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# PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

**99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin  
Drive  
Ottawa, Ontario**

*Prepared for*

**Medusa General Partner Inc.**

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## 1. EXECUTIVE SUMMARY

Geosyntec Consultants International, Inc. (Geosyntec) was retained by Medusa General Partner Inc. to prepare a Phase One Environmental Site Assessment (ESA) of the properties located at 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive in Ottawa, Ontario (hereinafter referred to as the “Phase One Property” or the “Site”). Geosyntec’s assignment was conducted in accordance with the terms and conditions outlined in Geosyntec’s proposal to Medusa General Partner Inc. dated 01 October 2024.

The Phase One ESA was undertaken in accordance with the prescribed requirements of Ontario Regulation (O. Reg.) 153/04, as amended. It is Geosyntec’s understanding that this Phase One ESA is required by the City of Ottawa to support Site redevelopment and that a Record of Site Condition (RSC) is not required. The scope of work included a review of readily available relevant records, a Site reconnaissance, interviews, and a review of information and reporting, subject to the limitations outlined in Section 2.3 of this report. The Site reconnaissance included a visual inspection of exterior areas on-Site and on adjacent properties.

Medusa General Partner Inc. is the owner of the Phase One Property, which is comprised of three separate land parcels (with three distinct addresses) located within the City of Ottawa. The Phase One Property is zoned IL9 (Light Industrial) under City of Ottawa By-Law No. 2008-250, which permits a wide range of low impact light industrial uses. A Site Location Map is presented on **Figure 1 of Appendix A**.

The Phase One Property measures approximately 31.8 hectares (78.6 acres) in size. The Site comprises agricultural cropland and open field with no buildings present, with the farmed (north) portion of the Site currently utilized for soy and corn farming. The Site may be accessed from Longfields Drive to the west, Bill Leathem Drive and Paragon Avenue to the south, Leikin Drive to the southeast, and Merivale Road to the northeast. There are no on-Site surface water bodies; however, in the past there may have been a naturally occurring drainage ditch/swale on the southeast portion of the Site that is no longer evident. A Site Plan is presented on **Figure 2 of Appendix A**.

The Phase One Property is located in an area that is developed with a mix of agricultural, industrial/commercial, and residential properties. The Site is bounded by agricultural properties and an industrial/commercial property to the north; Longfields Drive, Bill Leathem Drive, industrial/commercial properties and vacant lands (under construction) to the south; Paragon Avenue, Leikin Drive, and a mix of agricultural properties and open field to the east; and, Bill Leathem Drive and a mix of agricultural properties and open field to the west. The Phase One Study Area is presented on **Figure 3 of Appendix A**.

According to historical records, the Phase One Property was developed prior to the mid-1930s for agricultural purposes, and most recently used for soy and corn farming. Presently, only the northern portion of the Site is farmed, with agricultural operations on the southern portion reportedly having ceased in approximately 2000.

Based on the results of the Phase One ESA, the following potentially contaminating activity (PCA) was identified on-Site (additional details provided in Section 7.2), and is considered to represent an area of potential environmental concern (APEC) on the Phase One Property:

| <b>PCA Classification</b><br><i>(Table 2 of Schedule D, O. Reg. 153/04)</i> | <b>Location of PCA</b>                       |
|---|--|
| #30 – Importation of Fill Material of Unknown Quality                       | On-Site (northeast corner of 2 Leikin Drive) |

The above PCA is considered to represent the following APEC on the Phase One Property (additional details provided in Section 7.3):

- **APEC #1** – Potential presence of fill material of unknown quality on the northeastern corner of the Phase One Property;

The PCA and APEC are shown in **Appendix A**, on **Figure 4** and **Figure 5**, respectively. Based on the presence of one APEC on the Phase One Property, a Phase Two ESA is required.

## 2. INTRODUCTION

### 2.1 Phase One Property Information

Geosyntec was retained by Medusa General Partner Inc. to conduct a Phase One ESA at 99 Bill Leathem Drive, 2 Leikin Drive and 20 Leikin Drive in Ottawa, Ontario (ON) (hereinafter referred to as the “Phase One Property” or the “Site”). A Site Location Map and Site Plan are provided in **Appendix A**, on **Figure 1** and **Figure 2**, respectively.

| Phase One Property Information               |  |   |   |
|--|--|---|---|
| <b>Phase One Property Addresses:</b>         | 99 Bill Leathem Drive,<br>Ottawa, ON K2C 3H1   | 2 Leikin Drive,<br>Ottawa, ON K2C 3H1   | 20 Leikin Drive,<br>Ottawa, ON K2C 3H1  |
| <b>Property Identification Number (PIN):</b> | 04733-6826   | 04733-6829  | 04733-0484  |
| <b>Legal Description:</b>                    | PART OF LOTS 18<br>AND 19 CONCESSION<br>1, RF, NEPEAN  | PART OF LOTS 18<br>AND 19<br>CONCESSION 1, RF,<br>PART 5 PLAN<br>4R8388 AND PARTS<br>4, 5, AND 6 PLAN<br>4R8276, EXCEPT<br>PART 4 PLAN<br>4R8388, AND<br>EXCEPT PARTS 5, 6,<br>AND 7 PLAN<br>4R233595, NEPEAN | PART OF LOTS 18<br>AND 19<br>CONCESSION 1, RF,<br>PART 3 PLAN<br>4R8388 AND PARTS<br>7, 8, AND 9 PLAN<br>4R8276, S/T N311767,<br>NEPEAN |
| <b>Ownership:</b>                            | Medusa General Partner Inc.  |   |   |
| <b>Site Contact Information:</b>             | Russell Beach, Senior Development Manager <a href="mailto:russell.beach@broccolini.com">russell.beach@broccolini.com</a> |   |   |

Medusa General Partner Inc. is the owner of the Phase One Property, which is comprised of three separate land parcels (with three distinct addresses) located within the City of Ottawa. The Phase One Property is zoned IL9 (Light Industrial) under City of Ottawa By-Law No. 2008-250, which permits a wide range of low impact light industrial uses. A copy of a current plan of survey for the Phase One Property, signed and sealed by a surveyor, is provided in **Appendix B**.

The Phase One Property measures approximately 31.8 hectares (78.6 acres) in size. The Site comprises agricultural cropland and open field with no buildings present, with the farmed (north) portion of the Site currently utilized for soy and corn farming. The Site may be accessed from Longfields Drive to the west, Bill Leathem Drive and Paragon Avenue to the south, Leikin Drive to the southeast, and Merivale Road to the northeast. There are no on-Site surface water bodies however, in the past there may have been a naturally occurring drainage ditch/swale on the southeast portion of the Site that is no longer evident.

Geosyntec understands that Broccolini Construction Inc. (Broccolini), on behalf of Medusa General Partner Inc., intends to develop the Phase One Property for commercial/industrial use. It

is our understanding that a Phase One ESA, prepared in accordance with O. Reg. 153/04, as amended, is required to be submitted to the City of Ottawa in support of the Site plan approval and that an RSC is not required.

## **2.2 Significant Assumptions**

Geosyntec took no significant assumptions into account as part of this project, except as noted in the proposal.

## **2.3 Limitations, Deviations, and Exceptions**

This Phase One ESA was conducted according to the agreed upon scope of work and includes the following essential components: a Site description and history; a review of database records; a summary of visual observations made during the Site reconnaissance; and a summary of information obtained during interviews of persons with knowledge of Site conditions. Geosyntec did not view heavily vegetated areas during the Site reconnaissance and we were not provided with and did not identify owner contact information prior to the current Site owner. However, since the Site is agricultural and relevant historical documents were obtained, these limitations are not considered to be significant.

This Phase One ESA did not include sampling rock, soil, groundwater, surface water, soil vapor, air, or on-site substances or materials. Therefore, it is not possible to confirm the presence or absence of contaminants in the environments associated with the Phase One Property.

The findings and conclusions presented in this Phase One ESA are the result of professional interpretation of the information collected at the time of this study. Specified information contained in this report has been obtained from publicly available sources and other secondary sources of information. Although care has been taken in compiling this information, Geosyntec has not independently validated this information and provides no warranty as to its accuracy or completeness. The Phase One ESA does not necessarily include an exhaustive search of all available records nor does it include a detailed assessment of all Phase One ESA findings. Therefore, Geosyntec cannot “certify” or guarantee that any property is free of environmental impairment; no warranties regarding the environmental quality of the property are expressed or implied.

## **2.4 Special Terms and Conditions**

No special contractual terms or conditions were taken into account as part of this project, except as noted in the proposal.



## 2.5 User Reliance

This Phase One ESA report has been prepared solely for the benefit of Medusa General Partner Inc. Geosyntec has issued the Phase One ESA report to Medusa General Partner Inc. and grants Medusa General Partner Inc. the right to rely on the report contents. Except as specifically set forth in Geosyntec's proposal to Medusa General Partner Inc. to perform this work, no third party shall have the right to rely on Geosyntec opinions rendered in connection with the Services without Geosyntec's written consent which may be conditioned on the third party's agreement to be bound to acceptable conditions and limitations similar to those agreed to by Medusa General Partner Inc. Please note that Geosyntec's consent to provide a right-to-rely on the Phase One ESA report is subject to Medusa General Partner Inc.'s approval and to agreement to Geosyntec's terms and conditions associated with Geosyntec's performance of this specific Phase One ESA.

### 3. SCOPE OF INVESTIGATION

The Phase One ESA was prepared in accordance with the requirements of O. Reg. 153/04, as amended, and included the following tasks conducted by Geosyntec:

- A review of readily available records as listed in Part II of Schedule D of O. Reg. 153/04, as amended. The following types and sources of information were obtained and reviewed as part of the records review, where applicable, available, and as reasonably accessible:
  - General records (Section 4.1), including fire insurance plans (FIPs), property underwriter reports (PUPs), property underwriter plans (PURs), a chain of title search back to the first developed use of the Site, previous environmental site assessment reports, and city directory records;
  - Environmental source information (Section 4.2), including a review of an environmental database report prepared by Environmental Risk Information Service Ltd. (ERIS), which included a search of federal, provincial, and private databases records for the Phase One Property and properties within the Phase One Study Area;
  - Regulatory records (Section 4.3), including submission of requests to the Ontario Ministry of the Environment, Conservation and Parks (MECP) and the Technical Standards and Safety Authority (TSSA);
  - Physical setting sources (Section 4.4), including aerial photographs, topographic maps, physiographic maps, and geological maps, and well records; and
  - Site operating records (Section 4.5), including regulatory permits and records, material safety data sheets, underground utility drawings, inventories of chemical uses and chemical storage areas, and inventories of aboveground and underground storage tanks (ASTs/USTs).
- Completion of interviews with key personnel and designated Site Representative(s), including representatives of the current Phase One Property owner, as a resource for current and historical information pertaining to the Site (Section 5);
- Completion of a Site reconnaissance of the Phase One Property in order to identify any land use practices that may have impacted the environmental condition of the Site (Section 6);
- A review and evaluation of the information obtained from the above tasks to identify PCAs at the Site and within the Phase One Study Area, and to assess whether each PCA is considered to contribute to an APEC on the Phase One Property, where one or more contaminants of potential concern (COPCs) may be present (Section 7); and

- Preparation of this Phase One ESA report in accordance with the requirements described within Part VI of Schedule D of O. Reg. 153/04, Schedule D.

This Phase One ESA was conducted under the supervision of Paula Hutchison, P.Eng., the Qualified Person for Environmental Site Assessment (QP<sub>ESA</sub>), in accordance with O. Reg. 153/04, as amended for this Phase One ESA report. Under her direction and oversight, the Site visit was conducted on 03 October 2024 by Scott Ambridge of Geosyntec. The report was drafted by Hadiqa Butt and Brooke Wallace and reviewed by Paula Hutchison of Geosyntec. The professional qualifications of the individuals above are presented in Section 8.2.

## 4. RECORDS REVIEW

### 4.1 General

#### 4.1.1 Phase One Study Area Determination

The Phase One Property covers the properties located at 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive. The Phase One Study Area includes those properties, wholly or partly located within 250 metres (m) of the boundary of the Phase One Property. The Qualified Person (QP<sub>ESA</sub>), Ms. Paula Hutchison, confirms that the conventional distance of 250 m from the boundary of the Phase One Property was sufficient for defining the purpose of the Phase One Study Area for all records reviewed. This was based on the fact that the Phase One Property is located in a rural area. The Phase One Property and Phase One Study Area are shown on **Figure 3** of **Appendix A**.

#### 4.1.2 First Developed Use Determination

Based on a review of chain of title searches, historical aerial photographs, and interviews, the Phase One Property was purchased as Crown land in the mid-1830s and was developed in the mid-1930s for agricultural purposes, most recently for soy and corn farming. Therefore, the first developed use of the Phase One Property is considered to be the use of the property for agricultural purposes beginning in the mid-1930s.

#### 4.1.3 Fire Insurance Plans, Property Underwriter Reports, and Property Underwriter Plans

A request for FIPs, PURs, and PUPs covering the Phase One Study Area was submitted to OPTA Information Intelligence (OPTA) through ERIS. No PURs and PURs pertaining to the Site, and no FIPs pertaining to the Phase One Study Area, were identified by OPTA.

#### 4.1.4 Chain of Title

Geosyntec retained ERIS to provide a chain of title report summarizing the historical ownership of the Phase One Property dating back to 1832. The results of the search are as follows:

| Date                          | Party From      | Party To        |
|-------------------------------|-----------------|-----------------|
| 17 January 1832 (Part Lot 18) | Crown           | John Smith      |
| 20 October 1834 (Part Lot 19) | Crown           | Maria Robertson |
| 8 May 1832                    | John Smith      | Asza Werdon     |
| 2 July 1837                   | Maria Robertson | Benjamin Holmes |
| 10 April 1841                 | Asza Werdon     | Sidney Helmer   |
| 26 April 1841                 | Sidney Helmer   | James Burrows   |
| 28 February 1850              | Benjamin Holmes | William Hopper  |
| 28 February 1850              | William Hopper  | George Hopper   |

| Date                                   | Party From   | Party To   |
|--|--|--|
| 15 January 1851                        | George Hopper  | John Stinson   |
| 9 February 1870 (Part Lot 18)          | James Burrows  | Henry Burrows  |
| 1 May 1872 (Part Lot 19)               | John Stinson   | James Falls  |
| 10 April 1875                          | Henry Burrows  | William Fulford  |
| 3 November 1879                        | William Fulford  | Jane Johnston  |
| 30 April 1887                          | James Falls  | John Falls   |
| 6 February 1893                        | Jane Johnston  | John Stinson   |
| 2 April 1918                           | John Falls   | William J.R. Falls   |
| 5 July 1926                            | John Stinson   | Frederick Stinson  |
| 19 May 1944 (Part Lot 18)              | Frederick Stinson  | Cecil Rivington  |
| 4 May 1946 (Part Lot 19)               | William J.R. Falls   | Cecil Rivington  |
| 31 December 1953                       | Cecil Rivington  | Zena Leikin  |
| 9 July 1964 (Part Lot 19)              | Zena Leikin  | Zena Holding Limited                                       |
| 29 September 1964 (Part Lot 18)        | Zena Leikin  | Zena Holding Limited                                       |
| 31 October 1985 (Easement)             | Zena Holdings Limited  | The Corporation of The City of Nepean                      |
| 5 January 1993                         | Zena-Kinder Holdings Limited<br>(formerly Zena Holdings Limited) | The Corporation of The City of Nepean                      |
| 29 January 1993                        | The Corporation of The City of<br>Nepean                         | Zena-Kinder Holdings Limited                               |
| 16 November 2021                       | Zena-Kinder Holdings Limited                                     | Medusa General Partner Inc., Medusa<br>Limited Partnership |
| 20 June 2024 (Transfer<br>Partnership) | Medusa General Partner Inc.,<br>Medusa Limited Partnership       | Medusa General Partner Inc.                                |

Based on a review of the ERIS chain of title report, the Phase One Property has been owned by various private individuals from 1832 through 1953. In 2021, the Phase One Property was acquired by the present-day property owner (Medusa General Partner Inc.).

A copy of the chain of title search and chain of title report for the Phase One Property is provided in **Appendix C**.

#### 4.1.5 Environmental Reports

A copy of the following environmental investigation report was provided to Geosyntec by Broccolini, on behalf of the Site Owner:

- *‘Phase I – Environmental Site Assessment, Vacant Commercial Property, South Merivale Business Park, Nepean, Ontario’*, prepared by John D. Paterson and Associates Limited (JDPA), dated September 28, 1998 (the “1998 Phase I ESA”).

- *‘Geotechnical Investigation, Proposed Sortation Facility, 99 Bill Leathem Drive, 2 & 20 Leikin Drive and 11 Beckstead Road, Ottawa, Ontario’*, prepared by Paterson Group (Paterson), dated September 10, 2024 (the “2024 Geotechnical Investigation”).

Furthermore, Geosyntec conducted the following environmental investigations at the Phase One Property in 2021:

- *‘Phase One Environmental Site Assessment, 99 Bill Leathem Drive, 2 Leiken Drive, and 20 Leikin Drive, Ottawa, Ontario’* prepared by Geosyntec, dated May 17, 2021 (the “2021 Phase One ESA”).
- *‘Phase Two Environmental Site Assessment, 99 Bill Leathem Drive, 2 Leiken Drive, and 20 Leikin Drive, Ottawa, Ontario’* prepared by Geosyntec, dated July 23, 2021 (the “2021 Phase Two ESA”).

A discussion of pertinent documentation is provided below.

#### 1998 Phase I ESA

JDPA completed a Phase I ESA at a larger property comprising the Phase One Property and the adjoining lands to the east (the “Larger Property”) in September 1998. At that time, the Larger Property was vacant and consisted of a combination of farmed fields (inferred to produce corn, hay, and wheat) and grassed areas and was free of buildings. A sanitary sewer tunnel, oriented west to east, was located on the Larger Property and was accessible via an entry shaft located to the east between Leikin Drive and Beckstead Road. JDPA concluded that no further work was required at the Larger Property (including the Phase One Property).

#### 2021 Phase One ESA

Geosyntec completed a Phase One ESA at the Phase One Property, in accordance with O. Reg. 153/04 in 2021. The Phase One ESA was completed on behalf of Medusa LP to support Site Plan Approval. The following APECs were identified at the Phase One Property:

- Potential current and/or former use of pesticides across the Phase One Property;
- Potential presence of fill material of unknown quality across the southern portion, east-central portion and in the northeastern corner of the Phase One Property; and
- Potential current and/or former use of pesticides on adjacent lands to the north, west and east of the Phase One Property.

Given the presence of APECs on the Phase One Property, a Phase Two ESA was recommended.

## 2021 Phase Two ESA

Geosyntec completed a Phase Two ESA at the Phase One Property, in accordance with O. Reg. 153/04 in 2021. The Phase Two ESA was conducted in order to assess the APECs identified during the 2021 Phase One ESA. The Phase Two ESA included the advancement of 11 boreholes; four of which were completed as groundwater monitoring wells. Soil and groundwater samples were collected from the borehole and monitoring well locations for analysis of the contaminants of potential concern (COPCs) including, volatile organic compounds (VOCs), petroleum hydrocarbons (PHCs), polycyclic aromatic hydrocarbons (PAHs), metals and inorganics, and organochlorine (OC) pesticides. The results were compared to the Table 2: Full Depth Generic Site Condition Standards (SCS) in a Potable Ground Water Condition<sup>1</sup> for industrial/commercial/community land use and fine-textured soils (Table 2 SCS). The Phase Two ESA investigation identified vanadium concentrations greater than the respective Table 2 SCS in soil samples collected from nine borehole locations. Geosyntec considered the concentrations to be naturally occurring as vanadium can be associated with the Champlain Sea clay deposits, which commonly contain concentrations of trace metals, including vanadium, at concentrations above the ‘*Table 1: Full Depth Background Site Condition Standards*’ (Table 1 SCS).

It was also noted that, for the purposes of the Phase Two ESA, the exemption under O. Reg. 153/04, Section 49.1, Paragraph 1 was relied upon. Based on the results of the Phase Two ESA investigation, chloride was identified at a concentration greater than the respective Table 2 SCS in one groundwater sample is attributed to the application of de-icing salt on the adjacent municipal right-of-way (i.e. Merivale Road), for the purposes of safety for vehicular and pedestrian traffic during the winter months.

Given that OC pesticides were not identified above the Table 2 SCS in soil or groundwater during the 2021 Phase Two ESA investigation, historical pesticide use is not considered to represent a PCA at the Phase One Property for this Phase One ESA. Further, soil samples were collected and analyzed for COPCs in the vicinity of observed potential fill material in the southern portion, east-central portion and in the northeastern corner of the Phase One Property. Given that concentrations were less than the respective Table 2 SCS in these areas (with consideration of regional background vanadium concentrations), the presence of historical fill material is not considered to represent a PCA at the Phase One Property.

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<sup>1</sup> Soil, ground water and sediment standards for use under Part XV.1 of the Environmental Protection Act, Ministry of the Environment, April 15, 2011.

## 2024 Geotechnical Investigation

Paterson completed a geotechnical investigation at a larger property comprising the Phase One Property and the adjoining lands to the east (the “Larger Property”) in September 2024. The investigation was completed on behalf of Broccolini for the proposed development. The geotechnical investigation included the advancement of 32 boreholes. Seven of the boreholes were completed as groundwater monitoring wells and five were completed as piezometers. Subsurface stratigraphy consisted of a layer of topsoil followed by a silty clay deposit which extended from depths ranging from 2.9 to 4.5 m below ground surface (bgs) to depths ranging from 9.0 to 17.0 m bgs. The silty clay deposit was underlain by a dense glacial till deposit (silty clay or silty sand), with practical refusal observed at depths ranging from 17.4 to 23.6 m bgs. Bedrock consisting of dolomite was encountered at depths ranging from 19.3 to 25.4 m bgs. Groundwater was measured at depths ranging from 0.63 to 4.97 m bgs. Paterson estimated that long term groundwater table was expected to range from 2.5 to 3.5 m bgs. Paterson concluded that the Larger Property was suitable for the proposed development.

### **4.1.6 City Directories**

Geosyntec contacted ERIS to complete a search of city directory listings for the Phase One Property and for other properties located within the Phase One Study Area. Based on Geosyntec’s review of the city directory listings provided by ERIS, the addresses comprising the Phase One Property were not listed in the city directories dated 1961 to 2021. The listings for other properties located within the Phase One Study Area were not listed in the city directories dated 1961 to 2021. At 73 Leikin Drive, a listing was noted as Sodexo Canada Inc. and Tim Hortons in 2017, and in 2021, additional commercial properties were listed as Mountain Shop and Royal Canadian Mounted Police.

## **4.2 Environmental Source Information**

Geosyntec contacted ERIS in August 2024 to complete a search of federal, provincial, and private source environmental databases (database publication dates included in parentheses) for records pertaining to the Phase One Property and for other properties located within the Phase One Study Area. The ERIS report was generated based on a search area of 300 m from the Phase One Property boundary. A copy of the ERIS database report is provided in **Appendix D**.

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

A search of the ‘*National Pollutant Release Inventory*’ (NPRI) (1993 – May 2017) database, maintained by Environment Canada, did not identify any listings for the Phase One Property or for other properties located within the Phase One Study Area.



## 4.2.2 PCB Information

A search of the ‘*National PCB Inventory*’ (NPCB) (1988 – 2008) and ‘*Ontario Inventory of PCB Storage Sites*’ (OPCB) (1987 – October 2004; 2012 – December 2013) databases, maintained by Environment Canada, did not identify any listings for the Phase One Property, or for other properties located within the Phase One Study Area.

## 4.2.3 Environmental Compliance Approvals, Certificates, and Permits

A search of the ‘*Certificates of Approval*’ (CA) (1985 – October 30, 2011), ‘*Environmental Activity and Sector Registry*’ (EASR) (October 2011 – June 30, 2024), ‘*Environmental Registry*’ (EBR) (1994 – June 30, 2024), ‘*Environmental Compliance Approval*’ (ECA) (October 2011 – June 30, 2024), ‘*Non-Compliance Reports*’ (NCPL) (December 31, 2018), ‘*Pesticide Register*’ (PES) (October 2011 – June 30, 2024), and ‘*Permit to Take Water*’ (PTTW) (1994 – June 30, 2024) databases identified two ECA listings for the Phase One Property.

- Medusa General Partner Inc. is listed twice in the ECA database. According to these listings, an expired Permit to Take Water (PTTW) was issued to Broccolini (#1200-C4VKPF) related to construction dewatering for building excavation and site servicing issued on 14 October 2021.

Two EASR listings, three EBR listings, five ECA listings were identified for other properties located within the Phase One Study Area:

- 61 Bill Leathem Drive (located adjacent to the southern boundary of the Site):
  - Two EASR listings for Lumentum Ottawa Inc. for a heating system (#R-003-6325612993) and a standby power system (#R-002-3388758525), dated 16 April 2013 and 21 November 2013, respectively;
  - Two EBR listings for JDS Uniphase Inc. at 15 Bill Leathem Drive (former address, inferred to be synonymous with 61 Bill Leathem Drive) for two approvals to discharge into the natural environment other than water (i.e., air), dated 13 November 2007 (#010-0780) and 23 December 2013 (#011-3348);
  - Two ECA listings for JDS Uniphase Inc. pertaining to an ECA – Air (#8200-9DTU4Y), dated 13 December 2013; and
  - One ECA listing for JDS Uniphase Inc. for a revoked and/or replaced ECA – Air (#9682-78NHMB), dated 5 November 2007.
- 50 Leikin Drive (proponent address at 2701 Riverside Drive; located adjacent to the south of the Phase One Property):

- One EBR listing for Canada Post Corporation pertaining to an ECA of sewage (#019-7635), dated 29 November 2023; and
- One ECA listing for Canada Post Corporation pertaining to an ECA – Industrial Sewage Works (#4640-CWWN6R), dated 28 November 2023.
- One ECA listing for City of Ottawa at Part of Lots 18 and 19, Concession 1, Rideau Front (located approximately 140 m southwest of the Site) for an ECA – Municipal Drinking Water Systems (#6981-7SHQNB), dated 2 June 2009.

Due to the nature of the above listings (i.e., approvals for air emissions and water works), which do not appear to be indicative of chemical waste/storage activities and/or releases, the above listings are not considered to represent off-Site PCAs.

#### 4.2.4 Coal Gasification Plants Inventory Information

A search of the ‘*Coal Gasification Plants and Coal Tar Sites*’ (COAL) (April 1987 and November 1988) database did not identify any listings for the Phase One Property or for other properties located within the Phase One Study Area.

#### 4.2.5 Records of Environmental Incidents, Orders, Offences, Spills, Discharges, or Inspections

A search of the ‘*Compliance and Convictions*’ (CONV) (1989 – May 2024), ‘*Fuel Oil Spills and Leaks*’ (INC) (31 October, 2023), ‘*National Environmental Emergencies System (NEES)*’ (NEES) (1973 – 2003), ‘*Orders*’ (ORD) (1994 – June 30, 2024), ‘*TSSA Pipeline Incidents*’ (PINC) (28 February, 2021), and the ‘*Ontario Spills*’ (SPL) (1988 – January 2023) did not identify any listings for the Phase One Property; however, the following SPL listing was identified for another property located within the Phase One Area:

- 90 Bill Leathem Drive (located to the southwest of the Site across Bill Leathem Drive) is listed in the SPL database for a release of 20 litres (L) of hydraulic oil to land due to a hose leak/break on 6 March 2020. Potential for environmental impact was not provided in the listing.

The above listing is indicative of a release of hydraulic oil at a property located within the Phase One Study Area and is therefore considered to represent an off-Site PCA.

#### 4.2.6 Waste Management Records

A search of the ‘*Ontario Regulation 347 Waste Generators Summary*’ (GEN) (1986 – October 31, 2022) and ‘*Ontario Regulation 347 Waste Receivers Summary*’ (REC) (1966 – 1990, 1992 – 2021)

databases did not identify any listings for the Phase One Property; however, 48 GEN listings were identified for other properties located within the Phase One Study Area:

- 61 Bill Leathem Drive (located adjacent to the southern boundary of the Site):
  - 13 GEN listings for JDS Uniphase Inc., followed by Lumentum Ottawa Inc., for registration as a generator (#ON4267608) of subject wastes including inorganic laboratory chemicals, organic laboratory chemicals, acid wastes – heavy metals, alkaline wastes – heavy metals, alkaline wastes – other metals, detergents/soaps, organic acids, amines, waste compressed gases, other specified organics, aliphatic solvents, and waste oils and lubricants from 2007 and as of October 2022.
- 90 Bill Leathem Drive (located to the southwest of the Site across Bill Leathem Drive):
  - Two GEN listings for Consumers Gas Company Ltd. for registration as a generator (#ON0060850; now inactive) of subject wastes including oil skimmings and sludges and waste oils and lubricants, listed from 1996 to 2001;
  - One GEN listing for Enbridge Gas Services Inc. for registration as a generator (#ON2658900; now inactive) of subject wastes including waste oils and lubricants, listed in 2001;
  - 13 GEN listings for Enbridge Gas Distribution for registration as a generator (#ON6512754) of subject wastes including alkaline wastes, heavy metals, waste oils and lubricants, aliphatic solvents, organic laboratory chemicals, petroleum distillates, light fuels, oil skimmings and sludges, waste compressed gases, other specified inorganics, paint/pigment/coating residues, and polychlorinated biphenyls (PCBs), listed from 2003 and as of October 2022; and
  - One GEN listing for Direct Energy Inc. for registration as a generator (#ON7859537; now inactive) of subject wastes, listed in 2004. Registered waste classes were not provided in the listing.
- One GEN listing for Royal Canadian Mounted Police at 73 Leikin Drive (located approximately 120 m south of the Site) for registration as a generator (#ON9360242) of pathological wastes in 2022.
- One GEN listing for Del Management at 2746 Prince of Wales Drive (located approximately 80 m to the northeast of the Site) for registration as a generator (#ON4759000) of subject wastes, listed in 2011. Registered waste classes were not provided in the listing.

The above listings indicate current and former waste generation activities at properties within the Phase One Study Area. Based on the types of wastes generated, the listings at 61 and 90 Bill Leathem Drive are considered to represent off-Site PCAs.

#### 4.2.7 Records Submitted to the Ministry

A search of the ‘*Certificates of Property Use*’ (CPU) (1994 – June 30, 2024), ‘*Environmental Effects Monitoring*’ (EEM) (1992 – 2007), ‘*Environmental Issues Inventory System*’ (EIIS) (1992 – 2001), ‘*Contaminated Sites on Federal Land*’ (FCS) (June 2000 – June 2024), and ‘*Waste Water Discharger Registration Database*’ (SRDS) (1990 – December 31, 2021) databases did not identify any listings for the Phase One Property, or for other properties located within the Phase One Study Area.

