanks:**

**HL References 1:** 1922-DMD-TM Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed., City of Kanata Staff

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 562990 | 499 |
| 221320 | 499 |
| 221330 | 499 |
| 913910 | 835 |
| 562920 | 499 |
| 562210 | 499 |

**Company Name**

City of Kanata -Sewage Lagoon

**Year of Operation**

c. 1967



**CITY OF OTTAWA**

HLUI ID: \_\_670HHP

AREA (Square Metres): 42693.812

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:42:54

**Study Year**  
1998

**PIN**  
045150162

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 4476 **Multiple PINS:** N

**PIN Certainty:** 1 **Previous Activity ID(s) :**

**Related PINS:** 045150162

**Name:** DOMINION CARPET CLEANING

**Address:** 48 BEAVERBROOK LANE,

**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2005 Select Phone

|              |            |
|--------------|------------|
| <b>NAICS</b> | <b>SIC</b> |
| 561740       | 0          |

**Company Name**

DOMINION CARPET CLEANING

SUNLITE CARPET & UPHOLSTERY

**Year of Operation**

c. 2005

c. 2005



**CITY OF OTTAWA**

**HLUI ID: \_\_679G05**

**AREA (Square Metres): 19857.752**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:43:21

**Study Year**  
1998

**PIN**  
045150161

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 11178                      **Multiple PINS:** N

**PIN Certainty:** 1                      **Previous Activity ID(s) :**

**Related PINS:** 045150161

**Name:** PICTURE FRAMING  
**Address:** 2 BEAVERBROOK ROAD, KANATA

**Facility Type:** Interior and Finishing Work

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 238350       | 0          |
| 238130       | 0          |

**Company Name**

PICTURE FRAMING

**Year of Operation**

c. 2001



**CITY OF OTTAWA**

**HLUI ID: \_\_679G05**

**AREA (Square Metres): 19857.752**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:43:21

**Study Year**  
1998

**PIN**  
045150161

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 11264                      **Multiple PINS:** N

**PIN Certainty:** 1                      **Previous Activity ID(s) :**

**Related PINS:** 045150161

**Name:** QUALISULT

**Address:** 2 BEAVERBROOK ROAD, KANATA

**Facility Type:** Communication and Other Electronic Equipment Industries

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:**

**HL References 2:**

**HL References 3:** 2001 Employment Survey

| <b>NAICS</b> | <b>SIC</b> |
|--------------|------------|
| 334410       | 0          |

**Company Name**

QUALISULT

**Year of Operation**

c. 2001



**CITY OF OTTAWA**

**HLUI ID: \_\_679G05**

**AREA (Square Metres): 19857.752**

Report: RPTC\_OT\_DEV0122

Run On: 28 Aug 2019 at: 15:43:21

**Study Year**  
1998

**PIN**  
045150161

**Multi-NAIC**  
Y

**Multiple Activities**  
Y

**Activity ID:** 12635                      **Multiple PINS:** N

**PIN Certainty:** 1                      **Previous Activity ID(s) :** 5736

**Related PINS:** 045150161

**Name:** SELECT TAILOR SHOP

**Address:** 2 BEAVERBROOK ROAD, KANATA

**Facility Type:** Laundries and Cleaners

**Comments 1:**

**Comments 2:**

**Generator Number:**

**Storage Tanks:**

**HL References 1:** Tele-Direct 1999

**HL References 2:**

**HL References 3:**

| NAICS  | SIC |
|--------|-----|
| 812310 | 972 |
| 812320 | 972 |
| 812330 | 972 |
| 561740 | 972 |

**Company Name**

Select Tailor Shop

**Year of Operation**

c. 1999



# **Appendix E**

## **Aerial Photographs**





Year 1965



## Aerial Photographs



Year 1976



## Aerial Photographs





Year 1991



## Aerial Photographs



Year 2005



## Aerial Photographs





Year 2011



## Aerial Photographs

# **Appendix F**

## **Site Photographs**





Photo 1 - View of the Site facing north from the south side of Penfield Drive.



Photo 2 - View of the southern portion of the Site, facing south.



## Site Photographs





Photo 3 - View of the north portion of the Site, looking east.



Photo 4 - View of the north portion of the Site, looking south.



## Site Photographs





Photo 5 - View of the north portion of the Site, looking north.



Photo 6 - View of the adjacent Fire Station property, located to the west of the Site, looking west.



## Site Photographs



## about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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