#### 4.2.8 Fuel Storage Tanks Information

A search of the ‘*Aboveground Storage Tanks*’ (AST) (May 31, 2014), ‘*Commercial Fuel Oil Tanks*’ (CFOT) (October 2023), ‘*Delisted Fuel Tanks*’ (DTNK) (October 2023), ‘*List of Expired Fuels Safety Facilities*’ (EXP) (October 2023), ‘*Fuel Storage Tank*’ (FST) (October 2023), ‘*Fuel Storage Tank – Historic*’ (FSTH) (Pre-January 2010), ‘*Federal Identification Registry for Storage Tank System*’ (FRST) (October 31, 2021), ‘*TSSA Historic Incidents*’ (HINC) (2006 – June 2009), ‘*Private and Retail Fuel Storage Tanks*’ (PRT) (1989 – 1996), ‘*Retail Fuel Storage Tanks*’ (RST) (1999 – April 30, 2024), ‘*Anderson’s Storage Tanks*’ (TANK) (1915 – 1953), and ‘*TSSA Variances for Abandonment of Underground Storage Tanks*’ (VAR) (February 28, 2022), databases did not identify any listings for the Phase One Property; however, one CFOT listing and four FST listings were identified for other properties located within the Phase One Study Area:

- 73 Leikin Drive (located approximately 120 m south of the Site):
  - One CFOT listing for Public Works Government Services Canada for a double wall, liquid fuel UST with a capacity of 5,000 L. The install date of the tank is listed as 2012;
  - One FST listing for Public Works Government Services Canada for a double wall, liquid fuel UST with a capacity of 5,000 L. The install date of the tank is listed as 1 December 2016; and
  - Four FRST listings for tanks at the property as follows:
    - One 7,600 L diesel aboveground storage tank (AST) encased in concrete and a 1,135 L diesel AST located on the roof. The install date of the tanks is listed as 2009;
    - One 13,000 L diesel AST and two 454 L diesel day tanks associated with the emergency generator at this facility installed in 2010, and a 5,000 L diesel UST installed in 2012; and

- One double wall 26,119 L diesel AST located on a concrete pad with 3 sided curb, installed in 2019.
- 2931 Highway 16 (now Merivale Road, located approximately 190 m east of the Site):
  - Three FST listings for Mr. Gas Limited for three single wall, liquid fuel USTs with capacities of 15,000 L and 22,700 L. The install date of the tanks is listed as 10 February 1989.

The above listings indicate the current/former presence of fuel USTs at properties within the Phase One Study Area and are therefore considered to represent off-Site PCAs.

#### 4.2.9 Notices and Instruments, including Records of Site Condition

A search of the *'Record of Site Condition'* (RSC) (1997 – October 2004 – June 2024) databases did not identify any listings for the Phase One Property or for other properties located within the Phase One Study Area.

#### 4.2.10 Landfill Information

A search of the *'Anderson's Waste Disposal Sites'* (ANDR) (1860s – Present), *'Landfill Inventory Management Ontario'* (LIMO) (March 31, 2022), *'Waste Disposal Sites – MOE CA Inventory'* (WDS) (October 2011 – June 30, 2024), and *'Waste Disposal Sites – MOE 1991 Historical Approval Inventory'* (WSDH) (Up to October 1990) databases did not identify any listings for the Phase One Property or for other properties located within the Phase One Study Area.

#### 4.2.11 Chemical Use Information

A search of the *'Dry Cleaning Facilities'* (CDRY) (January 2004 – December 2022), *'Chemical Manufacturers and Distributors'* (CHEM) (1999 – January 31, 2020), and *'Chemical Register'* (CHM) (1999 – April 30, 2024) databases did not identify any listings for the Phase One Property, or for other properties located within the Phase One Study Area.

#### 4.2.12 Aggregate and Mining Information

A search of the *'Abandoned Aggregate Inventory'* (AAGR) (September 2002), *'Aggregate Inventory'* (AGR) (Up to November 2023), *'Abandoned Mine Information System'* (AMIS) (1800 – April 2024), *'Canadian Mine Locations'* (MINE) (1998 – 2009), and the *'Mineral Occurrences'* (MNR) (1846 – February 2024) databases did not identify any listings for the Phase One Property, or for other properties located within the Phase One Study Area.

#### 4.2.13 Other Database Listings

A search of the 'Automobile Wrecking & Supplies' (AUWR) (1999 – April 30, 2024), 'ERIS Historical Searches' (EHS) (1999 – March 31, 2024), 'Canadian Pulp and Paper' (PAP) (1999, 2002, 2004, 2005, 2009 – 2014) and 'Scott's Manufacturing Directory' (SCT) (1992 – March 2011) databases identified three EHS listings for the Phase One Property:

- The Phase One Property is listed for three previous ERIS reports completed in 2009 and 2021.

The above listings are not necessarily indicative of chemical/waste storage activities or releases but may be indicative of previous historical or environmental investigation efforts. Therefore, these listings are not considered to represent an on-Site PCA.

In addition, 11 EHS listings and two SCT listings were identified for other properties located within the Phase One Study Area:

- A total of 11 EHS listings were identified for other properties located within the Phase One Study Area, which are potentially indicative of previous historical or environmental investigation efforts; and
- Two SCT listings for JDS Uniphase Inc. at 61 Bill Leathem Drive (located adjacent to the southern boundary of the Site), which uses the North American Industry Classification System (NAICS) codes of 334512 – 'Measuring, Medical and Controlling Devices Manufacturing' and 333310 – 'Commercial and Service Industry Machinery Manufacturing' to describe its operations. The facility is listed as established in 1981.

The above listings do not appear to be indicative of chemical/waste storage activities and/or releases, and therefore are not considered to represent off-Site PCAs.

### 4.3 Regulatory Records

#### 4.3.1 Ontario Ministry of the Environment, Conservation and Parks (MECP)

Geosyntec submitted a request to the MECP under the Freedom of Information and Protection of Privacy Act (FOI) for information pertaining to the Phase One Property addresses (99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive) on 07 October 2024. A response from the MECP dated 9 October 2024 indicate that there are no records on file for the Phase One Property. A copy of the FOI correspondence is provided in **Appendix E**.

### 4.3.2 Technical Standards and Safety Authority (TSSA)

A request for records related to registered ASTs or USTs storing petroleum-related products, outstanding instructions, incident reports, fuel/oil spills, and/or contamination was submitted to the TSSA on 02 October 2024. A response from the TSSA was received on 02 October 2024 indicating that a search of their records did not produce any Fuels Safety documents pertaining to the Phase One Property. A copy of the TSSA correspondence is included in **Appendix E**.

### 4.3.3 Historic Land Use Inventory (HLUI)

In 2021, Geosyntec submitted a HLUI request to the City of Ottawa. On 22 July 2021, Geosyntec submitted to Medusa LP a review of the City of Ottawa Response Letter, HLUI Summary Report, and HLUI Map, indicating that no further action was required. A copy of this correspondence is included in **Appendix E**.

An updated HLUI request was submitted to the City of Ottawa on 22 October 2024. Responses from the City of Ottawa were outstanding at the time of writing of this report. A copy of the updated HLUI request is provided in **Appendix E**.

## 4.4 Physical Setting Sources

### 4.4.1 Aerial Photographs

As part of this Phase One ESA, Geosyntec reviewed aerial photographs dated 1945 and 1958, which were provided by ERIS and are available for review on the City of Ottawa Archives website. Geosyntec also reviewed satellite imagery dated 1976, 1991, 1999, 2007, 2019, 2021 and 2022 obtained from the geoOttawa interactive online mapping system and satellite imagery dated 2024 obtained from Google Earth. Geosyntec’s observations with respect to the Phase One Property are noted as follows:

| Year of Aerial Photograph | Phase One Property   |
|---------------------------|--|
| 1945                      | The Phase One Property appears to have been cleared of vegetation and utilized for agricultural purposes (inferred cropland). There does not appear to be any buildings or structures present on the Phase One Property. |
| 1958                      | An unpaved road (oriented west to east) appears to intersect the central portion of the Phase One Property.  |
| 1976                      | The Phase One Property appears to resemble the configuration shown in the 1958 aerial photograph, with no significant changes evident.   |
| 1991                      | The Phase One Property appears to resemble the configuration shown in the 1958 aerial photograph and 1976 satellite imagery, with no significant changes evident.  |
| 1999                      | Inferred fill mounds appear to be present on the southern and northeastern portions of the Phase One Property.   |

| Year of Aerial Photograph | Phase One Property   |
|---------------------------|--|
| 2007                      | Additional inferred fill mounds appear to be present on the southern portion of the Phase One Property.  |
| 2019                      | The northeastern portion of the Phase One Property appears to be utilized by the northeastern adjoining property (now 2852 Merivale Road) as a storage area. Stockpiles are observed on this portion of the Phase One Property, which are inferred to be associated with operations at 2852 Merivale Road. |
| 2021                      | The Phase One Property appears to resemble the configuration shown in the 2019 satellite imagery.  |
| 2022                      | The Phase One Property appears to resemble the configuration shown in the 2021 satellite imagery.  |
| 2024                      | The Phase One Property appears to resemble the configuration shown in the 2022 satellite imagery.  |

The following table summarizes observations with respect to the surrounding properties located within the Phase One Study Area:

| Year of Aerial Photograph | Phase One Study Area   |
|---------------------------|--|
| 1945                      | <p><u>North:</u> Inferred agricultural cropland and/or pastures.</p> <p><u>South:</u> Inferred agricultural cropland and/or pastures.</p> <p><u>West:</u> Inferred agricultural cropland and/or pastures, followed by a tributary of the Rideau River.</p> <p><u>East:</u> Inferred agricultural cropland and/or pastures followed by Merivale Road, with inferred residential buildings situated along Merivale Road. Prince of Wales Drive (Highway 73) is shown further east of the Phase One Property.</p> |
| 1958                      | <p><u>North:</u> An inferred residential dwelling is shown on a property located to the northeast of the Phase One Property (now 2852 Merivale Road).</p> <p><u>South:</u> No significant changes are noted to the south of the Phase One Property.</p>  |
| 1958                      | <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> Prince of Wales Drive (Highway 73) appears to have been expanded into a multilane highway.</p>   |
| 1976                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> No significant changes are noted to the south of the Phase One Property.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p>  |
| 1991                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> No significant changes are noted to the south of the Phase One Property.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> A small building and access road appear to be located along Merivale Road.</p>   |
| 1999                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> Bill Leathem Drive and Leikin Drive appear to be under construction. Land disturbance is evident on the lands located to the south of the Phase One Property. An inferred commercial building is shown on the property located to the south of the Phase One Property across Bill Leathem Drive (now 90 Bill Leathem Drive), to the east of which</p>   |



| Year of Aerial Photograph | Phase One Study Area   |
|---------------------------|--|
|                           | <p>is an inferred stormwater management pond. A large inferred commercial complex and parking area are shown on the property to the southeast of the Site (now 73 Leikin Drive).</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> Leikin Drive appears to be under construction.</p>  |
| 2007                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> An inferred multistory commercial building appears to be under construction on the property adjacent to the southeast of the Phase One Property (now 61 Bill Leathem Drive). Additional inferred soil stockpiles are shown on the lands located to the south of the Phase One Property.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p> |
| 2019                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> No significant changes are noted to the south of the Phase One Property.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p>  |
| 2021                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> No significant changes are noted to the south of the Phase One Property.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p>  |
| 2022                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> A dirt road extends into the central portion of the property located adjacent to the southern boundary of the Phase One Property (88 Leikin Drive). An exterior storage yard appears to have been constructed adjacent to the southeast of the Phase One Property (50 Leikin Drive).</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p>    |
| 2024                      | <p><u>North:</u> No significant changes are noted to the north of the Phase One Property.</p> <p><u>South:</u> 88 Leikin Drive has been cleared and graded and is under construction.</p> <p><u>West:</u> No significant changes are noted to the west of the Phase One Property.</p> <p><u>East:</u> No significant changes are noted to the east of the Phase One Property.</p>  |

#### 4.4.2 Topography, Hydrology, Geology

The Phase One Property is located in Universal Transverse Mercator (UTM) Zone 18, with approximate coordinates at the centre of the Site of Easting 444250 m and Northing 5016400 m. ERIS generated maps detailing the topography, physiography, and geology of the Phase One Study Area, with a search radius of 2,000 m from the Phase One Property boundary (provided in **Appendix F**). Details of these sources and the information provided therein are outlined in the table below.

| Topic             | Observations   | Source   |
|-------------------|--|--|
| Topography        | The Phase One Property is situated at an elevation of approximately 90 m above mean sea level (amsl). Regional topography slopes gently downward to the east towards the Rideau River, which flows in a northerly direction into the Ottawa River.   | <ul style="list-style-type: none"> <li>• ERIS: '<i>Ontario Base Map (OBM)</i>', Ontario Ministry of Natural Resources, 2010.</li> <li>• Google Earth™.</li> </ul>  |
| Physiography      | The overburden characterizing the Phase One Study Area is derived from the Ottawa Valley clay plains.  | <ul style="list-style-type: none"> <li>• ERIS: '<i>Physiography of Southern Ontario</i>', Chapman, L.J. and Putnam, D.F., 2007. The Physiography of Southern Ontario; OGS, Miscellaneous Release—Data 22.</li> </ul>   |
| Surficial Geology | The Phase One Study area is located in a region comprised of offshore marine deposits (clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands). These native clay soils are associated with post-glacial Champlain Sea marine deposits. A Champlain Sea clay deposit typically includes a surficial crust (consisting of stiffer and drier clay) underlain by a weaker and more compressible clay layer. | <ul style="list-style-type: none"> <li>• ERIS: '<i>The Surficial Geology of Southern Ontario</i>', OGS, 2010. Surficial geology of southern Ontario, OGS, Miscellaneous Release—Data 128—Revised.</li> <li>• Geofirma Engineering Ltd., Dillon Consulting Limited, and the City of Ottawa. Elevated Background Metals Concentrations in Champlain Sea Clay – Ottawa Region. 2017.</li> </ul> |
| Bedrock Geology   | Bedrock in the Phase One Study Area is comprised of dolostone and sandstone of the Beekmantown Group.  | <ul style="list-style-type: none"> <li>• ERIS: '<i>Bedrock Geology of Ontario</i>', OGS, 2011. 1:250,000 scale bedrock geology of Ontario; OGS, Miscellaneous Release—Data 126—Revision 1.</li> </ul>  |
| Hydrology         | According to the 2021 Phase Two ESA by Geosyntec groundwater flow is to the southwest and is present at a depth of 1.08 to 1.23 m bgs based on elevation data collected from groundwater monitoring wells located throughout the Phase One Property.   | <ul style="list-style-type: none"> <li>• Geosyntec: '<i>Phase Two Environmental Site Assessment</i>', dated July 23, 2021.</li> </ul>  |

#### 4.4.3 Fill Materials

According to information obtained from Geosyntec's interview (Section 5), a '*small soil stockpile*' was historically stored on the southern portion of the Site by the City of Ottawa during the construction of the nearby Royal Canadian Mounted Police facility at 73 Leikin Drive, located approximately 120 m to the south of the Site. The soil stockpile was reportedly removed from the Site following the cessation of construction activities. During the time of the Site reconnaissance (Section 6), Geosyntec observed a soil berm on 2 Leikin Drive, in the eastern-central portion of the Phase One ESA Property. Geosyntec also observed several small fill piles on the southern portion of the Phase One Property, at 99 Bill Leathem Drive, which appeared to contain soil material.

Further, Geosyntec observed a recently graded area in the northeastern corner of the Site which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road), which is occupied by Canada Paving for the storage of heavy equipment (i.e., graders and backhoes) and numerous fill stockpiles associated with paving operations. According to information obtained from Geosyntec’s interview (Section 5), the encroachment of Canada Paving’s operations onto the Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available.

The quality of fill material utilized to grade the former Canada Paving encroachment area in the northeast portion of the Phase One Property is unknown and is therefore considered to represent an on-Site PCA; however, the soil berm in the eastern-central portion and the fill pile on the southern portion of the Phase One Property were investigated for COPCs during the 2021 Phase Two ESA investigation. COPCs were not identified in Site soils above the SCS. As such, these areas of potential fill material do not represent on-Site PCAs.

#### 4.4.4 Water Bodies, Areas of Natural Significance, and Groundwater Information

The Phase One Study Area does not include a water body; however, in the past there may have been a naturally occurring drainage ditch/swale on the southeast portion of the Site that is no longer evident. It is noted that a stormwater management pond is located approximately 115 m to the south of the Phase One Property; however, as the pond was constructed for the purpose of controlling surface water drainage, it is not considered to meet the definition of a ‘*water body*’ as per O. Reg. 153/04, as amended. The nearest water body is the Rideau River, located approximately 500 m to the east of the Phase One Property. The Rideau River flows in a northerly direction into the Ottawa River, located approximately 9.7 kilometres to the northwest of the Phase One Property.

The Phase One Property is not located within an area of natural and scientific interest (ANSI), nor does it include or is it adjacent to or is within 30 m of an ANSI, as defined in Section 41(1)(a) of O. Reg. 153/04, as amended. A map illustrating the lack of ANSI within the Phase One Study Area, nor within 2,000 m of the Phase One Property is included with the ERIS report in **Appendix F**.

The Phase One Property and Phase One Study Area have recently become serviced by the City of Ottawa municipal drinking water system, as part of the development of the Nepean Business Park. However, it is noted that there may still be water wells located within the Phase One Study Area that are utilized for human consumption and/or agricultural usage. Further details are presented in Section 4.4.5.

#### 4.4.5 Well Records

The 'Water Wells Information System' (WWIS) database (April 30, 2021) is a provincial database that describes the locations and characteristics of water wells found within Ontario, in accordance with O. Reg. 903. Based on Geosyntec's review of the ERIS database report, one well record was identified in the WWIS database for the Phase One Property. A total of 15 records were identified for other properties located within the Phase One Study Area. It should be noted that the well location markers presented in the ERIS report are based on coordinates of varying accuracy. A summary of the information gleaned from the well records review is provided in the following table:

| Well ID                     | Location               | Primary Water Use           | Final Well Status | Installation Year | Well Depth (m bgs) | Static Water Level (m bgs) |
|-----------------------------|------------------------|-----------------------------|-------------------|-------------------|--------------------|----------------------------|
| <b>PHASE ONE PROPERTY</b>   |                        |                             |                   |                   |                    |                            |
| 7392025                     | 444630 E,<br>5016758 N | Not Provided                | Not Provided      | 2021              | Not Provided       | Not Provided               |
| <b>PHASE ONE STUDY AREA</b> |                        |                             |                   |                   |                    |                            |
| 1534521                     | 443781 E,<br>5016105 N | Livestock                   | Abandoned         | 2004              | Not Provided       | Not Provided               |
| 1504705                     | 444651 E,<br>5016812 N | Domestic                    | Water Supply      | 1956              | 17.3               | 5.7                        |
| 1510965                     | 444731 E,<br>5016682 N | Domestic                    | Water Supply      | 1970              | 26.2               | 6.0                        |
| 1504702                     | 444271 E,<br>5016127 N | Livestock                   | Water Supply      | 1958              | 18.9               | 5.4                        |
| 1504703                     | 444776 E,<br>5016462 N | Domestic                    | Water Supply      | 1955              | 18.9               | 9.1                        |
| 7181888                     | 444802 E,<br>5016626 N | Monitoring<br>and Test Hole | Test Hole         | 2012              | 2.1                | Not Provided               |
| 1534771                     | 444790 E,<br>5016519 N | Not Provided                | Abandoned         | 2004              | 23.8               | Not Provided               |
| 1513688                     | 444796 E,<br>5016567 N | Livestock                   | Water Supply      | 1974              | 25                 | 8.2                        |
| 1515468                     | 444830 E,<br>5016421 N | Domestic                    | Water Supply      | 1976              | 18.6               | 7.6                        |
| 7352549                     | 444208 E,<br>5015892 N | Not Provided                | Not Provided      | 2019              | Not Provided       | Not Provided               |
| 1504097                     | 444970 E,<br>5016772 N | Domestic                    | Water Supply      | 1956              | 16.5               | 5.5                        |
| 1504087                     | 444885 E,<br>5016292 N | Domestic                    | Water Supply      | 1954              | 14                 | 9.1                        |
| 1533419                     | 444939 E,<br>5016884 N | Domestic                    | Water Supply      | 2002              | 20.4               | 12.8                       |
| 1527674                     | 444942 E,<br>5016884 N | Not Used                    | Abandoned         | 1994              | Not Provided       | Not Provided               |

The well records indicate that the shallow groundwater surface within the Phase One Study Area is located at a depth of approximately 5.4 to 12.8 m bgs. Based on the above information, there appears to be nine water supply wells located within the Phase One Study Area.

#### 4.5 Site Operating Records

Site operating records must be reviewed where the Phase One Property is an *'enhanced investigation property'*, as defined under O. Reg. 153/04, Section 32.1 (1) and Schedule D, subsection 13 (3) if: (i) the property was used at any time, in whole or in part, for industrial use; or, (ii) the property was used at any time, in whole or in part, for any of the following commercial uses:

- a) As a garage;
- b) As a bulk liquid dispensing facility, including a gasoline outlet; and
- c) For the operation of dry-cleaning equipment.

Based on the information obtained from Geosyntec's records review, there do not appear to be historical records that indicate that the Phase One Property was used for any of the above purposes; as such, the Phase One Property is not considered to be an enhanced investigation property, as defined under O. Reg. 153/04, as amended. Therefore, no Site operating records were reviewed as part of this Phase One ESA.

## 5. INTERVIEWS

Brooke Wallace of Geosyntec conducted an interview with Russell Beach, Director of Real Estate Development of Broccolini. Russell Beach was identified as the person most knowledgeable with respect to the current and historic operations at the Phase One Property and was selected to be interviewed as part of this Phase One ESA. The interview was conducted on 08 October 2024.

Russell Beach indicated the following pertinent information with respect to the Phase One Property, beyond that which was already known through records review:

- The Site was purchased by Cecil Rivington in 1953;
- Portions of the Site have been utilized for agricultural purposes, specifically for soy and corn farming, since at least the mid-1930s. Presently, only the northern portion of the Site is farmed, with agricultural operations on the southern portion having ceased in approximately 2000. No agricultural activities occurred at the Site in 2022 but resumed in 2023 and are presently occurring. Pesticides have not been applied to the Site since the 2021 Phase Two ESA soil and groundwater investigation;
- A ‘*small soil stockpile*’ was historically stored on the southern portion of the Site by the City of Ottawa during the construction of the nearby Royal Canadian Mounted Police facility at 73 Leikin Drive, located approximately 120 m to the south of the Site. The soil stockpile was reportedly removed from the Site following the cessation of construction activities;
- Agricultural drainage tiles are located across the farmed (north) portion of the Site, and a sewer easement from the City of Ottawa, which overlays the location of a municipal sewer line, intersects the central portion of the Site;
- One former groundwater monitoring well, owned and maintained by the City of Ottawa, was formerly located on the Site and was decommissioned approximately 20 years ago. Additional monitoring wells were installed in 2021 and 2024 as part of the 2021 Phase Two ESA and 2024 Geotechnical Investigation. No monitoring wells installed as part of these investigations have been decommissioned; and
- The northeastern corner of the Site previously contained encroachment from the northeastern adjoining property (2852 Merivale Road) which is occupied by Canada Paving for the storage of heavy equipment (i.e., graders and backhoes) and numerous fill stockpiles associated with paving operations. Canada Paving was utilizing the northeastern corner of the Site to store equipment and a large stockpile of granular B sub-base for construction of roadways and driveways. The encroachment of Canada Paving’s operations

onto the Site was rectified in August 2024 which consisted of the removal of equipment and the fill material stockpile with any residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available.

## 6. SITE RECONNAISSANCE

### 6.1 General Requirements

Scott Ambridge of Geosyntec completed the reconnaissance of the Phase One Property on 03 October 2024. During the visit, the temperature was approximately 18°C and the weather conditions were sunny, and the ground surface was clear. The Site reconnaissance was conducted between approximately 11:00 am and 1:00 pm. Mr. Ambridge is a registered Professional Engineer (P. Eng.) with the Professional Engineers of Ontario and has over 20 years of experience in conducting Phase One ESAs for residential, commercial, and industrial properties.

As part of the Site reconnaissance, Geosyntec looked for evidence of the presence of hazardous substances used, stored, or discarded, and inspected the Phase One Property for areas of disturbed or discolored soil, suspect equipment and/or building materials which may contain hazardous substances, areas of distressed vegetation, wastewater discharge areas, storage tanks/septic systems, waste management/disposal areas, lagoons, pits, sumps, surface water management areas, and stained surfaces. In addition, a cursory review of surrounding properties within the Phase One Study Area was conducted from publicly accessible locations. Select photographs taken during the reconnaissance are included in **Appendix G**.

### 6.2 Specific Observations at the Phase One Property

#### 6.2.1 Structures

At the time of the Site reconnaissance, the Phase One Property was comprised of agricultural cropland and open field with no buildings or structures present.

#### Below-Ground Structures

During the Site reconnaissance, Geosyntec did not observe any below ground structures on the Phase One Property, apart from manhole covers situated along the sewer easement from the City of Ottawa, which intersects the central portion of the Site. Though not observed during the Site reconnaissance, agricultural drainage tiles are reportedly located across the farmed (north) portion of the Site. No catch basins or other below ground structures are present on the Phase One Property based on the records review, interview, and observations made during the Site reconnaissance.

#### Details of Tanks

No evidence of current ASTs or USTs were identified at the Phase One Property during the Site reconnaissance.



### Potable and Non-Potable Water Sources

The Phase One Property is reportedly not currently serviced by any potable or non-potable water sources. It is expected that the surrounding properties located within the Phase One Study Area are serviced by the City of Ottawa municipal water supply and sanitary and storm sewer systems.

### **6.2.2 Underground Utilities**

At the time of the Site reconnaissance, the Phase One Property was comprised of agricultural cropland and open field and was not provided with utility service. No active buried underground utilities are expected to be located on the Phase One Property, and none were reported to be present during Geosyntec's interviewing effort. Reportedly, no utility plans are available for the Phase One Property.

### **6.2.3 Interior of Structures**

#### Exit and Entry Points

Vehicle and pedestrian access to the Phase One Property is provided from Longfields Drive to the west, Bill Leathem Drive to the south, Leikin Drive to the southeast, and from Merivale Road to the northeast. There are presently no buildings or structures on the Phase One Property. Therefore, no interior exit and entry points were observed during the Site reconnaissance.

#### Existing and Former Heating Systems

The Phase One Property is not currently equipped with any heating systems. No details or evidence of former heating systems were observed at the Phase One Property during the Site reconnaissance.

#### Cooling Systems

The Phase One Property is not currently equipped with any cooling systems. No details or evidence of former cooling systems were observed at the Phase One Property during the Site reconnaissance.

#### Drains, Pits, and Sumps

No drains, pits or sumps were observed at the Phase One Property during the Site reconnaissance.

#### Unidentified Substances (Interior)

There are presently no buildings or structures located on the Phase One Property. Therefore, no interior observations were made during the Site reconnaissance.

### Staining and Corrosion on Floor Surfaces

There are presently no buildings or structures located on the Phase One Property. Therefore, no interior observations were made during the Site reconnaissance.

## **6.2.4 Miscellaneous**

### Current and Former Wells

Based on a review of well records contained in the WWIS database (Section 4.4.5), one well was located on the Phase One Property. Geosyntec identified three monitoring wells at the Phase One Property during the Site reconnaissance. Based on information obtained during Geosyntec's interview (Section 5), these monitoring wells were associated with the 2024 Geotechnical Investigation.

### Sewage Works

No evidence of current or former sewage works was observed during the Site reconnaissance. Information pertaining to former sewage works on the Phase One Property was not available for Geosyntec's review.

Based on information obtained during Geosyntec's interview (Section 5), a sewer easement from the City of Ottawa, which overlays the location of a municipal sewer line, intersects the central portion of the Site.

### Ground Surface Cover

The Phase One Property was observed to comprise agricultural cropland and open field at the time of the Site reconnaissance. Therefore, the ground surface at the Phase One Property was observed to consist of grass, shrubs, and other vegetation.

### Current or Former Railway Lines

No evidence of current or former railway lines or spurs were observed during the Site reconnaissance.

## **6.2.5 Exterior Observations**

### Areas of Stained Soil, Vegetation or Pavement

No areas of stained soil, vegetation or pavement were observed during the Site reconnaissance.

### Stressed Vegetation

No stressed vegetation was observed during the Site reconnaissance.

### Fill and Debris

At the time of the Site reconnaissance, the Phase One Property was observed to comprise agricultural cropland and open field with no buildings or structures present. Geosyntec observed a soil berm on 2 Leikin Drive, in the eastern-central portion of the Phase One ESA Property. Geosyntec also observed several small fill piles on the southern portion of the Phase One Property, at 99 Bill Leatham Drive, which appeared to contain soil material. Further, Geosyntec observed a recently graded area in the northeastern corner of the Site which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road), which is occupied by Canada Paving for the storage of heavy equipment (i.e., graders and backhoes) and numerous fill stockpiles associated with paving operations. According to information obtained from Geosyntec's interview (Section 5), a 'small soil stockpile' was historically stored on the southern portion of the Site by the City of Ottawa during the construction of the nearby Royal Canadian Mounted Police facility at 73 Leikin Drive, located approximately 120 m to the south of the Site. The soil stockpile was reportedly removed from the Site following the cessation of construction activities. Further, the encroachment of Canada Paving's operations in the northeastern portion of Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available.

### Potentially Contaminating Activities

The following PCAs were observed during the Site reconnaissance:

- At the time of the Site reconnaissance, the farmed (north) portion of the Site was utilized for agricultural purposes, specifically for soy and corn farming. Agricultural operations may include the current or former application of pesticides; however, given that OC pesticides were not identified above the Table 2 SCS in soil or groundwater during the 2021 Phase Two ESA investigation, historical pesticide use is not considered to represent a PCA at the Phase One Property. Further, based on Geosyntec's interview, pesticides have not been applied to the Phase One Property since the 2021 Phase Two ESA was conducted;
- At the time of the Site reconnaissance, a soil berm was observed on the eastern-central portion of the Phase One ESA Property and several small fill piles were observed on the southern portion of the Phase One Property. Given that soil samples were collected and

analyzed for COPCs in the vicinity of observed potential fill material in the southern portion and east-central portion during the 2021 Phase Two ESA investigation and concentrations were less than the respective Table 2 SCS, the presence of historical fill material is not considered to represent a PCA at the Phase One Property; and

- At the time of the Site reconnaissance, a recently graded area in the northeastern corner of the Site was observed, which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road). According to Geosyntec's interview, the encroachment of Canada Paving's operations in the northeastern portion of Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available. The quality of fill material utilized to grade the former Canada Paving encroachment area in the northeast portion of the Phase One Property is unknown and is therefore considered to represent an on-Site PCA.

### Water Bodies

No on-Site water bodies were observed at the time of the Site reconnaissance.

### Areas of Natural Significance

As discussed in Section 4.4.4, a review of an ANSI map prepared by ERIS for the area within 2,000 m of the Phase One Property did not identify any ANSI within the Phase One Study Area. Furthermore, no land that would be considered as an ANSI was observed on the Phase One Property or within the Phase One Study Area during the Site reconnaissance. The ANSI map is included in **Appendix F**.

### Unidentified Substances (Exterior)

No unidentified substances were observed on the exterior of the Phase One Property during the Site reconnaissance.

## **6.2.6 Enhanced Investigation Property**

A property is considered an '*enhanced investigation property*' as defined under O. Reg. 153/04, Section 32.1 (1) and Schedule D, subsection 13 (3) if: (i) the property was used at any time, in whole or in part, for industrial use; or, (ii) the property was used at any time, in whole or in part, for any of the following commercial uses:

- a) As a garage;

- b) As a bulk liquid dispensing facility, including a gasoline outlet; and
- c) For the operation of dry-cleaning equipment.

Based on the information obtained from Geosyntec’s records review, there do not appear to be historical records that indicate that the Phase One Property was used for any of the above purposes; as such, the Phase One Property is not considered to be an enhanced investigation property, as defined under O. Reg. 153/04, as amended.

### 6.3 Phase One Study Area Observations

The Phase One Property is located in an area that is developed with a mix of agricultural, commercial, industrial, and residential properties. Based on Geosyntec’s visual observations from publicly accessible areas, a general assessment of the current uses of the adjacent properties and notable land uses within the Phase One Study Area is summarized in the table below.

| Direction | Geosyntec’s Observations  | Comments   |
|-----------|---|--|
| North     | The Site is bounded to the north by agricultural properties, as well as a small lot to the northeast, which appears to be currently utilized by Canada Paving as a storage yard (2852 Merivale Road).   | At the time of the Site reconnaissance, Geosyntec observed numerous stockpiles on the northeastern adjoining property. In addition, though not observed during the Site reconnaissance, current agricultural operations may include the application of pesticides (see below). |
| East      | The Phase One Property is bounded to the east by Paragon Avenue, Leikin Drive, and Merivale Drive, as well as a mix of agricultural properties and open field.  | Though not observed during the Site reconnaissance, current agricultural operations may include the application of pesticides (see below).   |
| South     | The Phase One Property is bounded to the south by Longfields Drive and Bill Leathem Drive, Lumentum (61 Bill Leathem Drive), a property under construction (88 Leikin Drive), and an exterior storage yard (50 Leikin Drive). Canada Post (90 Bill Leathem Drive) is present further south beyond Bill Leathem Drive. | Though not observed during the Site reconnaissance, 61 Bill Leathem Drive and 90 Bill Leathem Drive are both listed in the ERIS report for waste generation activities.  |
| West      | The Phase One Property is bounded to the west by Bill Leathem Drive and a mix of agricultural properties and open field.  | Though not observed during the Site reconnaissance, current agricultural operations may include the application of pesticides (see below).   |

Although agricultural activities were observed on properties adjacent to the north and west of the Site, given that OC pesticides were not identified above the Table 2 SCS in soil or groundwater during the 2021 Phase Two ESA investigation, historical pesticide use is not considered to represent an off-site PCA contributing to an on-site APEC at the Phase One Property.

## 6.4 Written Description of Investigation

A Site reconnaissance was conducted by Scott Ambridge of Geosyntec on 03 October 2024, which included the following:

- A walk-through of all portions of the Phase One Property. During the walk-through, an investigation was conducted to obtain and document information pursuant to all items presented in Schedule D, subsection 13 of O. Reg. 153/04. Geosyntec did not view heavily vegetated areas during the Site reconnaissance. The results of the Site investigation are presented in Section 6.2 of this report;
- A review of surrounding properties located within the Phase One Study Area from publicly accessible areas to locate and document off-Site PCAs, water bodies, and areas of natural significance;
- The Site reconnaissance was documented with a questionnaire and photographs. The following on-Site PCAs were observed during the Site reconnaissance, and are considered to result in APECs on the Phase One Property:
  - At the time of the Site reconnaissance, a recently graded area in the northeastern corner of the Site was observed, which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road). According to Geosyntec's interview, the encroachment of Canada Paving's operations in the northeastern portion of Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available. The quality of fill material utilized to grade the former Canada Paving encroachment area in the northeast portion of the Phase One Property is unknown and is therefore considered to represent an on-Site PCA.
- No on-Site water bodies were identified during the Site reconnaissance. No ANSIs were observed within the Phase One Study Area during the Site reconnaissance; and
- No off-Site PCAs were noted with respect to the surrounding properties observed within the Phase One Study Area during the Site reconnaissance, as described above in Section 6.3.

## 7. REVIEW AND EVALUATION OF INFORMATION

### 7.1 Current and Past Uses

The past property uses were determined for the Phase One Property from a chain of title (Section 4.1.4), city directories (Section 4.1.6), aerial photographs (Section 4.4.1), and other historical sources. A summary of current and past uses at the Phase One Property is presented in the following table:

| Year            | Name of Owner(s)  | Description of Property Use   | Property Use              | Other Observations from Chain of Title, Aerial Photographs, Fire Insurance Plans, etc.   |
|-----------------|---|---|---------------------------|--|
| Prior to 1944   | Various private individuals   | Inferred to be utilized for agricultural or other purposes; however, this cannot be confirmed.  | Agricultural or other use | The chain of title indicates that the Phase One Property was occupied by various private individuals prior to 1944.  |
| 1944 to 1953    | Cecil Rivington   | The Phase One Property was utilized for agricultural purposes.  |                           | The chain of title indicates that the Phase One Property was purchased by Cecil Rivington in 1944. The 1945 aerial photograph indicates that the Phase One Property was utilized for agricultural purposes (inferred cropland).  |
| 1953 to 2021    | Zena Leikin, Zena Holdings Limited, Zena-Kinder Holdings Limited, and The Corporation of The City of Nepean | The Phase One Property was utilized for agricultural purposes until approximately 2000. Presently, only the northern portion of the Phase One Property is farmed, and the southern portion of the Phase One Property is open field. |                           | The chain of title indicates that the Phase One Property was acquired by Zena-Kinder Holdings Limited (formerly Zena Leikin) in 1953. Based on information obtained from the interview, portions of the Phase One Property were utilized for agricultural purposes since at least the mid-1930s. Presently, only the northern portion of the Phase One Property is farmed, with agricultural operations on the southern portion having ceased in approximately 2000. |
| 2021 to Present | Medusa General Partner Inc., Medusa Limited Partnership   |   |                           | The chain of title indicates that the Phase One Property was purchased by the present day Site owner (Medusa General Partner Inc.) in 2021. Presently, only the northern portion of the Phase One Property is farmed, with agricultural operations on the southern portion consisting of an open field.  |

## 7.2 Potentially Contaminating Activity

Based on the results of this Phase One ESA, the following PCAs were identified on the Phase One Property, all of which are considered to represent APECs on the Phase One Property:

| PHASE ONE PROPERTY   |   |                                  |
|--|---|----------------------------------|
| PCA Classification<br><i>(Table 2 of Schedule D, O. Reg. 153/04)</i> | PCA Description   | Location of PCA                  |
| #30 – Importation of Fill Material of Unknown Quality                | At the time of the Site reconnaissance, a recently graded area in the northeastern corner of the Site was observed, which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road). The encroachment of Canada Paving’s operations in the northeastern portion of Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available. | Northeastern portion of the Site |

The following off-Site PCAs were identified within the Phase One Study Area:

| PHASE ONE STUDY AREA   |  |   |  |
|--|--|---|--|
| PCA Classification<br><i>(Table 2 of Schedule D, O. Reg. 153/04)</i>   | PCA Description  | Location of PCA   | Considered to Result in an APEC  |
| #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications | The lands to the north, east, and west of the Phase One Property are currently utilized for agricultural purposes. Current agricultural operations may include the application of pesticides.  | Lands to the immediate north, west, and east of the Site  | The Phase One Property was investigated for OC pesticides during the 2021 Phase Two ESA investigation. OC pesticides were not identified above the applicable SCS. As such, this PCA is not considered to result in an APEC.   |
| Non-Defined PCA – Waste Generation   | The property is listed in the GEN database as a generator of subject wastes including inorganic laboratory chemicals, organic laboratory chemicals, acid wastes, heavy metals, alkaline wastes, other metals, detergents/soaps, organic acids, amines, waste compressed gases, other specified organics, aliphatic | 61 Bill Leathem Drive (adjoining to the east of the Site) | No, due to inferred hydraulic transgradient location relative to the Site. In addition, registration as a generator of subject waste is a regulatory requirement pursuant to O. Reg. 347 and is not necessarily indicative of a release to soil or groundwater. Therefore, the |



| PHASE ONE STUDY AREA   |  |  |   |
|--|--|--|---|
| PCA Classification<br><i>(Table 2 of Schedule D, O. Reg. 153/04)</i> | PCA Description  | Location of PCA  | Considered to Result in an APEC   |
|  | solvents, and waste oils and lubricants from 2007 and as of January 2021.  |  | QP is of the opinion that this PCA is not considered to result in an APEC.  |
| Non-Defined PCA – Waste Generation                                   | The property is listed in the GEN database as a generator of subject wastes including alkaline wastes, heavy metals, waste oils and lubricants, aliphatic solvents, organic laboratory chemicals, petroleum distillates, light fuels, oil skimmings and sludges, waste compressed gases, other specified inorganics, paint/pigment/coating residues, and PCBs from 1996 to 2022. | 90 Bill Leathem Drive (adjoining to the southwest of the Site across Bill Leathem Drive) | No, due to inferred hydraulic transgradient location relative to the Site. In addition, registration as a generator of subject waste is a regulatory requirement pursuant to O. Reg. 347 and is not necessarily indicative of a release to soil or groundwater. Therefore, the QP is of the opinion that this PCA is not considered to result in an APEC. |
| Non-Defined PCA – Spills   | The property is listed in the SPL database for a release of 20 L of hydraulic oil to land from a blown hose on 6 March 2020.   |  |   |
| #28 – Gasoline and Associated Products Storage in Fixed Tanks        | The property is listed in the CFOT, FRST, and FST databases for an active double wall, liquid fuel UST with a capacity of 5,000 L.   | 73 Leikin Drive (located approximately 120 m south of the Site)                          | No, due to inferred hydraulic transgradient location relative to the Site.  |
| #28 – Gasoline and Associated Products Storage in Fixed Tanks        | The property is listed in the FST database for three single wall, liquid fuel USTs with capacities of 15,000 L and 22,700 L.   | 2931 Highway 16 (located approximately 190 m east of the Site)                           | No, due to inferred hydraulic transgradient location relative to the Site.  |

The locations of the PCAs identified in the Phase One Study Area are shown on **Figure 4**.

The following PCA from the above tables are considered to represent APECs on the Phase One Property:

| PCA Classification<br><i>(Table 2 of Schedule D, O. Reg. 153/04)</i> | Location of PCA                              |
|--|--|
| #30 – Importation of Fill Material of Unknown Quality                | On-Site (northeast corner of 2 Leikin Drive) |

### 7.3 Areas of Potential Environmental Concern

A summary of APECs identified at the Phase One Property is presented in the following table:

| Area of Potential Environmental Concern   | Location of Area of 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 (Ground Water, Soil and/or Sediment) |
|---|---|---|---------------------------------------|--|---|
| APEC #1– Potential presence of fill material of unknown quality on the northeastern corner of the Phase One Property. | Northeastern Portion of the Phase One Property                            | #30 – Importation of Fill Material of Unknown Quality | On-Site                               | PHCs, PAHs, VOCs, Metals (including As, Sb, Se, Cr [VI], Hg, methyl mercury), Na, B-HWS, Cl-, CN-, low or high pH, EC, and SAR | Soil  |

**Notes:**

VOCs – Volatile Organic Compounds

PHCs F1-F4 – Petroleum Hydrocarbons Fractions F1 to F4

PAHs – Polycyclic Aromatic Hydrocarbons

As, Sb, Se – Arsenic, Antimony, and Selenium

CN- - Cyanide

Cr (VI) – Hexavalent Chromium

B-HWS – Boron (Hot Water Soluble)

Hg – Mercury

Na – Sodium

Cl- – Chloride

EC – Electrical Conductivity

SAR – Sodium Adsorption Ratio

## 7.4 Phase One Conceptual Site Model

The Phase One CSM is depicted in **Figures 1** through **5** of **Appendix A**, which illustrate the following, where applicable:

- Existing buildings and structures;
- Water bodies located in whole or in part within the Phase One Study Area;
- Areas of natural significance located in whole or in part on the Phase One Study Area;
- Roads (including names) within the Phase One Study Area;
- Areas where any PCA has occurred, and locations of tanks in the Phase One Study Area;
- APECs;
- Drinking water wells at the Phase One Property; and
- Uses of properties adjacent to the Phase One Property.

### 7.4.1 Potentially Contaminating Activities

One on-Site PCA was identified during the Phase One ESA, which led to one APEC on the Phase One Property:

- **#30 – Importation of Fill Material of Unknown Quality:** At the time of the Site reconnaissance, a recently graded area in the northeastern corner of the Site was observed, which according to the 2021 Phase One ESA, previously contained fill stockpiles that were inferred to be related to operations on the northeastern adjoining property (2852 Merivale Road). The encroachment of Canada Paving’s operations in the northeastern portion of Phase One Property was rectified in August 2024. The previous fill material (consisting primarily of granular B sub-base for construction of roadways and driveways) was largely removed with some residual material spread out across the area and graded. No documentation indicating the quality of the remaining fill material was available.

The PCA and APEC are shown on **Figure 4** and **Figure 5** of **Appendix A**, respectively.

### 7.4.2 Underground Utilities

At the time of the Site reconnaissance, the Phase One Property was comprised of agricultural cropland and open field and was not provided with utility service. During Geosyntec’s 2021 Phase Two ESA, it was revealed that a City of Ottawa trunk sewer bisects the Phase One Property. No other active buried underground utilities are expected to be located on the Phase One Property, and none were reported to be present during Geosyntec’s interviewing effort.

### 7.4.3 Geological and Hydrogeological Information

A review of the ERIS ‘*Ontario Base Map (OBM)*’ map, as well as satellite imagery available for viewing on Google Earth™, indicates that the Phase One Property is situated at an elevation of approximately 90 m amsl. Regional topography slopes gently downward to the east towards the Rideau River.

According to the ERIS ‘*Physiography of Southern Ontario*’ map, the physiography of the Phase One Study Area is derived from the Ottawa Valley clay plains. The ERIS ‘*Surficial Geology of Southern Ontario*’ map indicates that the Phase One Study area is located in a region comprised of offshore marine deposits (clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands). These native clay soils are associated with post-glacial Champlain Sea marine deposits. A Champlain Sea clay deposit typically includes a surficial crust (consisting of stiffer and drier clay) underlain by a weaker and more compressible clay layer (City of Ottawa, 2017). According to the ERIS ‘*Bedrock Geology of Ontario*’ map, the bedrock at the Phase One Property is comprised of dolostone and sandstone of the Beekmantown Group.

According to the 2021 Phase Two ESA by Geosyntec groundwater flow is to the southwest and present at a depth of 1.08 to 1.23 m bgs based on elevation data collected from groundwater monitoring wells located throughout the Phase One Property

Copies of the ERIS maps described above are provided in **Appendix F**.

#### **7.4.4 Data Gaps and Uncertainty**

The following data gaps are identified:

- The ERIS report indicates that poor or inadequate address information was available for a total of 78 *'unplottable sites'* located in the vicinity of the Phase One Property; therefore, these properties could not be readily mapped by ERIS. Because the location of these records with respect to the Phase One Property could not be discerned, Geosyntec is limited in its ability to express an opinion regarding the potential for environmental impact to the Phase One Property from these properties.

## 8. CONCLUSIONS

### 8.1 Requirement for a Phase Two Environmental Site Assessment

As discussed in Section 7.3, the Phase One ESA identified one APEC for the Phase One Property. Therefore, a Phase Two ESA is required to be completed in accordance with O. Reg. 153/04.

### 8.2 Qualifications of the Assessors

#### *Paula Hutchison, P.Eng. (ON), QP<sub>ESA</sub>*

Ms. Hutchison is a Senior Principal with Geosyntec, a licensed Professional Engineer in the Province of Ontario, and a Qualified Person, Environmental Site Assessment (QP<sub>ESA</sub>), as defined by O. Reg. 153/04. Since 2006, she has over worked full-time as an engineer on a variety of environmental projects throughout Canada and the United States. Ms. Hutchison's technical focus throughout her career has been related to projects involving environmental site investigations, remediation, and risk assessment. Included in her experience are the following types of work: property transaction environmental due diligence (e.g., Phase I and II ESAs; estimation of remediation costs; etc.); evaluation of compliance with environmental regulations; performance of remedial investigation/feasibility studies for contaminated properties; evaluation of the applicability of remedial measures for contaminated soil, groundwater and surface water systems; execution of risk assessments; and filing of Records of Site Conditions (RSCs). Ms. Hutchison has served as the primary author of 100's of environmental due diligence reports (Phase I and/or II ESAs) located in Ontario. Ms. Hutchison holds a Bachelor of Applied Science degree in Environmental Engineering with Chemical Specialization.

#### *Scott Ambridge, P.Eng. (ON)*

Scott is a Senior Environmental Professional in Geosyntec's Ottawa office with over 20 years' experience in the investigation, assessment, and remediation of contaminated sites in Canada, the United States, Australia, and New Zealand. Over the course of his career Scott has gained significant experience in Phase I and Phase II Environmental Site Assessments (ESAs) and environmental due diligence assessments, remediation options evaluations (ROEs) and remediation action plans (RAPs). Scott has been involved in the remedial planning, design, tendering, contraction and implementation in a number of industries including: municipal land clean ups, chemical manufacturing, electronics manufacturing, Defence and explosive sites, coal gasification and petroleum distribution and refining. Scott also specializes in risk based probabilistic cost and volume modelling using Monte Carlo analysis for remedial planning and costing. Scott has managed a number of record of site condition (RSC) Phase I and Phase II Environmental Assessments conducted under O. Reg 153/04 and is familiar with Ontario

environmental regulations. He holds a Bachelor of Environmental Engineering from the Carleton University and a Master of Applied Science in Engineering Physics from McMaster University.

***Brooke Wallace***

Ms. Wallace is a Professional Scientist in Geosyntec’s Due Diligence and Brownfields group. She obtained her Bachelor of Science (Honours) from the University of Guelph in 2015, majoring in Environmental Science. Her areas of expertise include phased Environmental Site Assessments (ESAs), soil vapour and indoor air quality assessments, soil and ground water investigation, and remediation. Ms. Wallace has experience providing technical support and project management on client projects for transactional due diligence purposes, Ontario brownfields redevelopments (Records of Site Condition filings), and environmental litigation support. She has completed over one hundred assessments across Canada for a variety of commercial and industrial land uses.

***Hadiqa Butt***

Ms. Butt is a Staff Professional in Geosyntec’s Due Diligence and Brownfields group. She obtained her Bachelor of Applied Science and Environmental Engineering from the University of Waterloo in 2024. She had participated in the cooperative education program at the University of Waterloo and completed five work terms. She has experience in environmental field work including soil sampling, groundwater sampling and drilling supervision. She also has experience in Phase I Environmental Site Assessments (ESAs) and supporting due diligence projects.

### 8.3 Signatures

Geosyntec prepared this Phase One Environmental Site Assessment for the property located at 99 Bill Leathem Drive, 2 Leikin Drive and 20 Leikin Drive, Ottawa, Ontario in accordance with the requirements stipulated in O. Reg. 153/04, as amended.

The conclusion of this Phase One ESA is based on the best judgement of the QP<sub>ESA</sub> and the results of the records review of the title search, city directory search, ERIS report, aerial photographs, interviews with personnel familiar with the Phase One Property, and completion of the Phase One Property Site reconnaissance.

This Phase One ESA was prepared and written by Hadiqa Butt, Brooke Wallace, and Scott Ambridge, P.Eng., and reviewed by Paula Hutchison, P. Eng., and QP<sub>ESA</sub> for this Phase One ESA.

Respectfully Submitted,

Paula Hutchison, P. Eng., QP<sub>ESA</sub>  
Senior Principal Engineer



## 9. REFERENCES

geoOttawa. Accessed October 2024. <https://maps.ottawa.ca/geottawa/>

John D. Paterson and Associates Limited. Phase I Environmental Site Assessment Vacant Commercial Property South Merivale Business Park, Nepean, Ontario. September 28, 1998.

Geofirma Engineering Ltd., Dillon Consulting Limited, and the City of Ottawa. Elevated Background Metals Concentrations in Champlain Sea Clay – Ottawa Region. 2017.

Geosyntec Consultants International, Inc. Phase One Environmental Site Assessment, 99 Bill Leatham Drive, 2 Leiken Drive, and 20 Leikin Drive, Ottawa, Ontario. May 17, 2021.

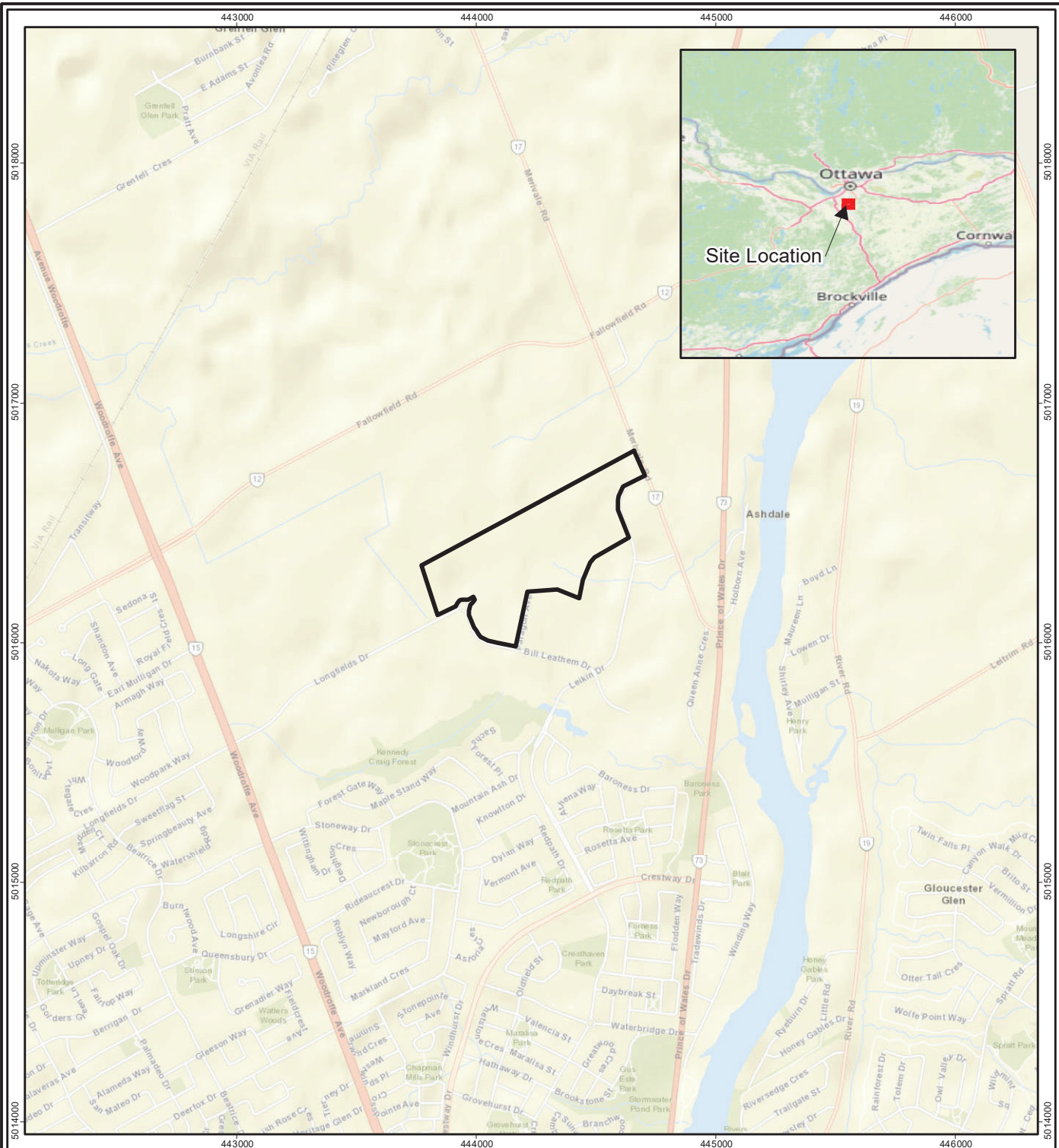
Geosyntec Consultants International, Inc. Phase Two Environmental Site Assessment, 99 Bill Leatham Drive, 2 Leiken Drive, and 20 Leikin Drive, Ottawa, Ontario. July 23, 2021. Paterson Group. Geotechnical Investigation, Proposed Sortation Facility, 99 Bill Leatham Drive, 2 & 20 Leikin Drive and 11 Beckstead Road, Ottawa, Ontario. September 10, 2024.

Province of Ontario. Ontario Regulation 153/04, Records of Site Condition – Part XV.1 of the Act.

Province of Ontario. Well Records mapping tool. Accessed October 2024. <https://www.ontario.ca/environment-and-energy/map-well-records>



**APPENDIX A**  
**FIGURES**



**Legend:**

 Phase One Property Location

**FIGURE 1**

**SITE LOCATION MAP**

99 BILL LEATHAM DRIVE AND 2 AND 20 LEIKIN DRIVE,  
OTTAWA, ONTARIO

- Notes:
- 1) Map Projection: NAD 1983 UTM Zone 18N
  - 2) Data Source Credits

- 3) Service Layer Credits
- 4) Imagery Credits: © OpenStreetMap (and) contributors, CC-BY-SA  
Sources: Esri, HERE, Garmin, USGS,

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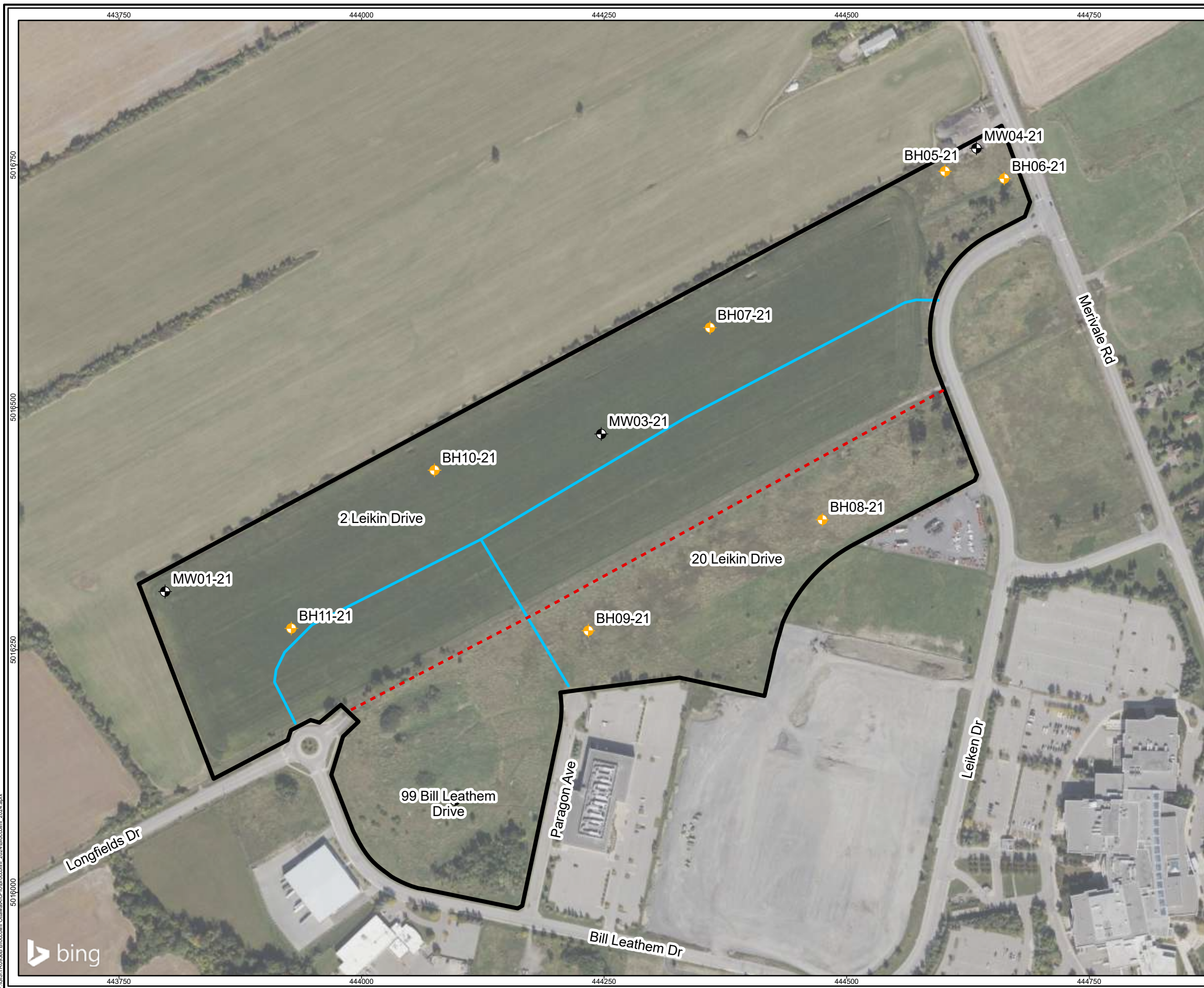
|                             |                             |                |
|-----------------------------|-----------------------------|----------------|
| OFFICE LOCATION<br>SEATTLE  |                             | REVISION<br>00 |
| DATE PLOTTED<br>13-May-2021 | DATE REVISED<br>13-May-2021 | REVIEWED<br>MG |
| APPROX. SCALE<br>1:24,000   | PAGE SIZE<br>8.5 x 11 in    | CHECKED<br>DH  |
|                             |                             | DRAWN<br>MVI   |

**Geosyntec**   
consultants

TRUE NORTH



0 200 400 600 m



**Legend**

- Monitoring Well Location (Geosyntec, 2021)
- Borehole Location (Geosyntec, 2021)
- Sewer Line
- Approximate Parcel Boundaries
- Phase One Property Boundary

**Notes:**  
 1) Map Projection: NAD 1983 UTM Zone 18N  
 2) Sanitary Sewer source: <https://maps.ottawa.ca/geoottawa/>, retrieved April 28, 2021  
 3) Imagery Bing Maps Aerial: © 2024 Microsoft Corporation © 2024 Maxar ©CNES (2024) Distribution Airbus DS

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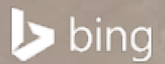
**FIGURE 2**

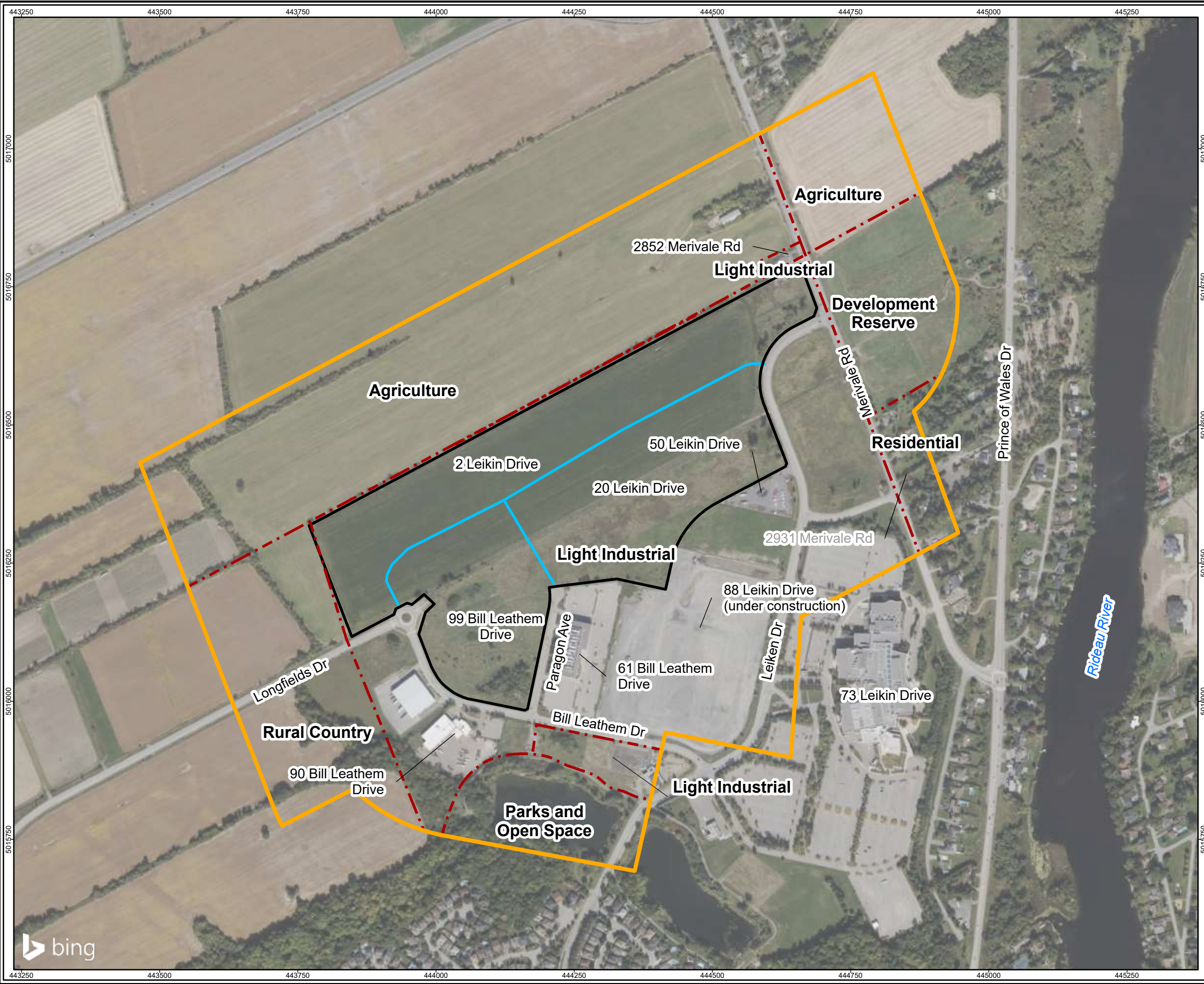
**Site Layout Map**

99 Bill Leatham Drive and  
2 and 20 Leikin Drive

|                 |             |              |             |                   |
|-----------------|-------------|--------------|-------------|-------------------|
| OFFICE LOCATION | GUELPH      | REVISION     | 00          | <p>TRUE NORTH</p> |
| DATE PLOTTED    | 24-Oct-2024 | DATE REVISED | 24-Oct-2024 |                   |
| APPROX. SCALE   | 1:4,000     | CHECKED      | BW          |                   |
| PAGE SIZE       | 11 x 17 in  | DRAWN        | JK          |                   |

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**Legend**

- Phase One Property Boundary
- Phase One Study Area (250 m from Phase One Property Boundary)
- Approximate Parcel Boundaries
- Zoning Boundaries within Phase One Study Area

ADDRESS Former Address (Location Approximate)

**Notes:**

- 1) Map Projection: NAD 1983 UTM Zone 18N
- 2) Zoning Boundaries within Study Area source: <https://maps.ottawa.ca/geottawa/>, retrieved April 28, 2021
- 3) Imagery Bing Maps Aerial: © 2024 Microsoft Corporation © 2024 Maxar © CNES (2024) Distribution Airbus DS

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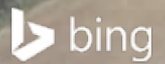
**FIGURE 3**

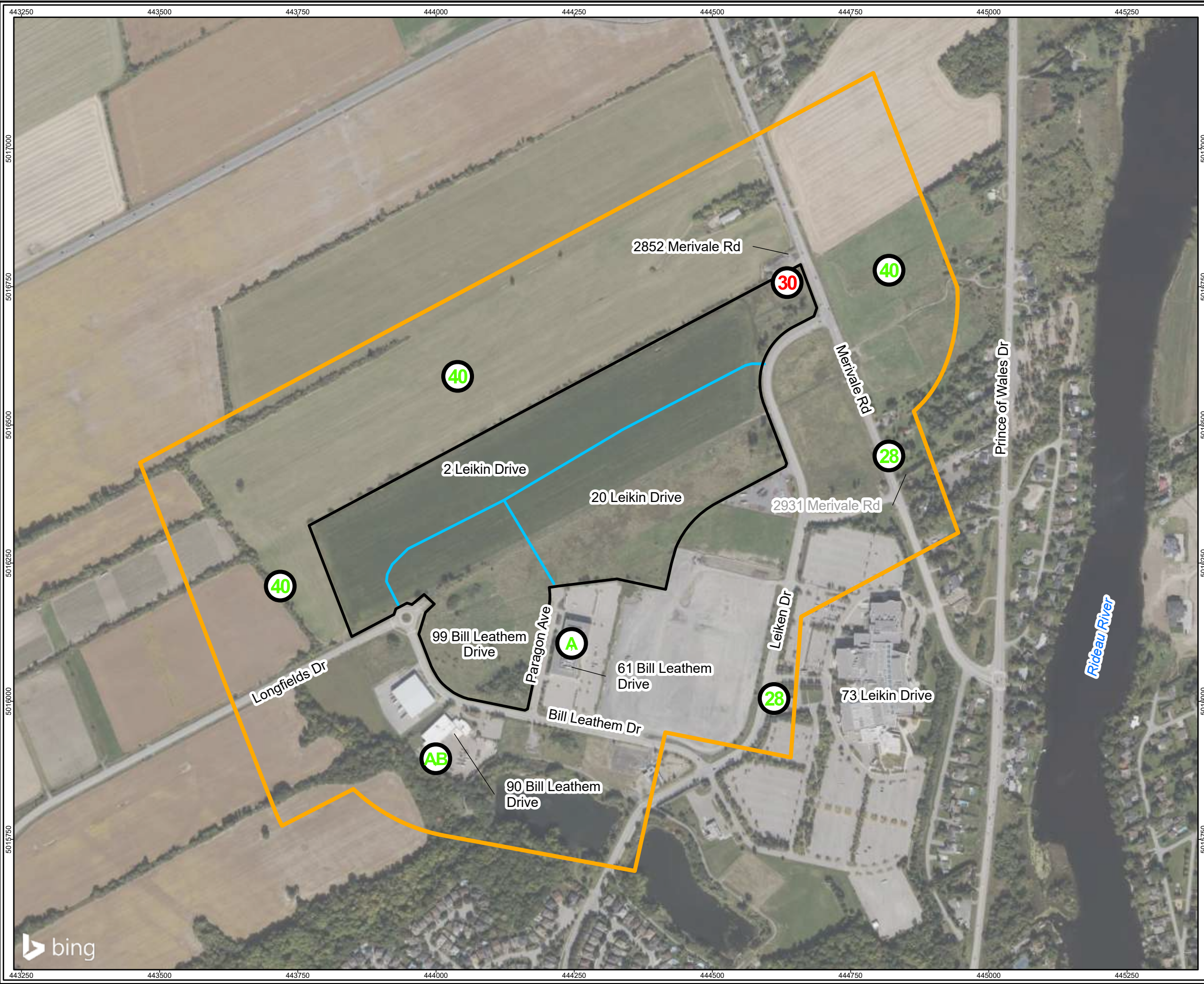
**Phase One Study Area**

99 Bill Leatham Drive and  
2 and 20 Leikin Drive

|                             |                             |                |  |
|-----------------------------|-----------------------------|----------------|--|
| OFFICE LOCATION<br>GUELPH   |                             | REVISION<br>01 | <p style="font-size: 8px; margin: 0;">TRUE NORTH</p> |
| DATE PLOTTED<br>24-Oct-2024 | DATE REVISED<br>24-Oct-2024 | REVIEWED<br>MG |  |
| APPROX. SCALE<br>1:7,000    | PAGE SIZE<br>11 x 17 in     | CHECKED<br>BW  |  |
|                             |                             | DRAWN<br>JK    |  |

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**Legend**

- 40 PCA resulting in an APEC
- A Off-Site PCA not resulting in an APEC
- Approximate Parcel Boundaries
- Phase One Study Area (250 m from Phase One Property Boundary)
- Phase One Property Boundary

ADDRESS Former Address (Location Approximate)

Potentially Contaminating Activities (PCAs) per Table 2, Schedule D of O. Reg. 153/04

- #28 - Gasoline and Associated Products Storage in Fixed Tanks
- #30 - Importation of Fill Material of Unknown Quantity
- #40 - Pesticide (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

Non-Defined PCAs:

- A - Waste Generation
- B - Spills

Notes:

- 1) Map Projection: NAD 1983 UTM Zone 18N
- 2) Imagery: Bing Maps Aerial; © 2024 Microsoft Corporation © 2024 Maxar © CNES (2024) Distribution Airbus DS

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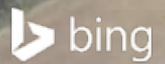
**FIGURE 4**

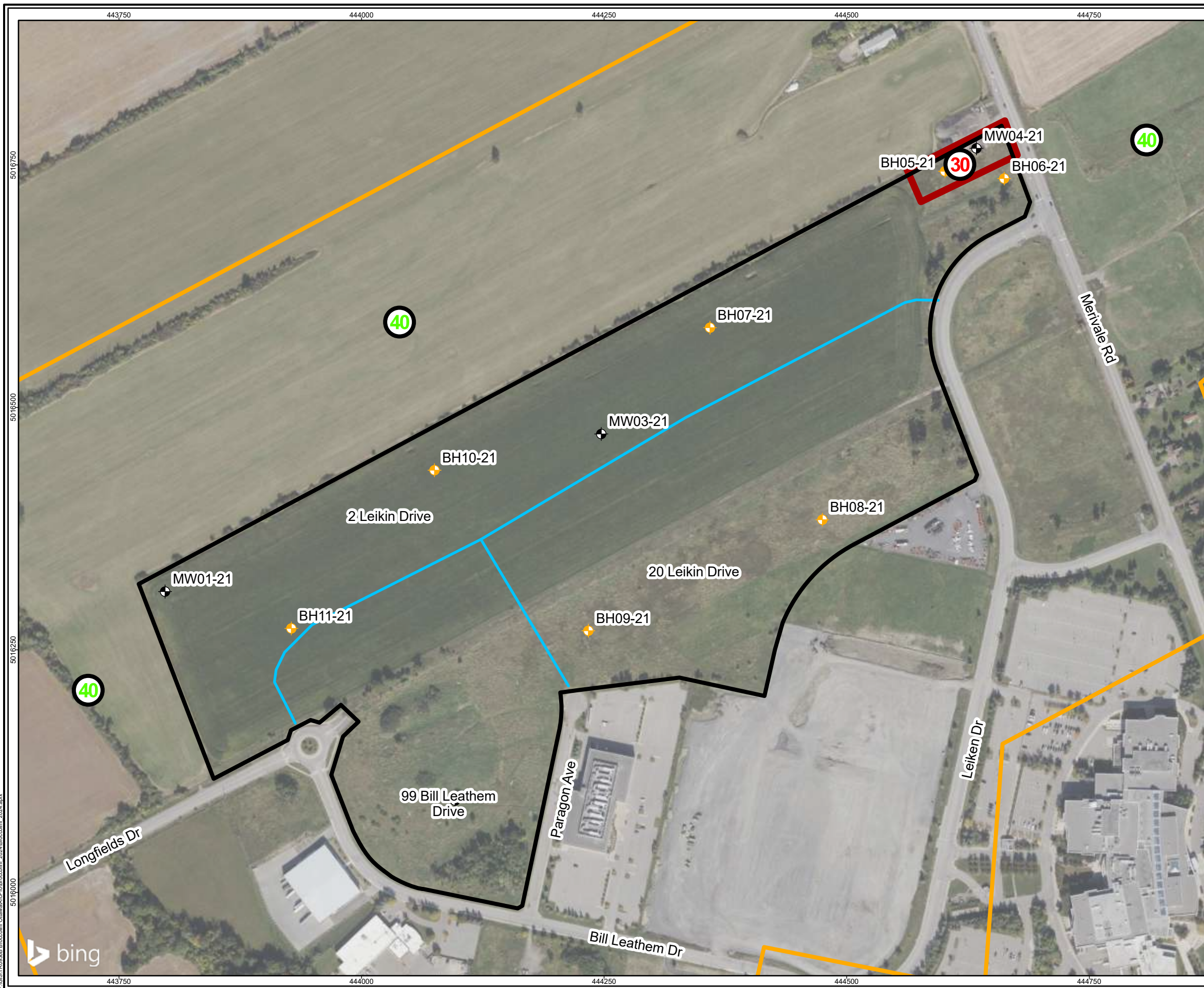
**Potentially Contaminating Activities**

99 Bill Leatham Drive and  
2 and 20 Leikin Drive

|                             |                             |                   |   |
|-----------------------------|-----------------------------|-------------------|---|
| OFFICE LOCATION<br>GUELPH   |                             | REVISION<br>01    | <p style="font-size: small;">TRUE NORTH</p> |
| DATE PLOTTED<br>24-Oct-2024 | DATE REVISED<br>24-Oct-2024 | REVIEWED<br>KJ/HB |   |
| APPROX. SCALE<br>1:7,000    | PAGE SIZE<br>11 x 17 in     | CHECKED<br>BW     |   |
|                             |                             | DRAWN<br>JK       |   |

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- Legend**
- 40 PCA resulting in an APEC
  - Monitoring Well Location (Geosyntec, 2021)
  - Borehole Location (Geosyntec, 2021)
  - Approximate Parcel Boundaries
  - Phase One Property Boundary
  - Phase One Study Area (250 m from Phase One Property Boundary)
  - APEC #1 - Importation of Fill of Unknown Quality (Encroachment)

**Notes:**  
 1) Map Projection: NAD 1983 UTM Zone 18N  
 2) Sanitary Sewer source: <https://maps.ottawa.ca/geoottawa/>, retrieved April 28, 2021  
 3) Imagery Bing Maps Aerial: © 2024 Microsoft Corporation © 2024 Maxar ©CNES (2024) Distribution Airbus DS

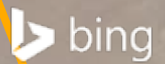
The information and figures reflected in this document were prepared by Geosyntec Consultants, Inc. in relation to a specific scope of work and are the intellectual property of Geosyntec and its Client. Any use of the document or the information reflected therein, except by Geosyntec's Client in accordance with the terms of the agreement between the two, is not authorized.

**FIGURE 5**  
**Areas of Potential Environmental Concern**

99 Bill Leatham Drive and  
 2 and 20 Leikin Drive

|                 |             |              |             |                    |
|-----------------|-------------|--------------|-------------|--------------------|
| OFFICE LOCATION | GUELPH      | REVISION     | 00          | <br>TRUE NORTH<br> |
| DATE PLOTTED    | 24-Oct-2024 | DATE REVISED | 24-Oct-2024 |                    |
| APPROX. SCALE   | 1:4,000     | CHECKED      | BW          |                    |
| PAGE SIZE       | 11 x 17 in  | DRAWN        | JK          |                    |

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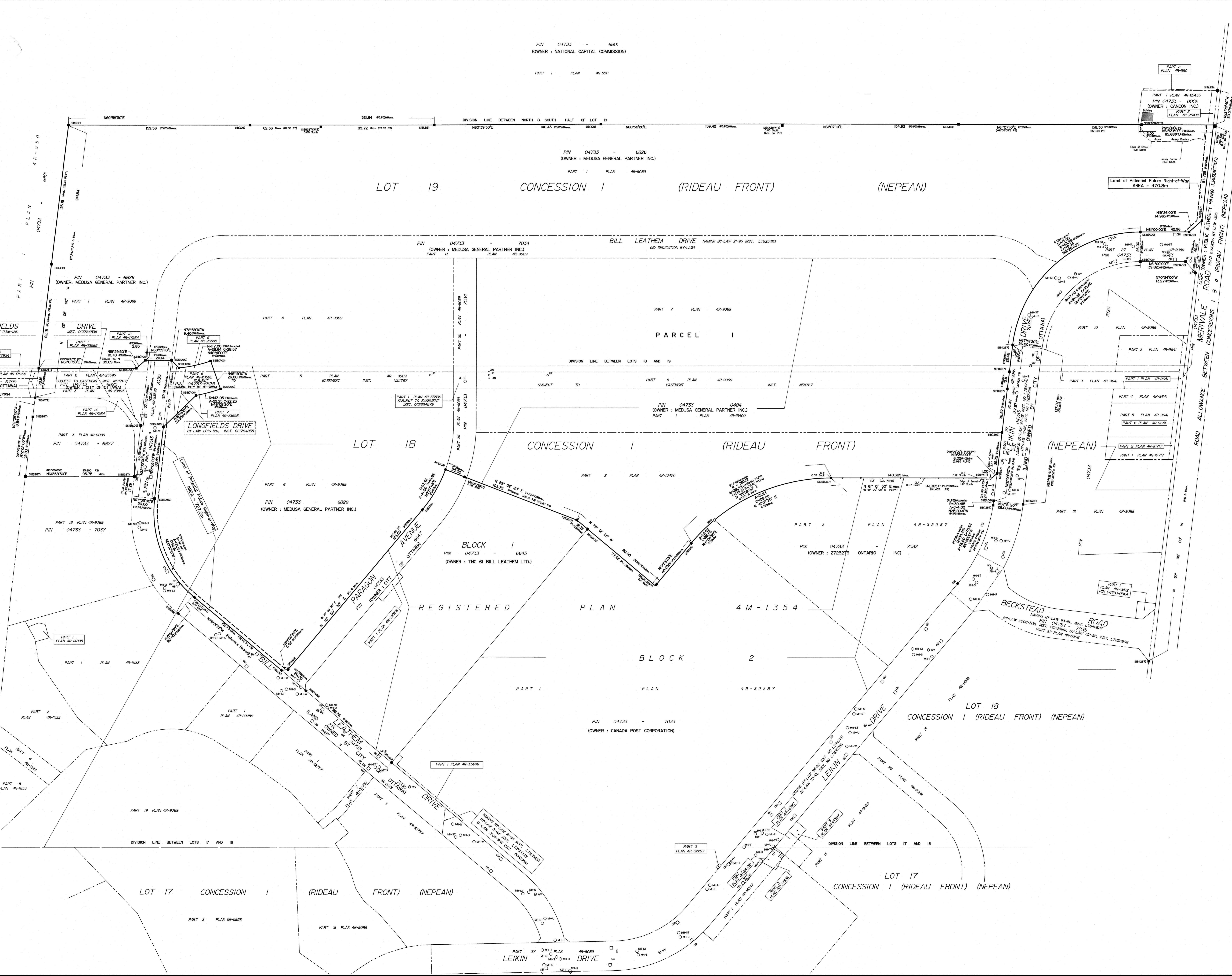


**APPENDIX B**  
**PLAN OF SURVEY**

|    |  |
|----|--|
| 1  | MONUMENTS HAVE BEEN PLACED AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE SURVEYED PROPERTY UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES MONUMENTS IN CLOSE PROXIMITY OF THE CORNER.  |
| 2  | ALTA/ACSM LAND TITLE SURVEY OF<br>South Merivale Business Park<br>OTTAWA, ONTARIO  |
| 3  | FLOOD INFORMATION<br>THE PROPERTY IS NOT LOCATED IN A 100-YEAR FLOOD PLAIN OR IN AN AREA SUBJECT TO A REGULATION PURSUANT TO THE CONSERVATIONS AUTHORITIES ACT (ONTARIO) DESIGNATING IT AS AN AREA SUSCEPTIBLE TO FLOODING OR WHERE FILLING IN OF LAND IS PROHIBITED OR WHERE DIVERTING OR ALTERING A STREAM OR WATERCOURSE IS PROHIBITED. |
| 4  | LAND AREA<br>PARCEL 1 = 30,582.48 HECTARES (75.57 ACRES)   |
| 5  | ZONING INFORMATION<br>LIGHT INDUSTRIAL, SUBZONE S-11.8   |
| 6  | BUILDING INFORMATION<br>NO BUILDINGS   |
| 7  | SUBSTANTIAL FEATURES<br>NO SUBSTANTIAL FEATURES  |
| 8  | PARKING STRUCTURES<br>REGULAR = 0 HANDICAP = 0 TOTAL = 0   |
| 9  | UNDERGROUND SERVICES<br>SEE PLAN FOR VISIBLE HARDWARE ONLY. NO UNDERGROUND LOCATES WERE PERFORMED.   |
| 10 | ADJOINING OWNERS<br>SEE PLAN   |
| 11 | ACCESS TO THE NEAREST INTERSECTING STREET<br>THE PROPERTY FRONTS ONTO LEIKIN DRIVE, PARAGON AVENUE, BILL LEATHAM DRIVE, LONGFIELDS DRIVE AND MERIVALE ROAD   |

|    |  |
|----|--|
| 12 | EARTH MOVING NOTE<br>THERE IS NO OBSERVABLE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.   |
| 13 | PROPOSED CHANGES IN STREET RIGHT-OF-WAY LINES<br>THERE IS NO OBSERVABLE EVIDENCE OF CHANGES TO EXISTING RIGHTS-OF-WAY OF PUBLIC STREETS.   |
| 14 | EASEMENTS<br>EASEMENT IN FAVOR OF THE CITY OF OTTAWA (AS IN INSTRUMENTS N311767 & O2334579) AS ILLUSTRATED ON THE PLAN   |
| 15 | PROFESSIONAL LIABILITY INSURANCE POLICY<br>PROVIDED IN SEPARATE DOCUMENT.  |
| 16 | BEARING NOTE<br>BEARINGS ARE ORO, DERIVED FROM THE WESTERLY LIMIT OF BILL LEATHAM DRIVE SHOWN TO BE N70°02'00"W ON PLAN 4R-32287 AND ARE REFERRED TO THE CENTRAL MERIDIAN OF MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL). |

| LEGEND AND ABBREVIATIONS |                                   |
|--------------------------|-----------------------------------|
| ○                        | SURVEY MONUMENT PLANTED           |
| ○                        | SURVEY MONUMENT FOUND             |
| SB                       | STANDARD IRON BAR                 |
| SB                       | SHORT STANDARD IRON BAR           |
| B                        | IRON BAR                          |
| MT                       | SURVEY MONUMENT 0.3 METRE LONG    |
| W                        | WITNESS                           |
| W                        | WITNESSED                         |
| Acc                      | ACCEPTED                          |
| (A203)                   | ANNIS, O'SULLIVAN, VOLLEBEKK LTD. |
| (P1)                     | REGISTERED PLAN 4R-1354           |
| (P2)                     | PLAN 4R-32287                     |
| (P3)                     | PLAN 4R-30289                     |
| (P4)                     | PLAN 4R-15402                     |
| (P5)                     | PLAN 4R-2550                      |
| (P6)                     | PLAN 4R-23565                     |
| (P7)                     | PLAN 4R-17934                     |
| (P8)                     | PLAN 4R-25435                     |
| (P9)                     | 4R-11133                          |
| (P10)                    | LAND PLAN DATED APRIL 21, 2021    |
| UP                       | UTILITY POLE                      |
| MC                       | MICRO                             |
| CLF                      | CHAIN LINK FENCE                  |
| ○                        | FIRE HYDRANT                      |
| ○                        | WATER VALVE                       |
| ○                        | MAINTENANCE HOLE (STORM SEWER)    |
| ○                        | MAINTENANCE HOLE (SANITARY)       |
| ○                        | MAINTENANCE HOLE (WATER)          |
| ○                        | MAINTENANCE HOLE (TRAFFIC)        |
| ○                        | MAINTENANCE HOLE (HYDRO)          |
| ○                        | MAINTENANCE HOLE (UNIDENTIFIED)   |
| ○                        | CATCH BASIN INLET                 |
| ○                        | CATCH BASIN                       |
| ○                        | HANDHOLE                          |



**KEY PLAN Not to Scale**

**NORTH ARROW & SCALE**

Scale 1 : 1000

Metric DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 3.048

**SHEET 1 OF 1**

**PLAN OF SURVEY OF**

**PIN 04733-6826(LT),**  
**PIN 04733-6829(LT),**  
**PIN 04733-6845(LT) and**  
**PIN 04733-7034(LT)**  
**PART OF LOTS 18 and 19**  
**CONCESSION 1 (RIDEAU FRONT)**  
**Geographic Township of Nepean**

Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

Survey amended to illustrate potential future Right-of-Ways on September 27, 2024

THIS SURVEY DESCRIBES AND DEPICTS THE SAME LAND AS DESCRIBED IN THE TITLE COMMITMENT AS REFERENCED ABOVE.

- SURVEYOR'S NOTES**
- Note 1: The subject property has access to public utilities from the public streets adjacent to the subject property.
  - Note 2: The subject property abuts, without gas gores or strips, and has vehicular and pedestrian ingress to and egress from Leikin Drive, Paragon Avenue, Bill Leatham Drive and Longfields Drive, which are completed, dedicated and accepted public rights of way.
  - Note 3: Except as shown and noted on this Survey, based on a careful physical inspection of the subject property, a zoning report or letter provided by the client, and matters of record or provided by the title company or client, there are no visible:
    - (i) height or bulk restrictions, setback lines, parking requirements, party walls, encroachments or overhangs of any improvements upon any easement, right-of-way or adjacent land or encroachment of the improvements located on adjacent land onto the subject property, other than as noted on the plan.
  - Note 4: The subject property does not appear to serve any adjoining property for utilities, drainage, structural support or ingress or egress.
  - Note 5: The legal description on and depiction of the subject property contained in the survey describe and depict the same property described in the legal description contained in that certain Title Commitment/Preliminary Report issued by \_\_\_\_\_ on \_\_\_\_\_ under Order No. \_\_\_\_\_ (No report provided).
  - Note 6: The record description of the subject property forms mathematically closed figures.
  - Note 7: There is no observed evidence of the site being used as a solid waste dump, pump or sanitary landfill.
  - Note 8: The survey reflects the location of wetlands on the subject property based on the wetland delineation provided by the client. (No report provided).

**SURVEYOR'S CERTIFICATE**  
 ALTA/ACSM Land Title Survey  
 Surveyor's Certification

To: Medusa Limited Partnership & Medusa Colwest Limited Partnership  
 18705 McTiara-Canada, Suite 500  
 Kirkland, Quebec H9H 1M7

This is to certify that this map or plan and the survey on which it is based were made in accordance with the Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 6(a), 6(b), 8, 9, 11, 13, 14, 16, 17 and 18 of Table A thereof. This field work was completed on August 9th, 2024.

Registered Surveyor: V. Andrew Sheip  
 Ontario Land Surveyor No. 1719  
 In the Province of Ontario  
 Date of Survey: August 9th, 2024.  
 ADV Reference: 24149-24

**Surveyor's Certificate**

I CERTIFY THAT:

- This survey and plan are correct and in accordance with the Survey Act and the Surveyors Act and the regulations made under them.
- This survey was completed on the 9th day of August, 2024.

August 9, 2024  
 Date

**ASSOCIATION OF ONTARIO LAND SURVEYORS**  
 PLAN SUBMISSION FORM  
 V-44283  
 THIS SURVEY WILL BE MADE PUBLIC BY THE SURVEYOR'S OFFICE ON SEPTEMBER 27, 2024.



**APPENDIX C**  
**CHAIN OF TITLE**

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 2 Leikin Drive, Nepean  
 Legal Description: Pt Lots 18 & 19 Con 1 RF  
Pt 5 4R8388 & Pts 4-6 4R8276  
 PIN #: 04733-6829 (LT)

Searched at: Ottawa  
 LRO #: 4

| INSTR # | DOC. TYPE                        | REG. DATE  | PARTY FROM      | PARTY TO        |
|---------|----------------------------------|------------|-----------------|-----------------|
|         | Patent<br>(Pt Lt 18 - 200 Acres) | 17 01 1832 | Crown           | John SMITH      |
|         | Patent<br>(PT Lt 19 - 200 Acres) | 20 10 1834 | Crown           | Maria ROBERTSON |
| 529     | Deed                             | 08 05 1832 | John Smith      | Asza WERDON     |
| 1161    | Deed                             | 02 07 1837 | Maria Robertson | Benjamin HOLMES |
| 1692    | Deed                             | 10 04 1841 | Asza Werdon     | Sidney HELMER   |
| 5150    | Deed                             | 26 04 1841 | Sidney Helmer   | James BURROWS   |
| 4465    | Deed                             | 28 02 1850 | Benjamin Holmes | William HOPPER  |
| 4466    | Deed                             | 28 02 1850 | William Hopper  | George HOPPER   |
| 4850    | Deed                             | 15 01 1851 | George Hopper   | John STINSON    |

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 2 Leikin Drive, Nepean  
 Legal: Pt Lots 18 & 19 Con 1 RF  
 Description: Pt 5 4R8388 & Pts 4-6 4R8276

PIN #: 04733-6829 (LT)

Searched at: Ottawa  
 LRO #: 4

Page 2

| INSTR # | DOC. TYPE          | REG. DATE  | PARTY FROM        | PARTY TO            |
|---------|--------------------|------------|-------------------|---------------------|
| 415     | Deed               | 09 02 1870 | James Burrows     | Henry BURROWS       |
| 1205    | Deed               | 01 05 1872 | John Stinson      | James FALLS         |
| 3451    | Deed               | 10 04 1875 | Henry Burrows     | William FULFORD     |
| 6599*   | Deed               | 03 11 1879 | William Fulford   | Jane JOHNSTON       |
| 11702   | Deed               | 30 04 1887 | James Falls       | John FALLS          |
| 1603    | Deed               | 06 02 1893 | Jane Johnston     | John STINSON        |
| 31882   | Deed               | 02 04 1918 | John Falls        | William J. R. FALLS |
| 39432   | Deed               | 05 07 1926 | John Stinson      | Frederick STINSON   |
| 51421   | Deed<br>(Pt Lt 18) | 19 05 1944 | Frederick Stinson | Cecil RIVINGTON     |

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 2 Leikin Drive, Nepean  
 Legal: 2 Leikin Drive, Nepean  
 Description: Pt Lots 18 & 19 Con 1 RF  
Pt 5 4R8388 & Pts 4-6 4R8276  
 PIN #:

Searched at: Ottawa  
 LRO #: 4

| INSTR #  | DOC. TYPE               | REG. DATE  | PARTY FROM   | PARTY TO                              |
|----------|-------------------------|------------|--|---------------------------------------|
| 54669    | Deed<br>(Pt Lt 19)      | 04 05 1946 | William J. R. Falls  | Cecil RIVINGTON                       |
| 317568   | Deed                    | 31 12 1953 | Cecil Rivington  | Zena LEIKIN                           |
| 479793   | Deed<br>(Pt Lot 19)     | 09 07 1964 | Zena Leikin  | Zena Holdings Limited                 |
| 483790   | Deed<br>(Pt Lot 18)     | 29 09 1964 | Zena Leikin  | Zena Holdings Limited                 |
| N311767  | Easement                | 31 10 1985 | Zena Holdings Limited  | The Corporation of The City of Nepean |
| LT812105 | Deed                    | 05 01 1993 | Zena - Kinder Holdings Limited<br>(Formerly Zena Holdings Limited) | The Corporation of The City of Nepean |
| LT815265 | Deed<br>(Present Owner) | 29 01 1993 | The Corporation of The City of Nepean                              | Zena - Kinder Holdings Limited        |

LAND  
REGISTRY  
OFFICE #4

04733-6829 (LT)

PAGE 1 OF 2  
PREPARED FOR bertucci  
ON 2021/04/28 AT 20:59:28

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

PROPERTY DESCRIPTION: PART OF LOTS 18 AND 19 CONCESSION 1 RF, PART 5 PLAN 4R8388 AND PARTS 4, 5 AND 6 PLAN 4R8276, EXCEPT PART 4 PLAN 4R8388, AND EXCEPT PARTS 5, 6 AND 7 PLAN 4R23595, NEPEAN. S/T N311767; CITY OF OTTAWA

PROPERTY REMARKS: CORRECTION: DOCUMENT NS146176 ADDED TO 04733-6829 ON 2014/01/06 AT 11:53 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-6829 ON 2014/01/06 AT 11:59 BY IACOVITTI, SUZANNE.

ESTATE/QUALIFIER:  
FEE SIMPLE  
ABSOLUTE

RECENTLY:  
DIVISION FROM 04733-0483

PIN CREATION DATE:  
2009/05/20

OWNERS' NAMES  
ZENA-KINDER HOLDINGS LIMITED

CAPACITY SHARE  
BENO

| REG. NUM.   | DATE       | INSTRUMENT TYPE   | AMOUNT | PARTIES FROM                             | PARTIES TO                            | CERT/CHKD |
|---|------------|---|--------|--|---------------------------------------|-----------|
| ** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2009/05/20 ** |            |   |        |  |                                       |           |
| CR475141  | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED                                |        |  |                                       | C         |
| N146175   | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***    |                                       |           |
| N146176   | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***    |                                       |           |
| NS146175  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                                       | C         |
| NS146176  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                                       | C         |
| N311767   | 1985/10/31 | TRANSFER EASEMENT<br>REMARKS: PARTIALLY RELEASED BY N614102       |        |  | THE CORPORATION OF THE CITY OF NEPEAN | C         |
| LT815265  | 1993/01/29 | TRANSFER  | \$1    | THE CORPORATION OF THE CITY OF NEPEAN    | ZENA-KINDER HOLDINGS LIMITED          | C         |
| 4R9089  | 1993/05/04 | PLAN REFERENCE  |        |  |                                       | C         |
| LT1098951   | 1998/01/08 | APL ANNEX REST COV<br>REMARKS: FOR 50 YEARS FROM 98/01/08         |        | ZENA-KINDER HOLDINGS LIMITED             |                                       | C         |
| LT1098953   | 1998/01/08 | APL ANNEX REST COV  |        | ZENA-KINDER HOLDINGS LIMITED             |                                       | C         |
| OC1135995   | 2010/07/16 | NOTICE<br>REMARKS: AIRPORT ZONING REGULATION                      |        | HER MAJESTY THE QUEEN IN RIGHT OF CANADA |                                       | C         |

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

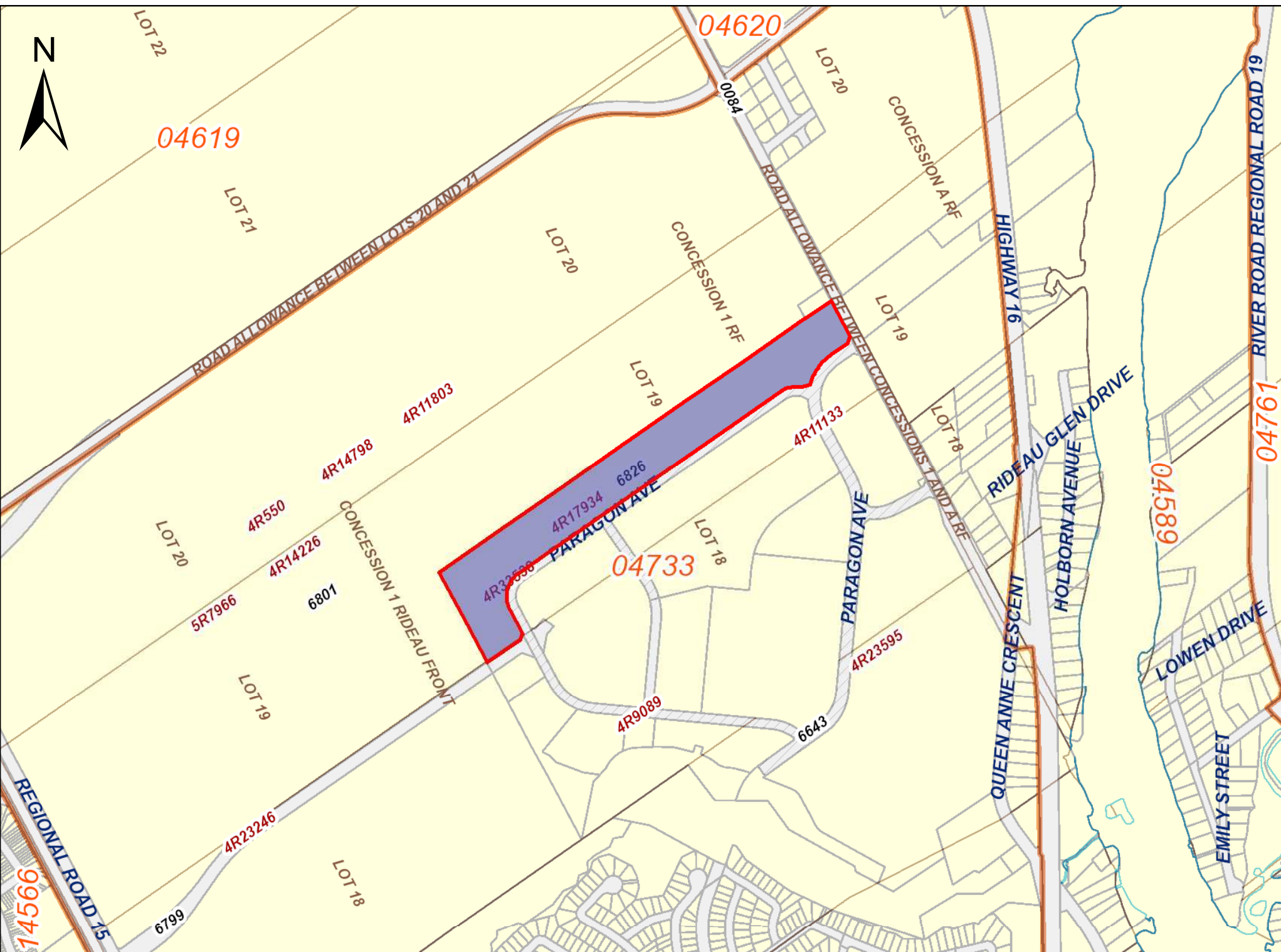
LAND  
REGISTRY  
OFFICE #4

04733-6829 (LT)

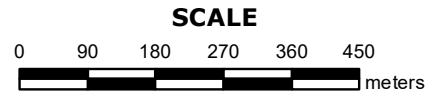
PREPARED FOR bertucci  
ON 2021/04/28 AT 20:59:28

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

| REG. NUM.   | DATE       | INSTRUMENT TYPE | AMOUNT | PARTIES FROM   | PARTIES TO | CERT/<br>CHKD |
|---|------------|-----------------|--------|--|------------|---------------|
| OC1550482   | 2014/01/06 | LR'S ORDER      |        | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE |            | C             |
| <i>REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176</i> |            |                 |        |  |            |               |



PRINTED ON 28 APR, 2021 AT 21:07:49  
FOR BERTUCCI



## PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 20 Leikin Drive, Nepean  
 Legal: Pt Lots 18 & 19 Con 1 RF  
 Description: Pt 3 4R-8388 & Pts 7-9 4R-8276

Searched at: Ottawa  
 LRO #: 4

Page 1

PIN #: 04733-0484 (LT)

| INSTR # | DOC. TYPE                        | REG. DATE  | PARTY FROM      | PARTY TO        |
|---------|----------------------------------|------------|-----------------|-----------------|
|         | Patent<br>(Pt Lt 18 - 200 Acres) | 17 01 1832 | Crown           | John SMITH      |
|         | Patent<br>(PT Lt 19 - 200 Acres) | 20 10 1834 | Crown           | Maria ROBERTSON |
| 529     | Deed<br>(Pt Lot 18)              | 08 05 1832 | John Smith      | Asza WERDON     |
| 1161    | Deed<br>(Pt Lot 19)              | 02 07 1837 | Maria Robertson | Benjamin HOLMES |
| 1692    | Deed                             | 10 04 1841 | Asza Werdon     | Sidney HELMER   |
| 5150    | Deed                             | 26 04 1841 | Sidney Helmer   | James BURROWS   |
| 4465    | Deed                             | 28 02 1850 | Benjamin Holmes | William HOPPER  |
| 4466    | Deed                             | 28 02 1850 | William Hopper  | George HOPPER   |
| 4850    | Deed                             | 15 01 1851 | George Hopper   | John STINSON    |

Cont'd on Page 2



CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 20 Leikin Drive, Nepean  
 Legal Description: Pt Lots 18 & 19 Con 1 RF  
Pt 3 4R-8388 & Pts 7-9 4R-8276

Searched at: Ottawa  
 LRO #: 4

Page 2

PIN #: 04733-0484 (LT)

| INSTR # | DOC. TYPE           | REG. DATE  | PARTY FROM        | PARTY TO            |
|---------|---------------------|------------|-------------------|---------------------|
| 415     | Deed<br>(Pt Lot 18) | 09 02 1870 | James Burrows     | Henry BURROWS       |
| 1205    | Deed<br>(Pt Lot 19) | 01 05 1872 | John Stinson      | James FALLS         |
| 3451    | Deed                | 10 04 1875 | Henry Burrows     | William FULFORD     |
| 6599    | Deed                | 03 11 1879 | William Fulford   | Jane JOHNSTON       |
| 11702   | Deed                | 30 04 1887 | James Falls       | John FALLS          |
| 1603    | Deed                | 06 02 1893 | Jane Johnston     | John STINSON        |
| 31882   | Deed                | 02 04 1918 | John Falls        | William J. R. FALLS |
| 39432   | Deed                | 05 07 1926 | John Stinson      | Frederick STINSON   |
| 51421   | Deed<br>(Pt Lt 18)  | 19 05 1944 | Frederick Stinson | Cecil RIVINGTON     |

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 20 Leikin Drive, Nepean  
 Legal Description: Pt Lots 18 & 19 Con 1 RF  
Pt 3 4R-8388 & Pts 7-9 4R-8276

PIN #: 04733-0484 (LT)

Searched at: Ottawa  
 LRO #: 4

Page 3

| INSTR #  | DOC. TYPE                      | REG. DATE  | PARTY FROM   | PARTY TO                              |
|----------|--------------------------------|------------|--|---------------------------------------|
| 54669    | Deed<br>(Pt Lt 19)             | 04 05 1946 | William J. R. Falls  | Cecil RIVINGTON                       |
| 317568   | Deed                           | 31 12 1953 | Cecil Rivington  | Zena LEIKIN                           |
| 479793   | Deed<br>(Pt Lot 19)            | 09 07 1964 | Zena Leikin  | Zena Holdings Limited                 |
| 483790   | Deed<br>(Pt Lot 18)            | 29 09 1964 | Zena Leikin  | Zena Holdings Limited                 |
| N311767  | Easement                       | 31 10 1985 | Zena Holdings Limited  | The Corporation of The City of Nepean |
| LT812105 | Deed                           | 05 01 1993 | Zena - Kinder Holdings Limited<br>(Formerly Zena Holdings Limited) | The Corporation of The City of Nepean |
| LT815265 | Deed<br><b>(Present Owner)</b> | 29 01 1993 | The Corporation of The City of Nepean                              | <b>Zena - Kinder Holdings Limited</b> |

LAND  
REGISTRY  
OFFICE #4

04733-0484 (LT)

PAGE 1 OF 2  
PREPARED FOR bertucci  
ON 2021/04/28 AT 20:01:41

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

PROPERTY DESCRIPTION: CONSOLIDATION OF VARIOUS PROPERTIES PT LTS 18 & 19 CON 1 RF, PT 3 4R-8388 AND PTS 7, 8 & 9 4R-8276, S/T N311767, NEPEAN

PROPERTY REMARKS: CORRECTION: INSTRUMENT NUMBER N580302 WAS ENTERED IN ERROR AGAINST THIS PROPERTY AND WAS REMOVED AND CERTIFIED ON 1997/12/04 BY KATHLEEN DILLABOUGH.  
CORRECTION: DOCUMENT NS146176 ADDED TO 04733-0484 ON 2014/01/06 AT 11:48 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-0484 ON 2014/01/06 AT 11:56 BY IACOVITTI, SUZANNE.

ESTATE/QUALIFIER:  
FEE SIMPLE  
ABSOLUTE

RECENTLY:  
CONSOLIDATION FROM 04733-0088, 04733-0436

PIN CREATION DATE:  
1993/04/16

OWNERS' NAMES  
ZENA-KINDER HOLDINGS LIMITED

CAPACITY SHARE  
BENO

| REG. NUM.  | DATE       | INSTRUMENT TYPE   | AMOUNT | PARTIES FROM   | PARTIES TO                            | CERT/CHKD |
|--|------------|---|--------|--|---------------------------------------|-----------|
| <p><b>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1993/01/25 ON THIS PIN**</b></p> <p><b>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1993/04/16**</b></p> <p><b>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1993/04/16 **</b></p> |            |   |        |  |                                       |           |
| CR475141   | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED                                |        |  |                                       | C         |
| N146175  | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***                          |                                       |           |
| N146176  | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***                          |                                       |           |
| NS146175   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                                       | C         |
| NS146176   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                                       | C         |
| N311767  | 1985/10/31 | TRANSFER EASEMENT<br>REMARKS: PARTIALLY RELEASED BY N614102       |        |  | THE CORPORATION OF THE CITY OF NEPEAN | C         |
| LT9105804  | 1992/07/22 | APL (GENERAL)   |        |  | ZENA-KINDER HOLDINGS LIMITED          | C         |
| LT811365   | 1992/12/24 | CONSTRUCTION LIEN   |        | *** DELETED AGAINST THIS PROPERTY ***<br>SET CONSTRUCTION LTD. |                                       |           |
| LT815265   | 1993/01/29 | TRANSFER  | \$1    | THE CORPORATION OF THE CITY OF NEPEAN                          | ZENA-KINDER HOLDINGS LIMITED          | C         |

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

LAND  
REGISTRY  
OFFICE #4

04733-0484 (LT)

PREPARED FOR bertucci  
ON 2021/04/28 AT 20:01:41

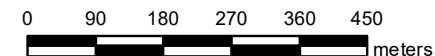
\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

| REG. NUM. | DATE       | INSTRUMENT TYPE   | AMOUNT   | PARTIES FROM   | PARTIES TO                            | CERT/<br>CHKD |
|-----------|------------|---|----------|--|---------------------------------------|---------------|
| LT823872  | 1993/04/07 | APL (GENERAL)   |          | ZENA-KINDER HOLDINGS LIMITED                         |                                       | C             |
| 4R9089    | 1993/05/04 | PLAN REFERENCE  |          |  |                                       | C             |
| LT838409  | 1993/07/05 | DIS CONSTRUCT LIEN  |          | *** COMPLETELY DELETED ***<br>SET CONSTRUCTION LTD   | THE CORPORATION OF THE CITY OF NEPEAN |               |
| 4R13400   | 1997/11/27 | PLAN REFERENCE  |          |  |                                       | C             |
| LT1098948 | 1998/01/08 | NOTICE<br><i>REMARKS: EXPIRES IN TWO YEARS UNLESS EXTENDED</i>                              | \$13,641 | ZENA-KINDER HOLDINGS LIMITED                         | JDS FITEL INC.                        | C             |
| LT1098949 | 1998/01/08 | NOTICE  |          | ZENA-KINDER HOLDINGS LIMITED                         | JDS FITEL INC.                        | C             |
| LT1098951 | 1998/01/08 | APL ANNEX REST COV<br><i>REMARKS: FOR 50 YEARS FROM 98/01/08</i>                            |          | ZENA-KINDER HOLDINGS LIMITED                         |                                       | C             |
| LT1098953 | 1998/01/08 | APL ANNEX REST COV  |          | ZENA-KINDER HOLDINGS LIMITED                         |                                       | C             |
| OC1135995 | 2010/07/16 | NOTICE<br><i>REMARKS: AIRPORT ZONING REGULATION</i>   |          | HER MAJESTY THE QUEEN IN RIGHT OF CANADA             |                                       | C             |
| OC1550482 | 2014/01/06 | LR'S ORDER<br><i>REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176</i> |          | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE |                                       | C             |



PRINTED ON 28 APR, 2021 AT 20:04:11  
FOR BERTUCCI

**SCALE**



**PROPERTY INDEX MAP**

OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE  
RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT  
REFERENCE PLANS ARE NOT ILLUSTRATED

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 99 Bill Leather Drive, Nepean  
 Legal: Pt Lots 18 & 19 Con 1 RF  
 Description: \_\_\_\_\_

Searched at: Ottawa  
 LRO #: 4

Page 1

PIN #: 04733-6826 (LT)

| INSTR # | DOC. TYPE                        | REG. DATE  | PARTY FROM      | PARTY TO        |
|---------|----------------------------------|------------|-----------------|-----------------|
|         | Patent<br>(Pt Lt 18 - 200 Acres) | 17 01 1832 | Crown           | John SMITH      |
|         | Patent<br>(PT Lt 19 - 200 Acres) | 20 10 1834 | Crown           | Maria ROBERTSON |
| 529     | Deed                             | 08 05 1832 | John Smith      | Asza WERDON     |
| 1161    | Deed                             | 02 07 1837 | Maria Robertson | Benjamin HOLMES |
| 1692    | Deed                             | 10 04 1841 | Asza Werdon     | Sidney HELMER   |
| 5150    | Deed                             | 26 04 1841 | Sidney Helmer   | James BURROWS   |
| 4465    | Deed                             | 28 02 1850 | Benjamin Holmes | William HOPPER  |
| 4466    | Deed                             | 28 02 1850 | William Hopper  | George HOPPER   |
| 4850    | Deed                             | 15 01 1851 | George Hopper   | John STINSON    |

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 99 Bill Leather Drive, Nepean  
 Legal Description: Pt Lots 18 & 19 Con 1 RF

Searched at: Ottawa  
 LRO #: 4

Page 2

PIN #: 04733-6826 (LT)

| INSTR # | DOC. TYPE          | REG. DATE  | PARTY FROM        | PARTY TO            |
|---------|--------------------|------------|-------------------|---------------------|
| 415     | Deed               | 09 02 1870 | James Burrows     | Henry BURROWS       |
| 1205    | Deed               | 01 05 1872 | John Stinson      | James FALLS         |
| 3451    | Deed               | 10 04 1875 | Henry Burrows     | William FULFORD     |
| 6599*   | Deed               | 03 11 1879 | William Fulford   | Jane JOHNSTON       |
| 11702   | Deed               | 30 04 1887 | James Falls       | John FALLS          |
| 1603    | Deed               | 06 02 1893 | Jane Johnston     | John STINSON        |
| 31882   | Deed               | 02 04 1918 | John Falls        | William J. R. FALLS |
| 39432   | Deed               | 05 07 1926 | John Stinson      | Frederick STINSON   |
| 51421   | Deed<br>(Pt Lt 18) | 19 05 1944 | Frederick Stinson | Cecil RIVINGTON     |

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 21041400366  
 Address: 99 Bill Leather Drive, Nepean  
 Legal Description: Pt Lots 18 & 19 Con 1 RF

Searched at: Ottawa  
 LRO #: 4

PIN #: 04733-6826 (LT)

| INSTR #  | DOC. TYPE               | REG. DATE  | PARTY FROM   | PARTY TO                              |
|----------|-------------------------|------------|--|---------------------------------------|
| 54669    | Deed<br>(Pt Lt 19)      | 04 05 1946 | William J. R. Falls  | Cecil RIVINGTON                       |
| 317568   | Deed                    | 31 12 1953 | Cecil Rivington  | Zena LEIKIN                           |
| 479793   | Deed<br>(Pt Lot 19)     | 09 07 1964 | Zena Leikin  | Zena Holdings Limited                 |
| 483790   | Deed<br>(Pt Lot 18)     | 29 09 1964 | Zena Leikin  | Zena Holdings Limited                 |
| LT812105 | Deed                    | 05 01 1993 | Zena - Kinder Holdings Limited<br>(Formerly Zena Holdings Limited) | The Corporation of The City of Nepean |
| LT815265 | Deed<br>(Present Owner) | 29 01 1993 | The Corporation of The City of Nepean                              | <b>Zena - Kinder Holdings Limited</b> |



LAND  
REGISTRY  
OFFICE #4

04733-6826 (LT)

PAGE 1 OF 2  
PREPARED FOR bertucci  
ON 2021/04/28 AT 21:06:14

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

PROPERTY DESCRIPTION: PART OF LOTS 18 AND 19 CONCESSION 1, RF, NEPEAN; CITY OF OTTAWA

PROPERTY REMARKS: CORRECTION: DOCUMENT NS146176 ADDED TO 04733-6826 ON 2014/01/06 AT 11:52 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-6826 ON 2014/01/06 AT 11:59 BY IACOVITTI, SUZANNE.

ESTATE/QUALIFIER:  
FEE SIMPLE  
ABSOLUTE

RECENTLY:  
DIVISION FROM 04733-0482

PIN CREATION DATE:  
2009/05/20

OWNERS' NAMES  
ZENA-KINDER HOLDINGS LIMITED

CAPACITY SHARE  
BENO

| REG. NUM.  | DATE       | INSTRUMENT TYPE   | AMOUNT | PARTIES FROM   | PARTIES TO                   | CERT/CHKD |
|--|------------|---|--------|--|------------------------------|-----------|
| <b>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2009/05/20 **</b> |            |   |        |  |                              |           |
| CR475141   | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED                                |        |  |                              | C         |
| N146175  | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***                |                              |           |
| N146176  | 1982/03/26 | APL (GENERAL)<br>REMARKS: AMENDMENT TO AIRPORT ZONING REGULATIONS |        | *** DELETED AGAINST THIS PROPERTY ***                |                              |           |
| NS146175   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                              | C         |
| NS146176   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                            |        |  |                              | C         |
| LT815265   | 1993/01/29 | TRANSFER  | \$1    | THE CORPORATION OF THE CITY OF NEPEAN                | ZENA-KINDER HOLDINGS LIMITED | C         |
| 4R9089   | 1993/05/04 | PLAN REFERENCE  |        |  |                              | C         |
| LT1098951  | 1998/01/08 | APL ANNEX REST COV<br>REMARKS: FOR 50 YEARS FROM 98/01/08         |        | ZENA-KINDER HOLDINGS LIMITED                         |                              | C         |
| LT1098953  | 1998/01/08 | APL ANNEX REST COV  |        | ZENA-KINDER HOLDINGS LIMITED                         |                              | C         |
| 4R17934  | 2002/08/28 | PLAN REFERENCE  |        |  |                              | C         |
| OC1135995  | 2010/07/16 | NOTICE<br>REMARKS: AIRPORT ZONING REGULATION                      |        | HER MAJESTY THE QUEEN IN RIGHT OF CANADA             |                              | C         |
| OC1550482  | 2014/01/06 | LR'S ORDER  |        | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE |                              | C         |

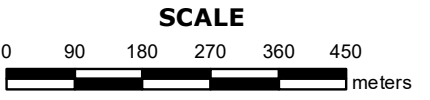
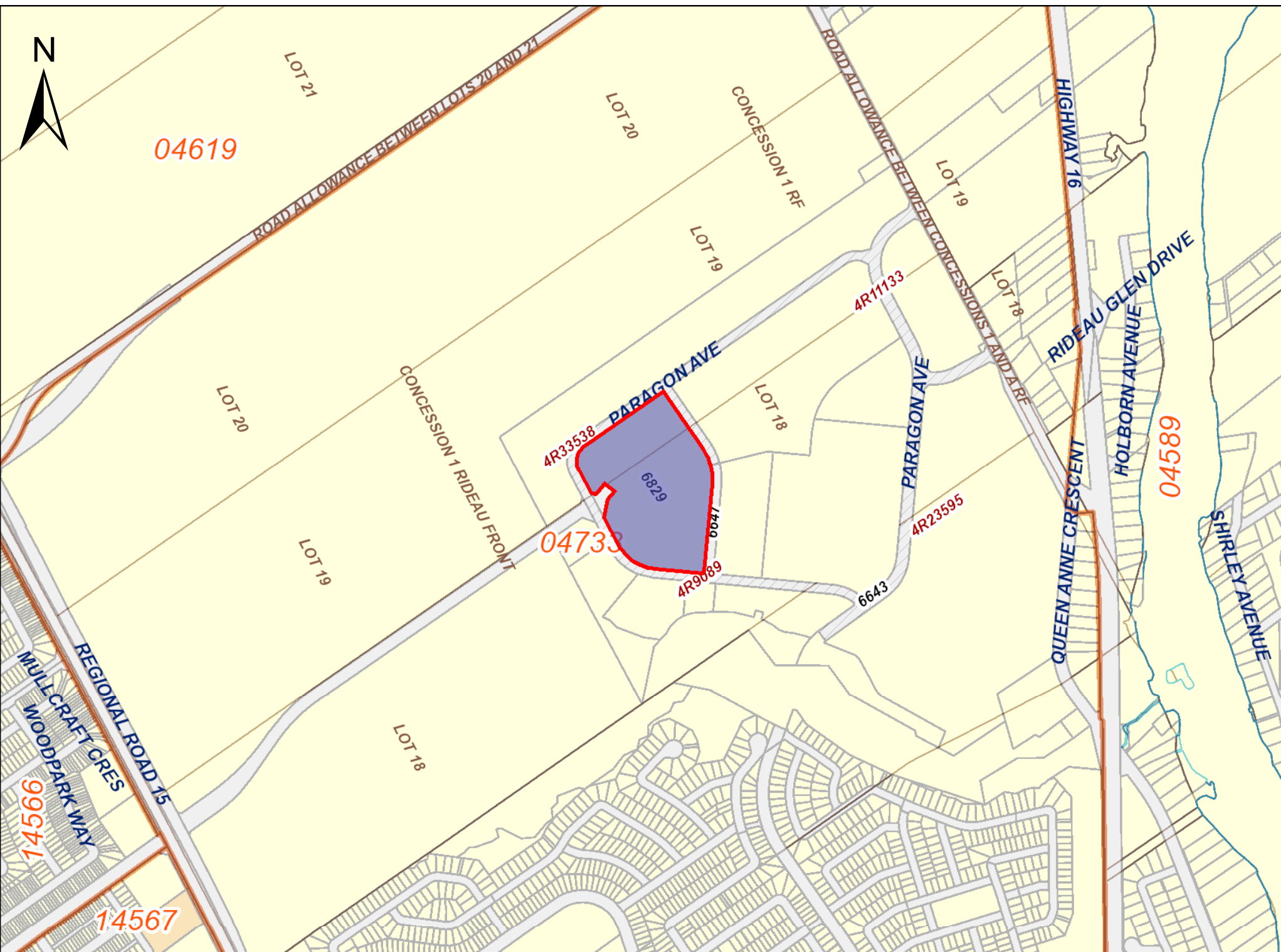
NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.  
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND  
 REGISTRY  
 OFFICE #4

04733-6826 (LT)

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

| REG. NUM.  | DATE | INSTRUMENT TYPE | AMOUNT | PARTIES FROM | PARTIES TO | CERT/<br>CHKD |
|--|------|-----------------|--------|--------------|------------|---------------|
| REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176 |      |                 |        |              |            |               |



**PROPERTY INDEX MAP**  
OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

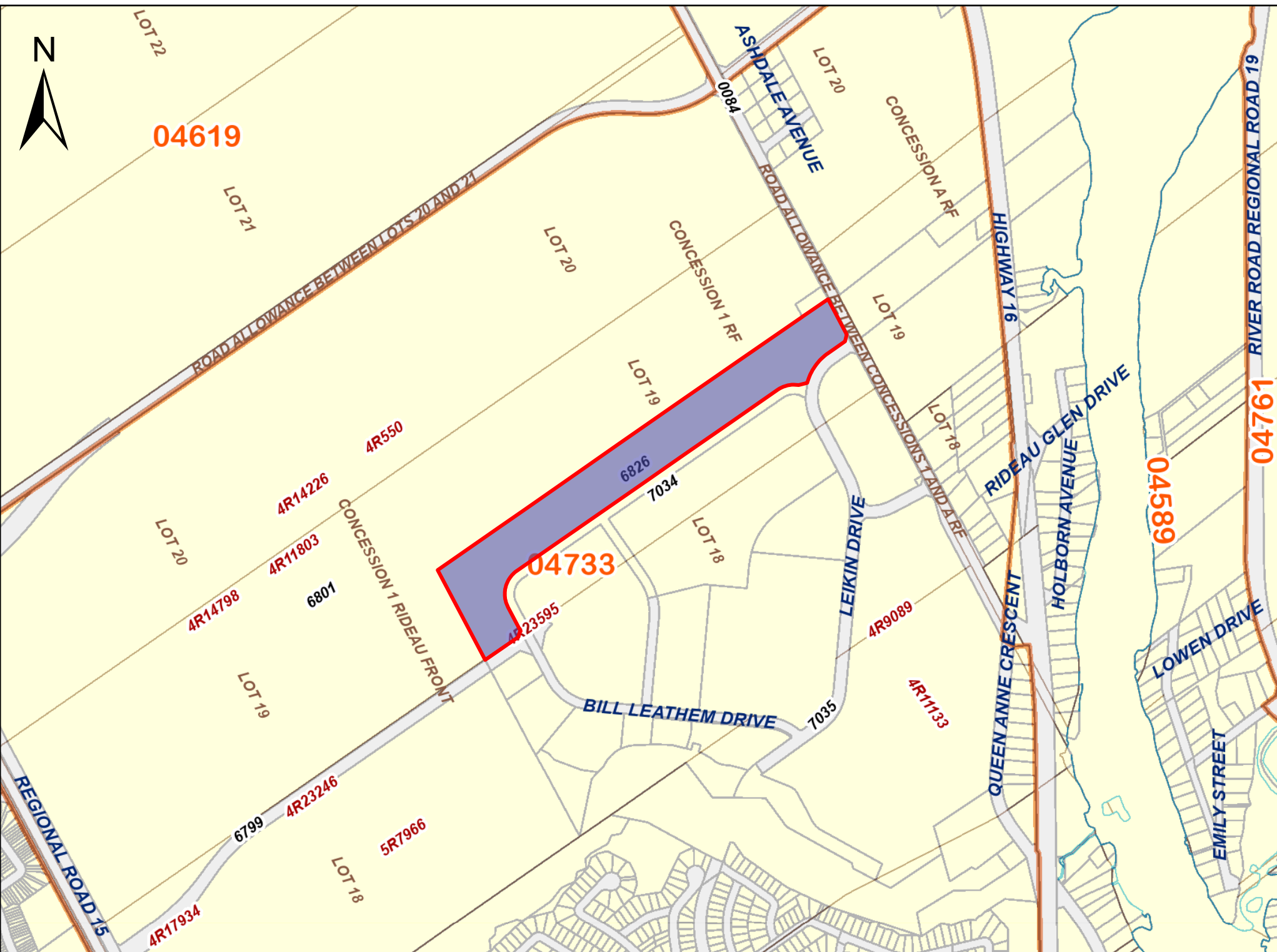
THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

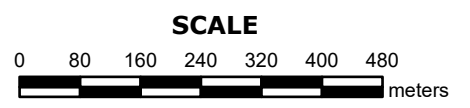
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





PRINTED ON 02 OCT, 2024 AT 13:40:15  
FOR EEOOLAB



**PROPERTY INDEX MAP**  
OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



PROPERTY DESCRIPTION: PART OF LOTS 18 AND 19 CONCESSION 1, RE, NEPEAN; CITY OF OTTAWA

PROPERTY REMARKS: CORRECTION: DOCUMENT NS146176 ADDED TO 04733-6826 ON 2014/01/06 AT 11:52 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-6826 ON 2014/01/06 AT 11:59 BY IACOVITTI, SUZANNE.

ESTATE/QUALIFIER:

FEE SIMPLE  
ABSOLUTE

RECENTLY:

DIVISION FROM 04733-0482

PIN CREATION DATE:

2009/05/20

OWNERS' NAMES

MEDUSA GENERAL PARTNER INC.

CAPACITY SHARE

| REG. NUM.   | DATE       | INSTRUMENT TYPE  | AMOUNT       | PARTIES FROM  | PARTIES TO  | CERT/CHKD |
|---|------------|--|--------------|---|---|-----------|
| ** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ** |            |  |              |   |   |           |
| CR475141  | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED   |              |   |   | C         |
| NS146175  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT   |              |   |   | C         |
| NS146176  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT   |              |   |   | C         |
| 4R9089  | 1993/05/04 | PLAN REFERENCE   |              |   |   | C         |
| LT1098951   | 1998/01/08 | APL ANNEX REST COV<br>REMARKS: FOR 50 YEARS FROM 98/01/08                            |              | ZENA-KINDER HOLDINGS LIMITED                              |   | C         |
| LT1098953   | 1998/01/08 | APL ANNEX REST COV   |              | ZENA-KINDER HOLDINGS LIMITED                              |   | C         |
| 4R17934   | 2002/08/28 | PLAN REFERENCE   |              |   |   | C         |
| OC1135995   | 2010/07/16 | NOTICE<br>REMARKS: AIRPORT ZONING REGULATION   |              | HER MAJESTY THE QUEEN IN RIGHT OF CANADA                  |   | C         |
| OC1550482   | 2014/01/06 | LR'S ORDER<br>REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176 |              | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE      |   | C         |
| OC2423844   | 2021/11/16 | TRANSFER<br>REMARKS: PLANNING ACT STATEMENTS.  | \$34,585,200 | ZENA-KINDER HOLDINGS LIMITED                              | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | C         |
| OC2423845   | 2021/11/16 | CHARGE PARTNERSHIP   | \$30,500,000 | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | BCIMC CONSTRUCTION FUND CORPORATION                       | C         |
| OC2423846   | 2021/11/16 | NO ASSGN RENT GEN  |              | MEDUSA GENERAL PARTNER INC.                               | BCIMC CONSTRUCTION FUND CORPORATION                       | C         |

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

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

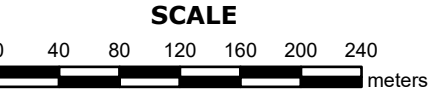
LAND  
 REGISTRY  
 OFFICE #4

04733-6826 (LT)

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

| REG. NUM. | DATE       | INSTRUMENT TYPE     | AMOUNT | PARTIES FROM  | PARTIES TO                                 | CERT/<br>CHKD |
|-----------|------------|---------------------|--------|---|--|---------------|
|           |            | REMARKS: OC2423845. |        | MEDUSA LIMITED PARTNERSHIP                                |  |               |
| OC2556605 | 2022/11/22 | TRANSFER OF CHARGE  |        | BCIMC CONSTRUCTION FUND CORPORATION                       | QUADREAL REAL ESTATE DEBT (CANADA) GP INC. | C             |
|           |            | REMARKS: OC2423845. |        |   |  |               |
| OC2556606 | 2022/11/22 | NO ASSGN RENT GEN   |        | BCIMC CONSTRUCTION FUND CORPORATION                       | QUADREAL REAL ESTATE DEBT (CANADA) GP INC. | C             |
|           |            | REMARKS: OC2423845. |        |   |  |               |
| OC2699682 | 2024/06/20 | TRANS PARTNERSHIP   | \$2    | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | MEDUSA GENERAL PARTNER INC.                | C             |

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



**PROPERTY INDEX MAP**  
OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



LAND  
REGISTRY  
OFFICE #4

04733-0484 (LT)

PAGE 1 OF 2  
PREPARED FOR EEGOOLAB  
ON 2024/10/02 AT 13:40:43

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

PROPERTY DESCRIPTION: CONSOLIDATION OF VARIOUS PROPERTIES PT LTS 18 & 19 CON 1 RF, PT 3 4R-8388 AND PTS 7, 8 & 9 4R-8276, S/T N311767, NEPEAN

PROPERTY REMARKS: CORRECTION: INSTRUMENT NUMBER N580302 WAS ENTERED IN ERROR AGAINST THIS PROPERTY AND WAS REMOVED AND CERTIFIED ON 1997/12/04 BY KATHLEEN DILLABOUGH.  
CORRECTION: DOCUMENT NS146176 ADDED TO 04733-0484 ON 2014/01/06 AT 11:48 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-0484 ON 2014/01/06 AT 11:56 BY IACOVITTI, SUZANNE.

ESTATE/QUALIFIER:  
FEE SIMPLE  
ABSOLUTE

RECENTLY:  
CONSOLIDATION FROM 04733-0088, 04733-0436

PIN CREATION DATE:  
1993/04/16

OWNERS' NAMES  
MEDUSA GENERAL PARTNER INC.

CAPACITY SHARE

| REG. NUM.  | DATE       | INSTRUMENT TYPE   | AMOUNT | PARTIES FROM                             | PARTIES TO                            | CERT/CHKD |
|--|------------|---|--------|--|---------------------------------------|-----------|
| <p><b>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1993/01/25 ON THIS PIN**</b></p> <p><b>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1993/04/16**</b></p> <p><b>** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **</b></p> |            |   |        |  |                                       |           |
| CR475141   | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED                          |        |  |                                       | C         |
| NS146175   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                      |        |  |                                       | C         |
| NS146176   | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT                      |        |  |                                       | C         |
| N311767  | 1985/10/31 | TRANSFER EASEMENT<br>REMARKS: PARTIALLY RELEASED BY N614102 |        |  | THE CORPORATION OF THE CITY OF NEPEAN | C         |
| LT9105804  | 1992/07/22 | APL (GENERAL)   |        |  | ZENA-KINDER HOLDINGS LIMITED          | C         |
| LT823872   | 1993/04/07 | APL (GENERAL)   |        | ZENA-KINDER HOLDINGS LIMITED             |                                       | C         |
| 4R9089   | 1993/05/04 | PLAN REFERENCE  |        |  |                                       | C         |
| 4R13400  | 1997/11/27 | PLAN REFERENCE  |        |  |                                       | C         |
| LT1098951  | 1998/01/08 | APL ANNEX REST COV<br>REMARKS: FOR 50 YEARS FROM 98/01/08   |        | ZENA-KINDER HOLDINGS LIMITED             |                                       | C         |
| LT1098953  | 1998/01/08 | APL ANNEX REST COV  |        | ZENA-KINDER HOLDINGS LIMITED             |                                       | C         |
| OC1135995  | 2010/07/16 | NOTICE<br>REMARKS: AIRPORT ZONING REGULATION                |        | HER MAJESTY THE QUEEN IN RIGHT OF CANADA |                                       | C         |

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



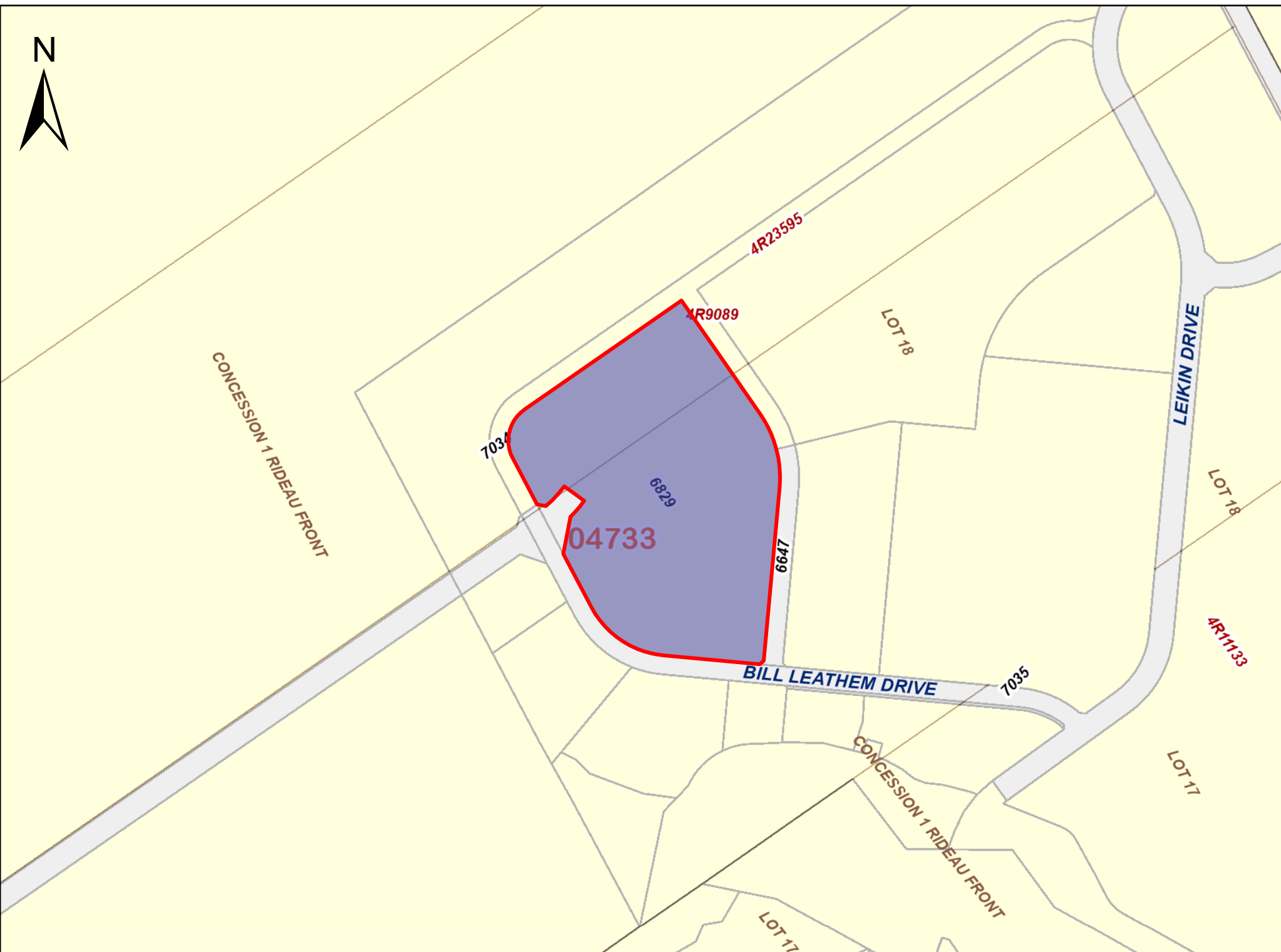
LAND  
 REGISTRY  
 OFFICE #4

04733-0484 (LT)

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

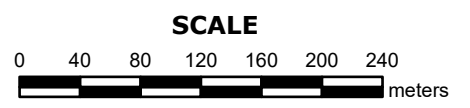
| REG. NUM. | DATE       | INSTRUMENT TYPE   | AMOUNT       | PARTIES FROM  | PARTIES TO  | CERT/CHKD |
|-----------|------------|---|--------------|---|---|-----------|
| OC1550482 | 2014/01/06 | LR'S ORDER<br><i>REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176</i> |              | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE      |   | C         |
| OC2423844 | 2021/11/16 | TRANSFER<br><i>REMARKS: PLANNING ACT STATEMENTS.</i>  | \$34,585,200 | ZENA-KINDER HOLDINGS LIMITED                              | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | C         |
| OC2423845 | 2021/11/16 | CHARGE PARTNERSHIP  | \$30,500,000 | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | BCIMC CONSTRUCTION FUND CORPORATION                       | C         |
| OC2423846 | 2021/11/16 | NO ASSGN RENT GEN<br><i>REMARKS: OC2423845.</i>   |              | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | BCIMC CONSTRUCTION FUND CORPORATION                       | C         |
| OC2556605 | 2022/11/22 | TRANSFER OF CHARGE<br><i>REMARKS: OC2423845.</i>  |              | BCIMC CONSTRUCTION FUND CORPORATION                       | QUADREAL REAL ESTATE DEBT (CANADA) GP INC.                | C         |
| OC2556606 | 2022/11/22 | NO ASSGN RENT GEN<br><i>REMARKS: OC2423845.</i>   |              | BCIMC CONSTRUCTION FUND CORPORATION                       | QUADREAL REAL ESTATE DEBT (CANADA) GP INC.                | C         |
| OC2699682 | 2024/06/20 | TRANS PARTNERSHIP   | \$2          | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | MEDUSA GENERAL PARTNER INC.                               | C         |

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



# ServiceOntario

PRINTED ON 02 OCT, 2024 AT 13:39:26  
FOR EEOOLAB



## PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

### NOTES

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LAND  
REGISTRY  
OFFICE #4

04733-6829 (LT)

PAGE 1 OF 2  
PREPARED FOR EEGOOLAB  
ON 2024/10/02 AT 13:38:58

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

**PROPERTY DESCRIPTION:** PART OF LOTS 18 AND 19 CONCESSION 1 RF, PART 5 PLAN 4R8388 AND PARTS 4, 5 AND 6 PLAN 4R8276, EXCEPT PART 4 PLAN 4R8388, AND EXCEPT PARTS 5, 6 AND 7 PLAN 4R23595, NEPEAN. S/T N311767; CITY OF OTTAWA

**PROPERTY REMARKS:** CORRECTION: DOCUMENT NS146176 ADDED TO 04733-6829 ON 2014/01/06 AT 11:53 BY IACOVITTI, SUZANNE. CORRECTION: DOCUMENT NS146175 ADDED TO 04733-6829 ON 2014/01/06 AT 11:59 BY IACOVITTI, SUZANNE.

**ESTATE/QUALIFIER:**  
FEE SIMPLE  
ABSOLUTE

**RECENTLY:**  
DIVISION FROM 04733-0483

**PIN CREATION DATE:**  
2009/05/20

**OWNERS' NAMES**  
MEDUSA GENERAL PARTNER INC.

**CAPACITY SHARE**

| REG. NUM.   | DATE       | INSTRUMENT TYPE  | AMOUNT       | PARTIES FROM   | PARTIES TO  | CERT/CHKD |
|---|------------|--|--------------|--|---|-----------|
| ** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) ** |            |  |              |  |   |           |
| CR475141  | 1964/04/06 | NOTICE<br>REMARKS: SKETCH ATTACHED   |              |  |   | C         |
| NS146175  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT   |              |  |   | C         |
| NS146176  | 1982/03/26 | ORDER IN COUNCIL<br>REMARKS: AMENDMENT   |              |  |   | C         |
| N311767   | 1985/10/31 | TRANSFER EASEMENT<br>REMARKS: PARTIALLY RELEASED BY N614102                          |              |  | THE CORPORATION OF THE CITY OF NEPEAN                     | C         |
| 4R9089  | 1993/05/04 | PLAN REFERENCE   |              |  |   | C         |
| LT1098951   | 1998/01/08 | APL ANNEX REST COV<br>REMARKS: FOR 50 YEARS FROM 98/01/08                            |              | ZENA-KINDER HOLDINGS LIMITED                         |   | C         |
| LT1098953   | 1998/01/08 | APL ANNEX REST COV   |              | ZENA-KINDER HOLDINGS LIMITED                         |   | C         |
| OC1135995   | 2010/07/16 | NOTICE<br>REMARKS: AIRPORT ZONING REGULATION   |              | HER MAJESTY THE QUEEN IN RIGHT OF CANADA             |   | C         |
| OC1550482   | 2014/01/06 | LR'S ORDER<br>REMARKS: DELETING N146175 AND N146176 AND ADDING NS146175 AND NS146176 |              | LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE |   | C         |
| OC2423844   | 2021/11/16 | TRANSFER<br>REMARKS: PLANNING ACT STATEMENTS.  | \$34,585,200 | ZENA-KINDER HOLDINGS LIMITED                         | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | C         |
| OC2423845   | 2021/11/16 | CHARGE PARTNERSHIP   | \$30,500,000 | MEDUSA GENERAL PARTNER INC.                          | BCIMC CONSTRUCTION FUND CORPORATION                       | C         |

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

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

LAND  
 REGISTRY  
 OFFICE #4

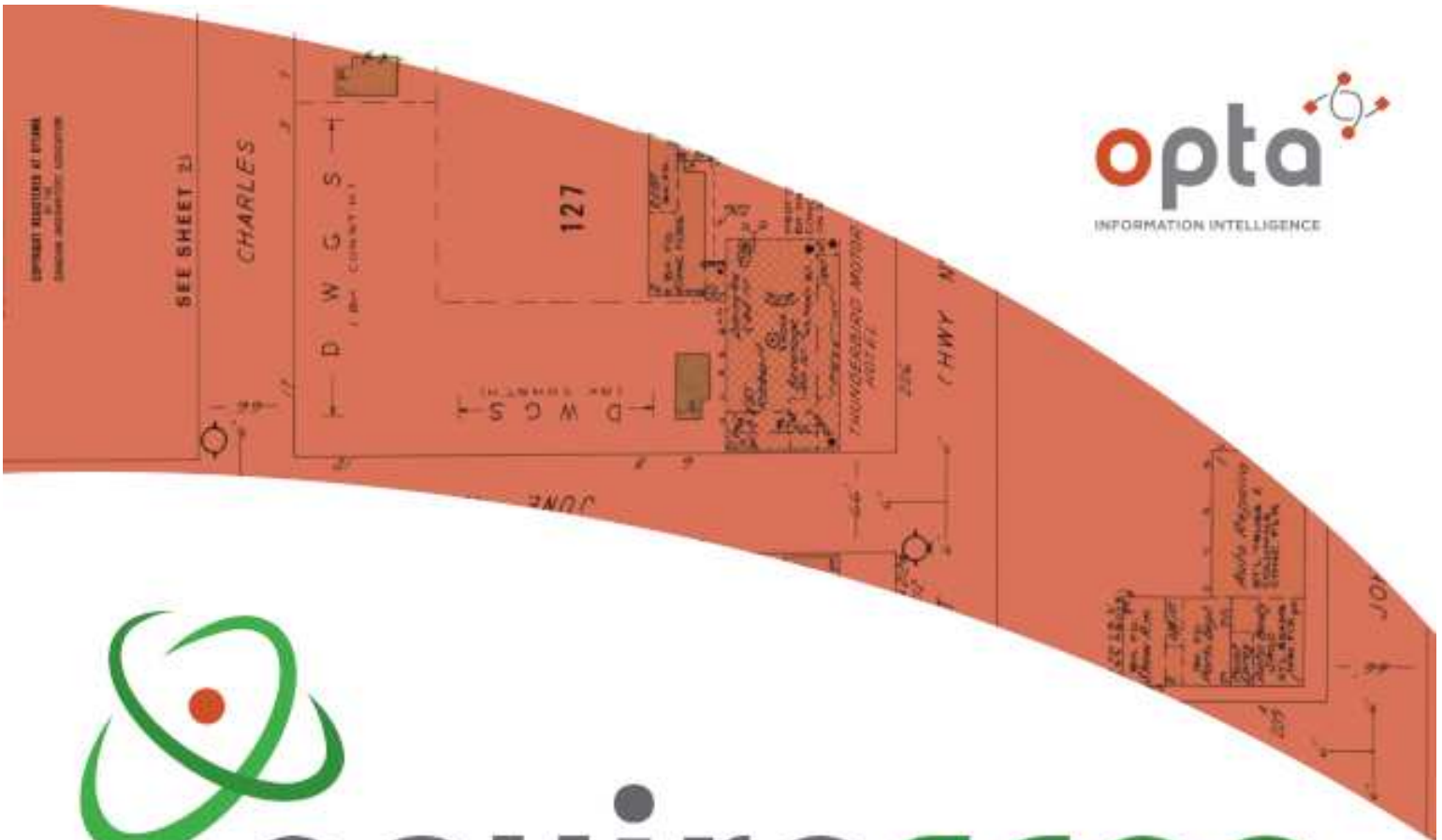
04733-6829 (LT)

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

| REG. NUM. | DATE       | INSTRUMENT TYPE     | AMOUNT | PARTIES FROM  | PARTIES TO                                 | CERT/CHKD |
|-----------|------------|---------------------|--------|---|--|-----------|
| OC2423846 | 2021/11/16 | NO ASSGN RENT GEN   |        | MEDUSA LIMITED PARTNERSHIP<br>MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP | BCIMC CONSTRUCTION FUND CORPORATION        | C         |
|           |            | REMARKS: OC2423845. |        |   |  |           |
| OC2556605 | 2022/11/22 | TRANSFER OF CHARGE  |        | BCIMC CONSTRUCTION FUND CORPORATION   | QUADREAL REAL ESTATE DEBT (CANADA) GP INC. | C         |
|           |            | REMARKS: OC2423845. |        |   |  |           |
| OC2556606 | 2022/11/22 | NO ASSGN RENT GEN   |        | BCIMC CONSTRUCTION FUND CORPORATION   | QUADREAL REAL ESTATE DEBT (CANADA) GP INC. | C         |
|           |            | REMARKS: OC2423845. |        |   |  |           |
| OC2699682 | 2024/06/20 | TRANS PARTNERSHIP   | \$2    | MEDUSA GENERAL PARTNER INC.<br>MEDUSA LIMITED PARTNERSHIP                               | MEDUSA GENERAL PARTNER INC.                | C         |

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

**APPENDIX D**  
**ERIS DATABASE REPORT**



# enviroscan



175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 1 877 244 9437  
W: optaintel.ca

Nate

**Site Address:**

2 Leikin Drive, 20 Leikin Drive & 99 Bill Leathem Drive, Nepean,  
ON

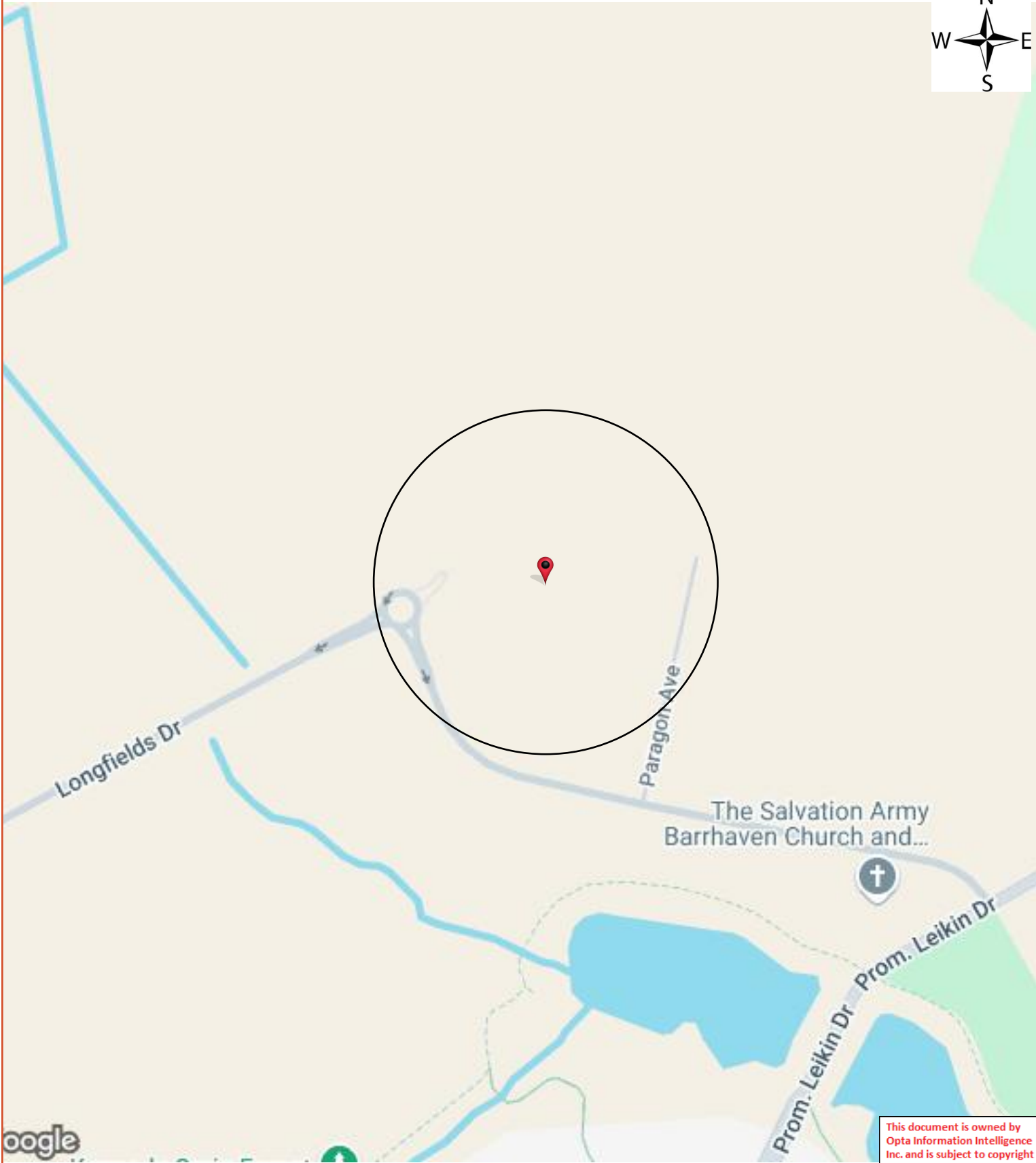
**Project No:**  
24100200417

**Opta Order ID:**

150271

**Requested by:**  
Eleanor Goolab  
ERIS

**Date Completed:**  
10/3/2024 2:04:54 PM



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

## Report

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

## Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

## Entire Agreement

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

## Governing Document

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

## Law

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



Page: 4  
Project Name: South Merivale  
Business Park

Project #: 24100200417  
P.O. #: TR0936B1

No Records Found

Requested by:  
Eleanor Goolab

Date Completed: 10/03/2024 14:04:54



OPTA INFORMATION INTELLIGENCE

No Records Found

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full Terms and Conditions at  
the front of this document.





---

CITY  
**DIRECTORY**

**Project Property:** *Bill Leatham  
2 & 20 Leikin Drive and 99 Bill Leatham Drive  
Ottawa, ON K2C 3H1*

**Project No:** *TR841A8D4 099A*

**Requested By:** *Geosyntec Consultants*

**Order No:** *24081500632*

**Date Completed:** *August 26, 2024*

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

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

August 26, 2024  
RE: CITY DIRECTORY RESEARCH  
2 & 20 Leikin Drive and 99 Bill Leatham Drive  
Ottawa, ON K2C 3H1

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

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

**Search Criteria:**

- 1-5 of Beckstead Road
- 1-200 of Bill Leatham Drive
- 1-115 of Leikin Drive
- 2500-3000 of Merivale Road

**Search Notes:**

While Longfields Drive & Paragon Avenue fall within the requested radius, they have no civic addresses available to report. Leikin Drive is also known as 1-115 Prom Leikin Drive in Ottawa.

## Search Results Summary

**Data from 2012 to 2017 does not include residential information**

| Date | Source                     | Comment |
|------|----------------------------|---------|
| 2021 | DIGITAL BUSINESS DIRECTORY |         |
| 2017 | DIGITAL BUSINESS DIRECTORY |         |
| 2012 | DIGITAL BUSINESS DIRECTORY |         |
| 2006 | VERNONS                    |         |
| 2000 | POLKS                      |         |
| 1993 | POLKS                      |         |
| 1991 | MIGHTS                     |         |
| 1987 | MIGHTS                     |         |
| 1981 | MIGHTS                     |         |
| 1976 | MIGHTS                     |         |
| 1971 | MIGHTS                     |         |
| 1966 | MIGHTS                     |         |
| 1960 | MIGHTS                     |         |

### Environmental Risk Information Services

*A division of Glacier Media Inc.*

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

NO LISTING FOUND

NO LISTING FOUND

- 73 MOUNTIE SHOP...GIFT SHOPS
- 73 ROYAL CANADIAN MOUNTED POLICE...POLICE DEPARTMENTS
- 73 SODEXO CANADA INC...BUILDING MAINTENANCE
- 73 TIM HORTONS...COFFEE SHOPS

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

73 SODEXO CANADA INC...FULLSERVICE RESTAURANTS  
73 TIM HORTONS...SNACK & NONALCOHOLIC BEVERAGE BARS

NO LISTING FOUND



NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

3000 JDS UNIPHASE CANADA LTD...FIBER OPTIC CABLE MFG  
3000 MINTO DEVELOPMENTS INC...LAND SUBDIVISION  
3000 SMILEY'S FOOD SVC...CATERERS

**2006**

**BECKSTEAD ROAD**

SOURCE: VERNONS

STREET NOT LISTED

**2006**

**BILL LEATHAM DRIVE**

SOURCE: VERNONS

STREET NOT LISTED

**2006**

**LEIKIN DRIVE**

SOURCE: VERNONS

STREET NOT LISTED

**2006**

**MERIVALE ROAD**

SOURCE: VERNONS

3000  
2500-  
3000

MINTO DEVELOPMENTS INC  
ALL RESIDENTIAL

**2000**

**BECKSTEAD ROAD**

SOURCE: POLKS

STREET NOT LISTED

**2000**

**BILL LEATHAM DRIVE**

SOURCE: POLKS

STREET NOT LISTED

STREET NOT LISTED

2500-  
3000

ALL RESIDENTIAL

**1993**

**BECKSTEAD ROAD**

SOURCE: POLKS

STREET NOT LISTED

**1993**

**BILL LEATHAM DRIVE**

SOURCE: POLKS

STREET NOT LISTED

**1993**

**LEIKIN DRIVE**

SOURCE: POLKS

STREET NOT LISTED

**1993**

**MERIVALE ROAD**

SOURCE: POLKS

2500-  
3000

NO LISTINGS WITHIN RADIUS



STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

2500-  
3000

NO LISTINGS WITHIN RADIUS

**1987**

**BECKSTEAD ROAD**

SOURCE: MIGHTS

STREET NOT LISTED

**1987**

**BILL LEATHAM DRIVE**

SOURCE: MIGHTS

STREET NOT LISTED

**1987**

**LEIKIN DRIVE**

SOURCE: MIGHTS

STREET NOT LISTED

**1987**

**MERIVALE ROAD**

SOURCE: MIGHTS

2500-  
3000

NO LISTINGS WITHIN RADIUS

**1981**

**BECKSTEAD ROAD**

SOURCE: MIGHTS

STREET NOT LISTED

**1981**

**BILL LEATHAM DRIVE**

SOURCE: MIGHTS

STREET NOT LISTED

STREET NOT LISTED

2500-  
3000

NO LISTINGS WITHIN RADIUS

1976

BECKSTEAD ROAD

SOURCE: MIGHTS

STREET NOT LISTED

1976

BILL LEATHAM DRIVE

SOURCE: MIGHTS

STREET NOT LISTED

1976

LEIKIN DRIVE

SOURCE: MIGHTS

STREET NOT LISTED

1976

MERIVALE ROAD

SOURCE: MIGHTS

2500-  
3000

NO LISTINGS WITHIN RADIUS



**1971**

**BECKSTEAD ROAD**

SOURCE: MIGHTS

STREET NOT LISTED

**1971**

**BILL LEATHAM DRIVE**

SOURCE: MIGHTS

STREET NOT LISTED

STREET NOT LISTED

2500-  
3000

NO LISTINGS WITHIN RADIUS

1966

BECKSTEAD ROAD

SOURCE: MIGHTS

STREET NOT LISTED

1966

BILL LEATHAM DRIVE

SOURCE: MIGHTS

STREET NOT LISTED

1966

LEIKIN DRIVE

SOURCE: MIGHTS

STREET NOT LISTED

1966

MERIVALE ROAD

SOURCE: MIGHTS

2500-  
3000

NO LISTINGS WITHIN RADIUS

**1960**

**BECKSTEAD ROAD**

SOURCE: MIGHTS

STREET NOT LISTED

**1960**

**BILL LEATHAM DRIVE**

SOURCE: MIGHTS

STREET NOT LISTED

STREET NOT LISTED

2500-  
3000

NO LISTINGS WITHIN RADIUS



---

# DATABASE REPORT

**Project Property:** *Bill Leathem  
1 Leikin Drive, 20 Leikin Drive and 99 Bill  
Leathem Drive  
Ottawa ON K2C 3H1*

**Project No:** *TR841A8D4 099A*

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *24080800561*

**Requested by:** *Geosyntec Consultants*

**Date Completed:** *August 9, 2024*

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# Executive Summary

## **Property Information:**

**Project Property:** *Bill Leathem  
1 Leikin Drive, 20 Leikin Drive and 99 Bill Leathem Drive Ottawa ON K2C 3H1*

**Project No:** *TR841A8D4 099A*

## **Order Information:**

**Order No:** *24080800561*  
**Date Requested:** *August 8, 2024*  
**Requested by:** *Geosyntec Consultants*  
**Report Type:** *Quote - Custom-Build Your Own Report*

## **Historical/Products:**

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

## Executive Summary: Report Summary

| <i>Database</i> | <i>Name</i>  | <i>Searched</i> | <i>Project Property</i> | <i>Boundary to 0.30km</i> | <i>Total</i> |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| AAGR            | <i>Abandoned Aggregate Inventory</i>                                     | Y               | 0                       | 0                         | 0            |
| AGR             | <i>Aggregate Inventory</i>   | Y               | 0                       | 0                         | 0            |
| AMIS            | <i>Abandoned Mine Information System</i>                                 | Y               | 0                       | 0                         | 0            |
| ANDR            | <i>Anderson's Waste Disposal Sites</i>                                   | Y               | 0                       | 0                         | 0            |
| AST             | <i>Aboveground Storage Tanks</i>   | Y               | 0                       | 0                         | 0            |
| AUWR            | <i>Automobile Wrecking &amp; Supplies</i>                                | Y               | 0                       | 0                         | 0            |
| BORE            | <i>Borehole</i>  | Y               | 0                       | 5                         | 5            |
| CA              | <i>Certificates of Approval</i>  | Y               | 0                       | 5                         | 5            |
| CDRY            | <i>Dry Cleaning Facilities</i>   | Y               | 0                       | 0                         | 0            |
| CFOT            | <i>Commercial Fuel Oil Tanks</i>   | Y               | 0                       | 1                         | 1            |
| CHEM            | <i>Chemical Manufacturers and Distributors</i>                           | Y               | 0                       | 0                         | 0            |
| CHM             | <i>Chemical Register</i>   | Y               | 0                       | 0                         | 0            |
| CNG             | <i>Compressed Natural Gas Stations</i>                                   | Y               | 0                       | 1                         | 1            |
| COAL            | <i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>          | Y               | 0                       | 0                         | 0            |
| CONV            | <i>Compliance and Convictions</i>  | Y               | 0                       | 0                         | 0            |
| CPU             | <i>Certificates of Property Use</i>                                      | Y               | 0                       | 0                         | 0            |
| DRL             | <i>Drill Hole Database</i>   | Y               | 0                       | 0                         | 0            |
| DTNK            | <i>Delisted Fuel Tanks</i>   | Y               | 0                       | 0                         | 0            |
| EASR            | <i>Environmental Activity and Sector Registry</i>                        | Y               | 0                       | 2                         | 2            |
| EBR             | <i>Environmental Registry</i>  | Y               | 0                       | 7                         | 7            |
| ECA             | <i>Environmental Compliance Approval</i>                                 | Y               | 2                       | 9                         | 11           |
| EEM             | <i>Environmental Effects Monitoring</i>                                  | Y               | 0                       | 0                         | 0            |
| EHS             | <i>ERIS Historical Searches</i>  | Y               | 3                       | 12                        | 15           |
| EIIS            | <i>Environmental Issues Inventory System</i>                             | Y               | 0                       | 0                         | 0            |
| EMHE            | <i>Emergency Management Historical Event</i>                             | Y               | 0                       | 0                         | 0            |
| EPAR            | <i>Environmental Penalty Annual Report</i>                               | Y               | 0                       | 0                         | 0            |
| EXP             | <i>List of Expired Fuels Safety Facilities</i>                           | Y               | 0                       | 0                         | 0            |
| FCON            | <i>Federal Convictions</i>   | Y               | 0                       | 0                         | 0            |
| FCS             | <i>Contaminated Sites on Federal Land</i>                                | Y               | 0                       | 0                         | 0            |
| FOFT            | <i>Fisheries &amp; Oceans Fuel Tanks</i>                                 | Y               | 0                       | 0                         | 0            |
| FRST            | <i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i> | Y               | 0                       | 4                         | 4            |
| 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                       | 48                        | 48           |
| GHG             | <i>Greenhouse Gas Emissions from Large Facilities</i>                    | Y               | 0                       | 0                         | 0            |
| HINC            | <i>TSSA Historic Incidents</i>   | Y               | 0                       | 0                         | 0            |

| <b>Database</b> | <b>Name</b>  | <b>Searched</b> | <b>Project Property</b> | <b>Boundary to 0.30km</b> | <b>Total</b> |
|-----------------|--|-----------------|-------------------------|---------------------------|--------------|
| IAFT            | <i>Indian &amp; Northern Affairs Fuel Tanks</i>                      | Y               | 0                       | 0                         | 0            |
| INC             | <i>Fuel Oil Spills and Leaks</i>                                     | Y               | 0                       | 0                         | 0            |
| LIMO            | <i>Landfill Inventory Management Ontario</i>                         | Y               | 0                       | 0                         | 0            |
| MINE            | <i>Canadian Mine Locations</i>                                       | Y               | 0                       | 0                         | 0            |
| MNR             | <i>Mineral Occurrences</i>   | Y               | 0                       | 0                         | 0            |
| NATE            | <i>National Analysis of Trends in Emergencies System (NATES)</i>     | Y               | 0                       | 0                         | 0            |
| NCPL            | <i>Non-Compliance Reports</i>  | Y               | 0                       | 0                         | 0            |
| NDFT            | <i>National Defense &amp; Canadian Forces Fuel Tanks</i>             | Y               | 0                       | 0                         | 0            |
| NDSP            | <i>National Defense &amp; Canadian Forces Spills</i>                 | Y               | 0                       | 0                         | 0            |
| NDWD            | <i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>   | Y               | 0                       | 0                         | 0            |
| NEBI            | <i>National Energy Board Pipeline Incidents</i>                      | Y               | 0                       | 0                         | 0            |
| NEBP            | <i>National Energy Board Wells</i>                                   | Y               | 0                       | 0                         | 0            |
| NEES            | <i>National Environmental Emergencies System (NEES)</i>              | Y               | 0                       | 0                         | 0            |
| NPCB            | <i>National PCB Inventory</i>  | Y               | 0                       | 0                         | 0            |
| NPR2            | <i>National Pollutant Release Inventory 1993-2020</i>                | Y               | 0                       | 0                         | 0            |
| NPRI            | <i>National Pollutant Release Inventory - Historic</i>               | Y               | 0                       | 1                         | 1            |
| OGWE            | <i>Oil and Gas Wells</i>   | Y               | 0                       | 0                         | 0            |
| OOGW            | <i>Ontario Oil and Gas Wells</i>                                     | Y               | 0                       | 0                         | 0            |
| OPCB            | <i>Inventory of PCB Storage Sites</i>                                | Y               | 0                       | 0                         | 0            |
| ORD             | <i>Orders</i>  | Y               | 0                       | 0                         | 0            |
| PAP             | <i>Canadian Pulp and Paper</i>                                       | Y               | 0                       | 0                         | 0            |
| PCFT            | <i>Parks Canada Fuel Storage Tanks</i>                               | Y               | 0                       | 0                         | 0            |
| PES             | <i>Pesticide Register</i>  | Y               | 0                       | 0                         | 0            |
| PFCH            | <i>NPRI Reporters - PFAS Substances</i>                              | Y               | 0                       | 0                         | 0            |
| PFHA            | <i>Potential PFAS Handlers from NPRI</i>                             | Y               | 0                       | 0                         | 0            |
| PINC            | <i>Pipeline Incidents</i>  | Y               | 0                       | 0                         | 0            |
| PRT             | <i>Private and Retail Fuel Storage Tanks</i>                         | Y               | 0                       | 0                         | 0            |
| PTTW            | <i>Permit to Take Water</i>  | Y               | 0                       | 0                         | 0            |
| REC             | <i>Ontario Regulation 347 Waste Receivers Summary</i>                | Y               | 0                       | 0                         | 0            |
| RSC             | <i>Record of Site Condition</i>                                      | Y               | 0                       | 0                         | 0            |
| RST             | <i>Retail Fuel Storage Tanks</i>                                     | Y               | 0                       | 0                         | 0            |
| SCT             | <i>Scott's Manufacturing Directory</i>                               | Y               | 0                       | 4                         | 4            |
| SPL             | <i>Ontario Spills</i>  | Y               | 0                       | 5                         | 5            |
| SRDS            | <i>Wastewater Discharger Registration Database</i>                   | Y               | 0                       | 0                         | 0            |
| TANK            | <i>Anderson's Storage Tanks</i>                                      | Y               | 0                       | 0                         | 0            |
| TCFT            | <i>Transport Canada Fuel Storage Tanks</i>                           | Y               | 0                       | 0                         | 0            |
| VAR             | <i>Variances for Abandonment of Underground Storage Tanks</i>        | Y               | 0                       | 0                         | 0            |
| WDS             | <i>Waste Disposal Sites - MOE CA Inventory</i>                       | Y               | 0                       | 0                         | 0            |
| WDSH            | <i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i> | Y               | 0                       | 0                         | 0            |
| WWIS            | <i>Water Well Information System</i>                                 | Y               | 1                       | 15                        | 16           |

| <i>Database</i> | <i>Name</i> | <i>Searched</i> | <i>Project<br/>Property</i> | <i>Boundary<br/>to 0.30km</i> | <i>Total</i> |
|-----------------|-------------|-----------------|-----------------------------|-------------------------------|--------------|
|                 |             | <b>Total:</b>   | 6                           | 119                           | 125          |

## Executive Summary: Site Report Summary - Project Property

| <i>Map Key</i>    | <i>DB</i> | <i>Company/Site Name</i>   | <i>Address</i>   | <i>Dir/Dist (m)</i> | <i>Elev diff (m)</i> | <i>Page Number</i> |
|-------------------|-----------|--|--|---------------------|----------------------|--------------------|
| <a href="#">1</a> | EHS       |  | 99 Bill Leathem Drive and Portions of 2 and 20 Leikin Drive<br>Nepean ON K2J 0P8 | NE/0.0              | 0.00                 | <a href="#">35</a> |
| <a href="#">2</a> | EHS       |  | n/a<br>Ottawa ON   | E/0.0               | -1.00                | <a href="#">35</a> |
| <a href="#">3</a> | ECA       | Medusa General Partner Inc. as general partner for and on behalf of Medusa | Limited Partnership null<br>ON   | WSW/0.0             | 1.00                 | <a href="#">35</a> |
| <a href="#">4</a> | EHS       |  | 20 Leikin Drive<br>Nepean ON K2C 3H1   | ENE/0.0             | -3.00                | <a href="#">35</a> |
| <a href="#">5</a> | ECA       | Medusa General Partner Inc. as general partner for and on behalf of Medusa | Limited Partnership null<br>ON   | WSW/0.0             | 1.00                 | <a href="#">36</a> |
| <a href="#">6</a> | WWIS      |  | ON<br><br><i>Well ID: 7392025</i>  | NE/0.0              | -4.00                | <a href="#">36</a> |

## Executive Summary: Site Report Summary - Surrounding Properties

| <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="#">7</a>  | WWIS      |                          | lot 19 con 1<br>ON<br><b>Well ID:</b> 1504705 | NE/19.2             | -4.00                | <a href="#">37</a> |
| <a href="#">8</a>  | BORE      |                          | ON  | NE/19.4             | -4.00                | <a href="#">40</a> |
| <a href="#">9</a>  | EHS       |                          | 96 Bill Leathem Drive<br>Nepean ON K2J 0P8    | SSW/38.0            | 1.70                 | <a href="#">41</a> |
| <a href="#">10</a> | SCT       | JDS Uniphase Corporation | 61 Bill Leathem Dr<br>Ottawa ON K2J 0P7       | S/42.4              | 2.00                 | <a href="#">41</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.        | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">41</a> |
| <a href="#">10</a> | SCT       | JDS Uniphase Corporation | 61 Bill Leathem Dr<br>Nepean ON K2J 0P7       | S/42.4              | 2.00                 | <a href="#">42</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.        | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">42</a> |
| <a href="#">10</a> | EASR      | Lumentum Ottawa Inc.     | 61 BILL LEATHEM DRIVE<br>OTTAWA ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">43</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.        | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">44</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.        | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">44</a> |
| <a href="#">10</a> | EASR      | Lumentum Ottawa Inc.     | 61 BILL LEATHEM DRIVE<br>OTTAWA ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">45</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.        | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">46</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="#">10</a> | ECA       | JDS Uniphase Inc.                      | 61 Bill Leathem Drive<br>OTTAWA ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">46</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.                      | 61 Bill Leathem Drive<br>Nepean ON         | S/42.4              | 2.00                 | <a href="#">47</a> |
| <a href="#">10</a> | EHS       |  | 61 Bill Leathem Dr<br>Ottawa ON K2J0P7     | S/42.4              | 2.00                 | <a href="#">48</a> |
| <a href="#">10</a> | ECA       | JDS Uniphase Inc.                      | 61 Bill Leathem Dr<br>Ottawa ON K2J 0P7    | S/42.4              | 2.00                 | <a href="#">48</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">48</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">49</a> |
| <a href="#">10</a> | GEN       | JDS Uniphase Inc.                      | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">50</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">51</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">52</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">53</a> |
| <a href="#">10</a> | GEN       | Lumentum Ottawa Inc.                   | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | S/42.4              | 2.00                 | <a href="#">54</a> |
| <a href="#">11</a> | CNG       | Enbridge - South Merivale Op<br>Centre | Private<br>Nepean ON K2J 0R3               | SSW/44.5            | 3.03                 | <a href="#">55</a> |
| <a href="#">12</a> | BORE      |  | ON   | ENE/47.2            | -5.00                | <a href="#">56</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="#">13</a> | WWIS      |                                 | lot 19 con A<br>ON<br><b>Well ID:</b> 1510965 | ENE/47.3            | -5.00                | <a href="#">57</a> |
| <a href="#">14</a> | EHS       |                                 | 61 Bill Leathem Dr<br>Nepean ON K2J 0P7       | S/66.3              | 2.06                 | <a href="#">61</a> |
| <a href="#">15</a> | EHS       |                                 | 2 Bill Leathem Drive<br>Nepean ON K2J 0P7     | SW/70.5             | 1.00                 | <a href="#">61</a> |
| <a href="#">16</a> | WWIS      |                                 | con 2<br>OTTAWA ON<br><b>Well ID:</b> 1534521 | WSW/72.0            | 1.00                 | <a href="#">61</a> |
| <a href="#">17</a> | BORE      |                                 | ON  | SSE/72.4            | 0.97                 | <a href="#">62</a> |
| <a href="#">18</a> | WWIS      |                                 | lot 18 con 1<br>ON<br><b>Well ID:</b> 1504702 | SSE/72.4            | 0.97                 | <a href="#">64</a> |
| <a href="#">19</a> | GEN       | CONSUMERS GAS COMPANY LTD., THE | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2    | SSW/88.1            | 2.20                 | <a href="#">66</a> |
| <a href="#">19</a> | GEN       | CONSUMERS GAS COMPANY           | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2    | SSW/88.1            | 2.20                 | <a href="#">66</a> |
| <a href="#">19</a> | GEN       | ENBRIDGE SERVICES INC.          | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2    | SSW/88.1            | 2.20                 | <a href="#">67</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution       | 90 Bill Leatham Drive<br>Nepean ON            | SSW/88.1            | 2.20                 | <a href="#">67</a> |
| <a href="#">19</a> | GEN       | Direct Energy Inc.              | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2    | SSW/88.1            | 2.20                 | <a href="#">68</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution       | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3    | SSW/88.1            | 2.20                 | <a href="#">68</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution       | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3    | SSW/88.1            | 2.20                 | <a href="#">69</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> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | SSW/88.1            | 2.20                 | <a href="#">69</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | SSW/88.1            | 2.20                 | <a href="#">70</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON         | SSW/88.1            | 2.20                 | <a href="#">70</a> |
| <a href="#">19</a> | EHS       |                           | 90 Bill Leathem Drive<br>Ottawa ON         | SSW/88.1            | 2.20                 | <a href="#">71</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | SSW/88.1            | 2.20                 | <a href="#">71</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | SSW/88.1            | 2.20                 | <a href="#">72</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Inc.         | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | SSW/88.1            | 2.20                 | <a href="#">73</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Distribution | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | SSW/88.1            | 2.20                 | <a href="#">74</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Inc.         | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | SSW/88.1            | 2.20                 | <a href="#">75</a> |
| <a href="#">19</a> | SPL       |                           | 90 Bill Leathem Drive, Nepean<br>Ottawa ON | SSW/88.1            | 2.20                 | <a href="#">75</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Inc.         | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | SSW/88.1            | 2.20                 | <a href="#">76</a> |
| <a href="#">19</a> | GEN       | Enbridge Gas Inc.         | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | SSW/88.1            | 2.20                 | <a href="#">77</a> |
| <a href="#">19</a> | EHS       |                           | 90 Bill Leathem Dr.<br>Nepean ON K2J 0R3   | SSW/88.1            | 2.20                 | <a href="#">78</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="#">20</a> | EHS       |                          | 90 Bill Leathem Drive<br>Ottawa ON K2J 0R3                                    | SSW/89.2            | 2.11                 | <a href="#">78</a> |
| <a href="#">21</a> | WWIS      |                          | con 1<br>ON<br><i>Well ID:</i> 7352549  | S/96.8              | -2.00                | <a href="#">78</a> |
| <a href="#">22</a> | EHS       |                          | Leiken Drive<br>Ottawa ON   | SE/100.5            | -1.15                | <a href="#">79</a> |
| <a href="#">23</a> | ECA       | City of Ottawa           | Part of Lots 18 & 19, Concession 1, Rideau Front<br>Ottawa ON K2G 6J8         | SW/137.0            | -0.20                | <a href="#">79</a> |
| <a href="#">24</a> | WWIS      |                          | PRINCE OF WALES<br>Ottawa ON<br><i>Well ID:</i> 7181888                       | ENE/138.0           | -6.00                | <a href="#">80</a> |
| <a href="#">25</a> | WWIS      |                          | lot 18 con 1<br>ON<br><i>Well ID:</i> 1504703                                 | E/141.9             | -6.00                | <a href="#">82</a> |
| <a href="#">26</a> | BORE      |                          | ON  | E/141.9             | -6.00                | <a href="#">85</a> |
| <a href="#">27</a> | EHS       |                          | 88 Prom. Leikin Dr<br>Nepean ON K2G   | SE/152.1            | 0.00                 | <a href="#">86</a> |
| <a href="#">28</a> | EHS       |                          | Site 2 Bill Leathem Drive<br>Ottawa ON K2G                                    | SSE/152.5           | 1.53                 | <a href="#">86</a> |
| <a href="#">29</a> | EBR       | Canada Post Corporation  | 50 Leikin Drive Ottawa, ON Canada<br>ON                                       | SE/156.0            | -0.08                | <a href="#">86</a> |
| <a href="#">29</a> | ECA       | Canada Post Corporation  | 50 Leikin Dr<br>Ottawa ON K1A 0B1   | SE/156.0            | -0.08                | <a href="#">87</a> |
| <a href="#">30</a> | WWIS      |                          | 2876 PRINCE OF WALES DR. lot 19 con A<br>NEPAEN ON<br><i>Well ID:</i> 1534771 | E/173.2             | -5.92                | <a href="#">87</a> |
| <a href="#">31</a> | WWIS      |                          | lot 19 con A<br>ON  | ENE/173.7           | -5.92                | <a href="#">89</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>  |
|--------------------|-----------|---|---|---------------------|----------------------|---------------------|
|                    |           |   | <b>Well ID:</b> 1513688   |                     |                      |                     |
| <a href="#">32</a> | WWIS      |   | lot 18 con A<br>ON<br><b>Well ID:</b> 1515468   | E/194.5             | -5.95                | <a href="#">92</a>  |
| <a href="#">33</a> | EBR       | JDS Uniphase Inc.                             | 15 Bill Leathem Drive Ottawa CITY OF<br>OTTAWA<br>ON  | SSE/248.2           | 1.08                 | <a href="#">96</a>  |
| <a href="#">33</a> | EBR       | JDS Uniphase Inc.                             | 15 Bill Leathem Drive Ottawa K2J 0P7<br>CITY OF OTTAWA<br>ON  | SSE/248.2           | 1.08                 | <a href="#">96</a>  |
| <a href="#">33</a> | ECA       | JDS Uniphase Inc.                             | 15 Bill Leathem Dr<br>Ottawa ON K2G 5W8   | SSE/248.2           | 1.08                 | <a href="#">97</a>  |
| <a href="#">34</a> | CFOT      | PUBLIC WORKS<br>GOVERNMENT SERVICES<br>CANADA | 73 LEIKIN DR SUITE M1-0-911<br>OTTAWA ON  | ESE/269.7           | -4.00                | <a href="#">97</a>  |
| <a href="#">34</a> | GEN       | Royal Canadian Mounted Police                 | 73 Leikin Drive<br>Ottawa ON K1A 0R2  | ESE/269.7           | -4.00                | <a href="#">97</a>  |
| <a href="#">34</a> | FRST      |   | 73 Leikin<br>Ottawa ON  | ESE/269.7           | -4.00                | <a href="#">98</a>  |
| <a href="#">34</a> | FRST      |   | 73 Leikin Drive<br>Ottawa ON  | ESE/269.7           | -4.00                | <a href="#">103</a> |
| <a href="#">34</a> | FRST      |   | 73 Leikin Drive<br>Ottawa ON  | ESE/269.7           | -4.00                | <a href="#">107</a> |
| <a href="#">34</a> | FRST      |   | 73 Leikin Drive<br>Ottawa ON  | ESE/269.7           | -4.00                | <a href="#">112</a> |
| <a href="#">34</a> | EHS       |   | 73 Leiken Drive<br>Nepean ON K2G  | ESE/269.7           | -4.00                | <a href="#">115</a> |
| <a href="#">35</a> | SPL       | CONTRACTOR                                    | 3000 MERIVALE RD AT HWY 16-<br>CONSTRUCTION SITE MOTOR VEHICLE<br>(OPERATING FLUID)<br>OTTAWA CITY ON | ESE/284.7           | -4.00                | <a href="#">115</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="#">35</a> | SPL       | JDS FITEL (UNIPHASE) INC.   | 3000 MERIVALE RD, PARKING LOT 3000<br>MERIVALE RD NEPEAN ON<br>NEPEAN CITY ON | ESE/284.7           | -4.00                | <a href="#">116</a> |
| <a href="#">35</a> | CA        | JDS UNIPHASE INC.           | 3000 MERIVALE ROAD<br>NEPEAN CITY ON  | ESE/284.7           | -4.00                | <a href="#">117</a> |
| <a href="#">35</a> | CA        |                             | 3000 Merivale Road<br>Nepean ON   | ESE/284.7           | -4.00                | <a href="#">117</a> |
| <a href="#">35</a> | CA        |                             | 3000 Merivale Road<br>Nepean ON   | ESE/284.7           | -4.00                | <a href="#">117</a> |
| <a href="#">35</a> | CA        |                             | 3000 Merivale Road<br>Nepean ON   | ESE/284.7           | -4.00                | <a href="#">118</a> |
| <a href="#">35</a> | EBR       | JDS Uniphase Corporation    | 3000 Merivale Road NEPEAN<br>ON   | ESE/284.7           | -4.00                | <a href="#">118</a> |
| <a href="#">35</a> | EBR       | JDS Uniphase Inc.           | 3000 Merivale Road NEPEAN<br>ON   | ESE/284.7           | -4.00                | <a href="#">118</a> |
| <a href="#">35</a> | EBR       | JDS Uniphase Inc.           | 3000 Merivale Road Nepean Ontario K2G<br>6N7 Nepean<br>ON                     | ESE/284.7           | -4.00                | <a href="#">119</a> |
| <a href="#">35</a> | EBR       | JDS Uniphase Inc.           | 3000 Merivale Road Nepean Ontario K2G<br>6N7 Nepean<br>ON                     | ESE/284.7           | -4.00                | <a href="#">119</a> |
| <a href="#">35</a> | SCT       | JDS Uniphase Ltd.           | 3000 Merivale Rd<br>Nepean ON   | ESE/284.7           | -4.00                | <a href="#">120</a> |
| <a href="#">35</a> | GEN       | JDS FITEL INC.              | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1                                       | ESE/284.7           | -4.00                | <a href="#">120</a> |
| <a href="#">35</a> | GEN       | JDS UNIPHASE<br>CORPORATION | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1                                       | ESE/284.7           | -4.00                | <a href="#">120</a> |
| <a href="#">35</a> | GEN       | JDS UNIPHASE Inc.           | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1                                       | ESE/284.7           | -4.00                | <a href="#">121</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="#">35</a> | SCT       | JDS Uniphase Corporation                 | 3000 Merivale Rd<br>Nepean ON K2G 6N7   | ESE/284.7           | -4.00                | <a href="#">122</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road<br>Ottawa ON K2G6N7  | ESE/284.7           | -4.00                | <a href="#">122</a> |
| <a href="#">35</a> | EHS       |  | 3000 Merivale Road<br>Ottawa ON   | ESE/284.7           | -4.00                | <a href="#">123</a> |
| <a href="#">35</a> | SPL       | JDS Uniphase Inc.                        | 3000 Merivale Road<br>Nepean ON   | ESE/284.7           | -4.00                | <a href="#">123</a> |
| <a href="#">35</a> | SPL       | JDS Uniphase Corporation                 | 3000 MARIVALE RD.,<br>NEPEAN<UNOFFICIAL><br>Ottawa ON                                   | ESE/284.7           | -4.00                | <a href="#">124</a> |
| <a href="#">35</a> | CA        | Public Work Government Service<br>Canada | 3000 Merivale Rd<br>Ottawa ON   | ESE/284.7           | -4.00                | <a href="#">125</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road<br>Ottawa ON   | ESE/284.7           | -4.00                | <a href="#">125</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON        | ESE/284.7           | -4.00                | <a href="#">126</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON        | ESE/284.7           | -4.00                | <a href="#">126</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">127</a> |
| <a href="#">35</a> | NPRI      | JDS UNIPHASE INC.                        | 3000 Merivale Road<br>Ottawa ON K2G6N7  | ESE/284.7           | -4.00                | <a href="#">127</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                    | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON        | ESE/284.7           | -4.00                | <a href="#">129</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="#">35</a> | ECA       | Public Work Government Service Canada | 3000 Merivale Rd<br>Ottawa ON K1A 0R2   | ESE/284.7           | -4.00                | <a href="#">130</a> |
| <a href="#">35</a> | ECA       | JDS Uniphase Inc.                     | 3000 Merivale Road<br>Nepean ON K2G 5W8   | ESE/284.7           | -4.00                | <a href="#">130</a> |
| <a href="#">35</a> | ECA       | JDS Uniphase Corporation              | 3000 Merivale Road<br>Nepean ON K2G 5W8   | ESE/284.7           | -4.00                | <a href="#">131</a> |
| <a href="#">35</a> | ECA       | JDS Uniphase Inc.                     | 3000 Merivale Road<br>Nepean ON K2G 5W8   | ESE/284.7           | -4.00                | <a href="#">131</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">131</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">132</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">132</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">133</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">134</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">134</a> |
| <a href="#">35</a> | GEN       | Minto Commercial Inc.                 | 3000 Merivale Road 73 Leikin Drive<br>(formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | ESE/284.7           | -4.00                | <a href="#">135</a> |
| <a href="#">36</a> | WWIS      |                                       | lot 19 con A<br>ON<br><b>Well ID:</b> 1504097   | ENE/285.5           | -8.06                | <a href="#">135</a> |
| <a href="#">37</a> | BORE      |                                       | ON  | ENE/285.5           | -8.06                | <a href="#">138</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="#">38</a> | WWIS      |                          | lot 18 con A<br>ON<br><i>Well ID:</i> 1504087 | E/289.0             | -6.31                | <a href="#">139</a> |
| <a href="#">39</a> | WWIS      |                          | lot 19 con A<br>ON<br><i>Well ID:</i> 1533419 | ENE/291.0           | -5.97                | <a href="#">143</a> |
| <a href="#">40</a> | WWIS      |                          | lot 19 con A<br>ON<br><i>Well ID:</i> 1527674 | ENE/294.2           | -5.97                | <a href="#">147</a> |
| <a href="#">40</a> | WWIS      |                          | lot 19 con A<br>ON<br><i>Well ID:</i> 1527675 | ENE/294.2           | -5.97                | <a href="#">148</a> |
| <a href="#">41</a> | GEN       | Del Management           | 2746 Prince of Wales Dr.<br>Ottawa ON K2C 3H1 | NE/295.7            | -5.80                | <a href="#">150</a> |

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 5 BORE site(s) within approximately 0.30 kilometers of the project property.

| <b><u>Site</u></b> | <b><u>Address</u></b> | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------|-----------------------|----------------------------|---------------------------|
|                    | ON                    | 19.4                       | <a href="#"><u>8</u></a>  |
|                    | ON                    | 47.2                       | <a href="#"><u>12</u></a> |
|                    | ON                    | 72.4                       | <a href="#"><u>17</u></a> |
|                    | ON                    | 141.9                      | <a href="#"><u>26</u></a> |
|                    | ON                    | 285.5                      | <a href="#"><u>37</u></a> |

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 5 CA site(s) within approximately 0.30 kilometers of the project property.

| <b><u>Site</u></b> | <b><u>Address</u></b>                | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|--------------------|--------------------------------------|----------------------------|---------------------------|
|                    | 3000 Merivale Road<br>Nepean ON      | 284.7                      | <a href="#"><u>35</u></a> |
|                    | 3000 Merivale Road<br>Nepean ON      | 284.7                      | <a href="#"><u>35</u></a> |
| JDS UNIPHASE INC.  | 3000 MERIVALE ROAD<br>NEPEAN CITY ON | 284.7                      | <a href="#"><u>35</u></a> |



| <u>Site</u>                              | <u>Address</u>                  | <u>Distance (m)</u> | <u>Map Key</u>     |
|--|---------------------------------|---------------------|--------------------|
| Public Work Government Service<br>Canada | 3000 Merivale Rd<br>Ottawa ON   | 284.7               | <a href="#">35</a> |
|  | 3000 Merivale Road<br>Nepean ON | 284.7               | <a href="#">35</a> |

### **CFOT - Commercial Fuel Oil Tanks**

A search of the CFOT database, dated Oct 2023 has found that there are 1 CFOT site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                                | <u>Address</u>                           | <u>Distance (m)</u> | <u>Map Key</u>     |
|--|--|---------------------|--------------------|
| PUBLIC WORKS GOVERNMENT<br>SERVICES CANADA | 73 LEIKIN DR SUITE M1-0-911<br>OTTAWA ON | 269.7               | <a href="#">34</a> |

### **CNG - Compressed Natural Gas Stations**

A search of the CNG database, dated Dec 2012 -May 2024 has found that there are 1 CNG site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>                         | <u>Address</u>               | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------------------------------|------------------------------|---------------------|--------------------|
| Enbridge - South Merivale Op Centre | Private<br>Nepean ON K2J 0R3 | 44.5                | <a href="#">11</a> |

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

A search of the EASR database, dated Oct 2011-Jun 30, 2024 has found that there are 2 EASR site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>          | <u>Address</u>                             | <u>Distance (m)</u> | <u>Map Key</u>     |
|----------------------|--|---------------------|--------------------|
| Lumentum Ottawa Inc. | 61 BILL LEATHEM DRIVE<br>OTTAWA ON K2J 0P7 | 42.4                | <a href="#">10</a> |
| Lumentum Ottawa Inc. | 61 BILL LEATHEM DRIVE<br>OTTAWA ON K2J 0P7 | 42.4                | <a href="#">10</a> |

| <u>Site</u> | <u>Address</u> | <u>Distance (m)</u> | <u>Map Key</u> |
|-------------|----------------|---------------------|----------------|
|-------------|----------------|---------------------|----------------|

### **EBR - Environmental Registry**

A search of the EBR database, dated 1994 - Jun 30, 2024 has found that there are 7 EBR site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>              | <u>Address</u>   | <u>Distance (m)</u> | <u>Map Key</u>            |
|--------------------------|--|---------------------|---------------------------|
| Canada Post Corporation  | 50 Leikin Drive Ottawa, ON Canada<br>ON                      | 156.0               | <a href="#"><u>29</u></a> |
| JDS Uniphase Inc.        | 15 Bill Leathem Drive Ottawa K2J 0P7 CITY<br>OF OTTAWA<br>ON | 248.2               | <a href="#"><u>33</u></a> |
| JDS Uniphase Inc.        | 15 Bill Leathem Drive Ottawa CITY OF<br>OTTAWA<br>ON         | 248.2               | <a href="#"><u>33</u></a> |
| JDS Uniphase Inc.        | 3000 Merivale Road Nepean Ontario K2G<br>6N7 Nepean<br>ON    | 284.7               | <a href="#"><u>35</u></a> |
| JDS Uniphase Corporation | 3000 Merivale Road NEPEAN<br>ON                              | 284.7               | <a href="#"><u>35</u></a> |
| JDS Uniphase Inc.        | 3000 Merivale Road NEPEAN<br>ON                              | 284.7               | <a href="#"><u>35</u></a> |
| JDS Uniphase Inc.        | 3000 Merivale Road Nepean Ontario K2G<br>6N7 Nepean<br>ON    | 284.7               | <a href="#"><u>35</u></a> |

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Jun 30, 2024 has found that there are 11 ECA site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>   | <u>Address</u>                 | <u>Distance (m)</u> | <u>Map Key</u>           |
|---|--------------------------------|---------------------|--------------------------|
| Medusa General Partner Inc. as general<br>partner for and on behalf of Medusa | Limited Partnership null<br>ON | 0.0                 | <a href="#"><u>3</u></a> |

| <u>Site</u>  | <u>Address</u>  | <u>Distance (m)</u> | <u>Map Key</u>            |
|--|---|---------------------|---------------------------|
| Medusa General Partner Inc. as general partner for and on behalf of Medusa | Limited Partnership null ON   | 0.0                 | <a href="#"><u>5</u></a>  |
| JDS Uniphase Inc.  | 61 Bill Leathem Dr<br>Ottawa ON K2J 0P7                               | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.  | 61 Bill Leathem Drive<br>OTTAWA ON K2J 0P7                            | 42.4                | <a href="#"><u>10</u></a> |
| City of Ottawa   | Part of Lots 18 & 19, Concession 1, Rideau Front<br>Ottawa ON K2G 6J8 | 137.0               | <a href="#"><u>23</u></a> |
| Canada Post Corporation  | 50 Leikin Dr<br>Ottawa ON K1A 0B1                                     | 156.0               | <a href="#"><u>29</u></a> |
| JDS Uniphase Inc.  | 15 Bill Leathem Dr<br>Ottawa ON K2G 5W8                               | 248.2               | <a href="#"><u>33</u></a> |
| JDS Uniphase Inc.  | 3000 Merivale Road<br>Nepean ON K2G 5W8                               | 284.7               | <a href="#"><u>35</u></a> |
| JDS Uniphase Corporation   | 3000 Merivale Road<br>Nepean ON K2G 5W8                               | 284.7               | <a href="#"><u>35</u></a> |
| JDS Uniphase Inc.  | 3000 Merivale Road<br>Nepean ON K2G 5W8                               | 284.7               | <a href="#"><u>35</u></a> |
| Public Work Government Service<br>Canada                                   | 3000 Merivale Rd<br>Ottawa ON K1A 0R2                                 | 284.7               | <a href="#"><u>35</u></a> |

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 15 EHS site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>  | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|---|---------------------|---------------------------|
|             | 99 Bill Leathem Drive and Portions of 2 and<br>20 Leikin Drive<br>Nepean ON K2J 0P8 | 0.0                 | <a href="#"><u>1</u></a>  |
|             | n/a<br>Ottawa ON  | 0.0                 | <a href="#"><u>2</u></a>  |
|             | 20 Leikin Drive<br>Nepean ON K2C 3H1  | 0.0                 | <a href="#"><u>4</u></a>  |
|             | 96 Bill Leathem Drive<br>Nepean ON K2J 0P8  | 38.0                | <a href="#"><u>9</u></a>  |
|             | 61 Bill Leathem Dr<br>Ottawa ON K2J0P7  | 42.4                | <a href="#"><u>10</u></a> |
|             | 61 Bill Leathem Dr<br>Nepean ON K2J 0P7   | 66.3                | <a href="#"><u>14</u></a> |
|             | 2 Bill Leathem Drive<br>Nepean ON K2J 0P7   | 70.5                | <a href="#"><u>15</u></a> |
|             | 90 Bill Leathem Dr.<br>Nepean ON K2J 0R3  | 88.1                | <a href="#"><u>19</u></a> |
|             | 90 Bill Leathem Drive<br>Ottawa ON  | 88.1                | <a href="#"><u>19</u></a> |
|             | 90 Bill Leathem Drive<br>Ottawa ON K2J 0R3  | 89.2                | <a href="#"><u>20</u></a> |
|             | Leiken Drive<br>Ottawa ON   | 100.5               | <a href="#"><u>22</u></a> |

| <u>Site</u> | <u>Address</u>                             | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------|--|---------------------|--------------------|
|             | 88 Prom. Leikin Dr<br>Nepean ON K2G        | 152.1               | <a href="#">27</a> |
|             | Site 2 Bill Leathem Drive<br>Ottawa ON K2G | 152.5               | <a href="#">28</a> |
|             | 73 Leikin Drive<br>Nepean ON K2G           | 269.7               | <a href="#">34</a> |
|             | 3000 Merivale Road<br>Ottawa ON            | 284.7               | <a href="#">35</a> |

### **FRST - Federal Identification Registry for Storage Tank Systems (FIRSTS)**

A search of the FRST database, dated Oct 31, 2021 has found that there are 4 FRST site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>               | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------|------------------------------|---------------------|--------------------|
|             | 73 Leikin<br>Ottawa ON       | 269.7               | <a href="#">34</a> |
|             | 73 Leikin Drive<br>Ottawa ON | 269.7               | <a href="#">34</a> |
|             | 73 Leikin Drive<br>Ottawa ON | 269.7               | <a href="#">34</a> |
|             | 73 Leikin Drive<br>Ottawa ON | 269.7               | <a href="#">34</a> |

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

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 48 GEN site(s) within approximately 0.30 kilometers of the project property.

| <b>Site</b>          | <b>Address</b>                             | <b>Distance (m)</b> | <b>Map Key</b>            |
|----------------------|--|---------------------|---------------------------|
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON         | 42.4                | <a href="#"><u>10</u></a> |
| Lumentum Ottawa Inc. | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| Lumentum Ottawa Inc. | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| JDS Uniphase Inc.    | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| Lumentum Ottawa Inc. | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| Lumentum Ottawa Inc. | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |
| Lumentum Ottawa Inc. | 61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | 42.4                | <a href="#"><u>10</u></a> |

| <b><u>Site</u></b>                 | <b><u>Address</u></b>                      | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|------------------------------------|--|----------------------------|---------------------------|
| Lumentum Ottawa Inc.               | 61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | 42.4                       | <a href="#"><u>10</u></a> |
| CONSUMERS GAS COMPANY LTD.,<br>THE | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| CONSUMERS GAS COMPANY              | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| ENBRIDGE SERVICES INC.             | 90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leatham Drive<br>Nepean ON         | 88.1                       | <a href="#"><u>19</u></a> |
| Direct Energy Inc.                 | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution          | 90 Bill Leathem Drive<br>Nepean ON         | 88.1                       | <a href="#"><u>19</u></a> |

| <b><u>Site</u></b>            | <b><u>Address</u></b>                      | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|-------------------------------|--|----------------------------|---------------------------|
| Enbridge Gas Distribution     | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution     | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Inc.             | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Distribution     | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Inc.             | 90 Bill Leathem Drive<br>Nepean ON K2G 6J2 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Inc.             | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Enbridge Gas Inc.             | 90 Bill Leathem Drive<br>Nepean ON K2J 0R3 | 88.1                       | <a href="#"><u>19</u></a> |
| Royal Canadian Mounted Police | 73 Leikin Drive<br>Ottawa ON K1A 0R2       | 269.7                      | <a href="#"><u>34</u></a> |
| JDS FITEL INC.                | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1    | 284.7                      | <a href="#"><u>35</u></a> |
| JDS UNIPHASE CORPORATION      | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1    | 284.7                      | <a href="#"><u>35</u></a> |
| JDS UNIPHASE Inc.             | 3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1    | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc.         | 3000 Merivale Road<br>Ottawa ON K2G6N7     | 284.7                      | <a href="#"><u>35</u></a> |



| <b><u>Site</u></b>    | <b><u>Address</u></b>   | <b><u>Distance (m)</u></b> | <b><u>Map Key</u></b>     |
|-----------------------|---|----------------------------|---------------------------|
| Minto Commercial Inc. | 3000 Merivale Road<br>Ottawa ON   | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON        | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON        | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON        | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7                      | <a href="#"><u>35</u></a> |

| <u>Site</u>           | <u>Address</u>   | <u>Distance (m)</u> | <u>Map Key</u>     |
|-----------------------|--|---------------------|--------------------|
| Minto Commercial Inc. | 3000 Merivale Road 73 Leikin Drive (formerly 3000 Merivale Road)<br>Ottawa ON K2G6N7 | 284.7               | <a href="#">35</a> |
| Del Management        | 2746 Prince of Wales Dr.<br>Ottawa ON K2C 3H1  | 295.7               | <a href="#">41</a> |

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

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>       | <u>Address</u>                         | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------------|--|---------------------|--------------------|
| JDS UNIPHASE INC. | 3000 Merivale Road<br>Ottawa ON K2G6N7 | 284.7               | <a href="#">35</a> |

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

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 4 SCT site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>              | <u>Address</u>                          | <u>Distance (m)</u> | <u>Map Key</u>     |
|--------------------------|---|---------------------|--------------------|
| JDS Uniphase Corporation | 61 Bill Leatham Dr<br>Ottawa ON K2J 0P7 | 42.4                | <a href="#">10</a> |
| JDS Uniphase Corporation | 61 Bill Leatham Dr<br>Nepean ON K2J 0P7 | 42.4                | <a href="#">10</a> |
| JDS Uniphase Ltd.        | 3000 Merivale Rd<br>Nepean ON           | 284.7               | <a href="#">35</a> |
| JDS Uniphase Corporation | 3000 Merivale Rd<br>Nepean ON K2G 6N7   | 284.7               | <a href="#">35</a> |

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 5 SPL site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u>               | <u>Address</u>  | <u>Distance (m)</u> | <u>Map Key</u>     |
|---------------------------|---|---------------------|--------------------|
|                           | 90 Bill Leathem Drive, Nepean<br>Ottawa ON  | 88.1                | <a href="#">19</a> |
| JDS Uniphase Inc.         | 3000 Merivale Road<br>Nepean ON   | 284.7               | <a href="#">35</a> |
| CONTRACTOR                | 3000 MERIVALE RD AT HWY 16-<br>CONSTRUCTION SITE MOTOR VEHICLE<br>(OPERATING FLUID)<br>OTTAWA CITY ON | 284.7               | <a href="#">35</a> |
| JDS FITEL (UNIPHASE) INC. | 3000 MERIVALE RD, PARKING LOT 3000<br>MERIVALE RD NEPEAN ON<br>NEPEAN CITY ON                         | 284.7               | <a href="#">35</a> |
| JDS Uniphase Corporation  | 3000 MARIVALE RD.,<br>NEPEAN<UNOFFICIAL><br>Ottawa ON   | 284.7               | <a href="#">35</a> |

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

A search of the WWIS database, dated Dec 31 2023 has found that there are 16 WWIS site(s) within approximately 0.30 kilometers of the project property.

| <u>Site</u> | <u>Address</u>                                    | <u>Distance (m)</u> | <u>Map Key</u>     |
|-------------|---|---------------------|--------------------|
|             | ON<br><br><i>Well ID: 7392025</i>                 | 0.0                 | <a href="#">6</a>  |
|             | lot 19 con 1<br>ON<br><br><i>Well ID: 1504705</i> | 19.2                | <a href="#">7</a>  |
|             | lot 19 con A<br>ON<br><br><i>Well ID: 1510965</i> | 47.3                | <a href="#">13</a> |
|             | con 2<br>OTTAWA ON<br><br><i>Well ID: 1534521</i> | 72.0                | <a href="#">16</a> |

| <u>Site</u> | <u>Address</u>  | <u>Distance (m)</u> | <u>Map Key</u>            |
|-------------|---|---------------------|---------------------------|
|             | lot 18 con 1<br>ON<br><br><i>Well ID:</i> 1504702                                 | 72.4                | <a href="#"><u>18</u></a> |
|             | con 1<br>ON<br><br><i>Well ID:</i> 7352549  | 96.8                | <a href="#"><u>21</u></a> |
|             | PRINCE OF WALES<br>Ottawa ON<br><br><i>Well ID:</i> 7181888                       | 138.0               | <a href="#"><u>24</u></a> |
|             | lot 18 con 1<br>ON<br><br><i>Well ID:</i> 1504703                                 | 141.9               | <a href="#"><u>25</u></a> |
|             | 2876 PRINCE OF WALES DR. lot 19 con A<br>NEPAEN ON<br><br><i>Well ID:</i> 1534771 | 173.2               | <a href="#"><u>30</u></a> |
|             | lot 19 con A<br>ON<br><br><i>Well ID:</i> 1513688                                 | 173.7               | <a href="#"><u>31</u></a> |
|             | lot 18 con A<br>ON<br><br><i>Well ID:</i> 1515468                                 | 194.5               | <a href="#"><u>32</u></a> |
|             | lot 19 con A<br>ON<br><br><i>Well ID:</i> 1504097                                 | 285.5               | <a href="#"><u>36</u></a> |
|             | lot 18 con A<br>ON<br><br><i>Well ID:</i> 1504087                                 | 289.0               | <a href="#"><u>38</u></a> |
|             | lot 19 con A<br>ON<br><br><i>Well ID:</i> 1533419                                 | 291.0               | <a href="#"><u>39</u></a> |
|             | lot 19 con A<br>ON<br><br><i>Well ID:</i> 1527674                                 | 294.2               | <a href="#"><u>40</u></a> |
|             | lot 19 con A<br>ON  | 294.2               | <a href="#"><u>40</u></a> |

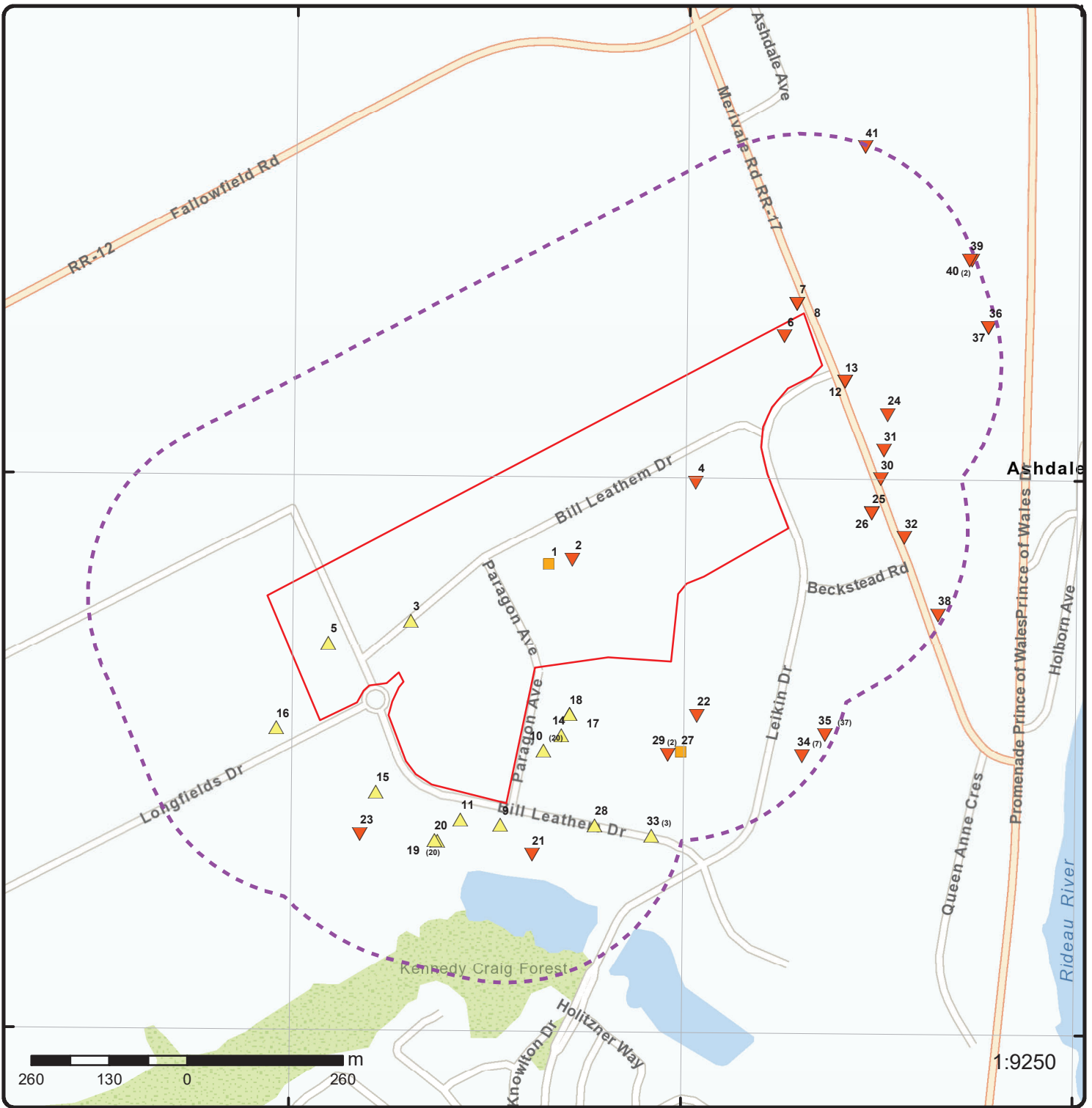
**Site**

**Address**

**Distance (m)**

**Map Key**

*Well ID: 1527675*



### Map: 0.3 Kilometer Radius

Order Number: 24080800561

Address: 1 Leikin Drive, 20 Leikin Drive and 99 Bill Leatham Drive, Ottawa, ON



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



250 125 0 250 m

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

**Aerial** Year: 2023

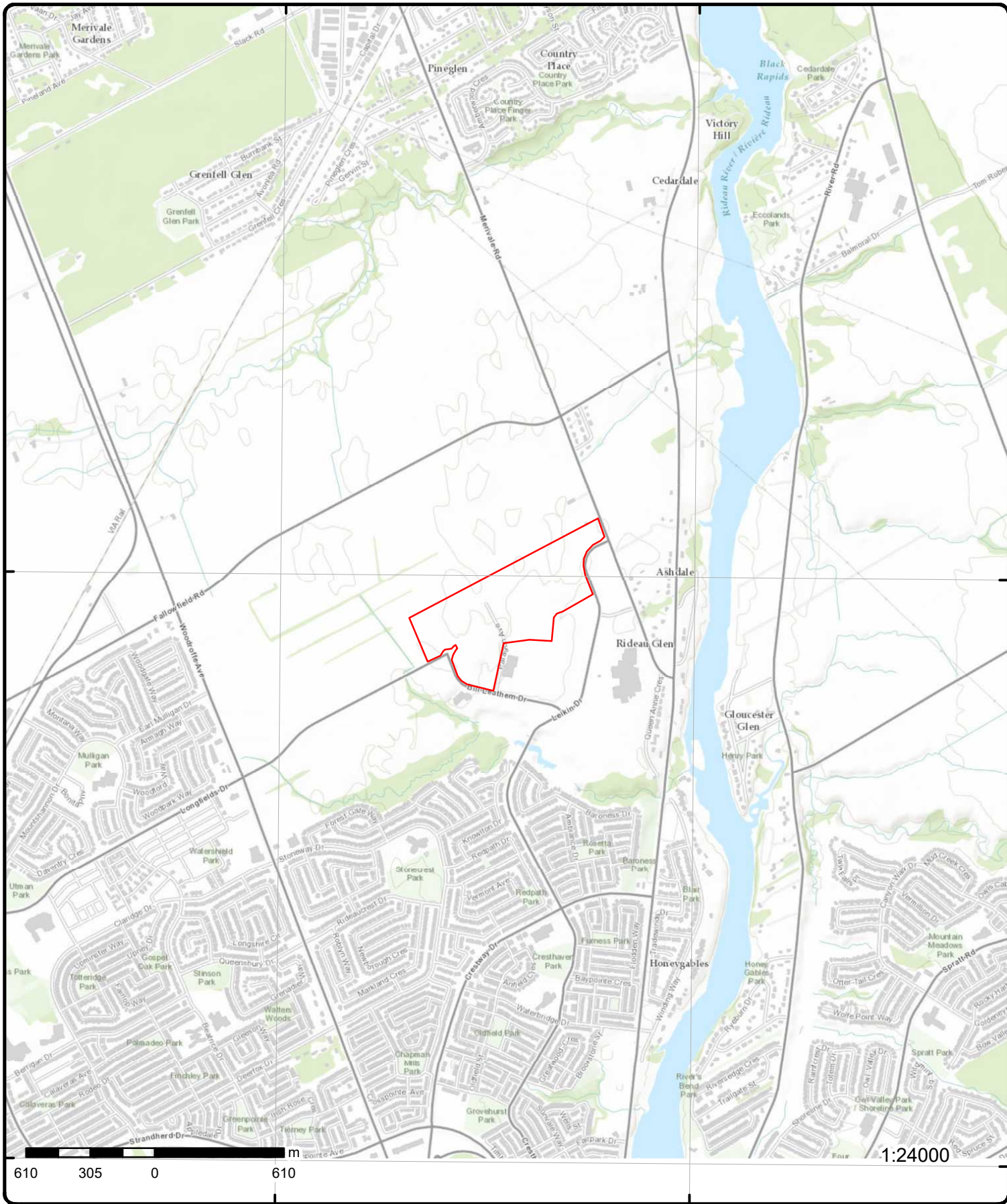
Order Number: 24080800561

Address: 1 Leikin Drive, 20 Leikin Drive and 99 Bill Leathem Drive, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



1:24000

# Topographic Map

Order Number: 24080800561

Address: 1 Leikin Drive, 20 Leikin Drive and 99 Bill Leatham Drive, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership



# Detail Report

| Map Key   | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site  | DB  |
|---|-------------------|---|------------------|---|-----|
| <u>1</u>  | 1 of 1            | NE/0.0  | 88.9 / 0.00      | 99 Bill Leatham Drive and Portions of 2 and 20 Leikin Drive<br>Nepean ON K2J 0P8                          | EHS |
| <b>Order No:</b> 21041400366<br><b>Status:</b> C<br><b>Report Type:</b> RSC Report - Quote<br><b>Report Date:</b> 20-APR-21<br><b>Date Received:</b> 14-APR-21<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>  |                   | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .3<br><b>X:</b> -75.71122963<br><b>Y:</b> 45.29868765                              |                  |   |     |
| <u>2</u>  | 1 of 1            | E/0.0   | 87.9 / -1.00     | n/a<br>Ottawa ON  | EHS |
| <b>Order No:</b> 20090401014<br><b>Status:</b> C<br><b>Report Type:</b> Custom Report<br><b>Report Date:</b> 4/9/2009<br><b>Date Received:</b> 4/1/2009<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b> lot: 37.7 hectares<br><b>Additional Info Ordered:</b>  |                   | <b>Nearest Intersection:</b> Merivale Road and Leikin Drive<br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> 0.25<br><b>X:</b> -75.710725<br><b>Y:</b> 45.298759 |                  |   |     |
| <u>3</u>  | 1 of 1            | WSW/0.0   | 89.9 / 1.00      | Medusa General Partner Inc. as general partner for and on behalf of Medusa Limited Partnership null<br>ON | ECA |
| <b>Approval No:</b> 0147-C7SRR3<br><b>Approval Date:</b> 2021-10-14<br><b>Status:</b> Issued<br><b>Record Type:</b> PTTW<br><b>Link Source:</b> IDS<br><b>SWP Area Name:</b> Rideau Valley<br><b>Approval Type:</b> PTTW<br><b>Project Type:</b> PTTW<br><b>Business Name:</b> Medusa General Partner Inc. as general partner for and on behalf of Medusa Limited Partnership<br><b>Address:</b><br><b>Full Address:</b><br><b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1200-C4VKPF-36.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1200-C4VKPF-36.pdf</a><br><b>PDF Site Location:</b> Lot part of lot 18 and 19, Concession 1, Geographic Township of Nepean<br>Ottawa |                   | <b>MOE District:</b> Ottawa<br><b>City:</b><br><b>Longitude:</b> 45.29781699<br><b>Latitude:</b> -75.71415534<br><b>Geometry X:</b> -8428461.2179000005<br><b>Geometry Y:</b> 5668529.1639000019      |                  |   |     |
| <u>4</u>  | 1 of 1            | ENE/0.0   | 85.9 / -3.00     | 20 Leikin Drive<br>Nepean ON K2C 3H1  | EHS |
| <b>Order No:</b> 21020500082<br><b>Status:</b> C  |                   | <b>Nearest Intersection:</b><br><b>Municipality:</b>  |                  |   |     |

| Map Key                         | Number of Records   | Direction/ Distance (m) | Elev/Diff (m) | Site                           | DB |
|---------------------------------|---|-------------------------|---------------|--------------------------------|----|
| <b>Report Type:</b>             | Custom Report   |                         |               | <b>Client Prov/State:</b> ON   |    |
| <b>Report Date:</b>             | 10-FEB-21   |                         |               | <b>Search Radius (km):</b> .25 |    |
| <b>Date Received:</b>           | 05-FEB-21   |                         |               | <b>X:</b> -75.70811844         |    |
| <b>Previous Site Name:</b>      |   |                         |               | <b>Y:</b> 45.29992997          |    |
| <b>Lot/Building Size:</b>       |   |                         |               |                                |    |
| <b>Additional Info Ordered:</b> | Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos |                         |               |                                |    |

|                           |   |         |             |   |            |
|---------------------------|---|---------|-------------|---|------------|
| <u>5</u>                  | 1 of 1  | WSW/0.0 | 89.9 / 1.00 | <b>Medusa General Partner Inc. as general partner for and on behalf of Medusa Limited Partnership null ON</b> | <b>ECA</b> |
| <b>Approval No:</b>       | 0147-C7SRR3   |         |             | <b>MOE District:</b> Ottawa   |            |
| <b>Approval Date:</b>     | 2021-10-14  |         |             | <b>City:</b>  |            |
| <b>Status:</b>            | Issued  |         |             | <b>Longitude:</b> 45.29748194   |            |
| <b>Record Type:</b>       | PTTW  |         |             | <b>Latitude:</b> -75.71591119   |            |
| <b>Link Source:</b>       | IDS   |         |             | <b>Geometry X:</b> -8428656.6787999999  |            |
| <b>SWP Area Name:</b>     | Rideau Valley   |         |             | <b>Geometry Y:</b> 5668476.1416999996   |            |
| <b>Approval Type:</b>     | PTTW  |         |             |   |            |
| <b>Project Type:</b>      | PTTW  |         |             |   |            |
| <b>Business Name:</b>     | Medusa General Partner Inc. as general partner for and on behalf of Medusa Limited Partnership  |         |             |   |            |
| <b>Address:</b>           |   |         |             |   |            |
| <b>Full Address:</b>      |   |         |             |   |            |
| <b>Full PDF Link:</b>     | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1200-C4VKPF-36.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1200-C4VKPF-36.pdf</a> |         |             |   |            |
| <b>PDF Site Location:</b> | Lot part of lot 18 and 19, Concession 1, Geographic Township of Nepean Ottawa   |         |             |   |            |

|                            |                 |        |              |                                  |             |
|----------------------------|-----------------|--------|--------------|----------------------------------|-------------|
| <u>6</u>                   | 1 of 1          | NE/0.0 | 84.9 / -4.00 | ON                               | <b>WWIS</b> |
| <b>Well ID:</b>            | 7392025         |        |              | <b>Flowing (Y/N):</b>            |             |
| <b>Construction Date:</b>  |                 |        |              | <b>Flow Rate:</b>                |             |
| <b>Use 1st:</b>            |                 |        |              | <b>Data Entry Status:</b> Yes    |             |
| <b>Use 2nd:</b>            |                 |        |              | <b>Data Src:</b>                 |             |
| <b>Final Well Status:</b>  |                 |        |              | <b>Date Received:</b> 07/12/2021 |             |
| <b>Water Type:</b>         |                 |        |              | <b>Selected Flag:</b> TRUE       |             |
| <b>Casing Material:</b>    |                 |        |              | <b>Abandonment Rec:</b>          |             |
| <b>Audit No:</b>           | C40911          |        |              | <b>Contractor:</b> 7529          |             |
| <b>Tag:</b>                | A306135         |        |              | <b>Form Version:</b> 8           |             |
| <b>Constructn Method:</b>  |                 |        |              | <b>Owner:</b>                    |             |
| <b>Elevation (m):</b>      |                 |        |              | <b>County:</b> OTTAWA-CARLETON   |             |
| <b>Elevatn Reliabilty:</b> |                 |        |              | <b>Lot:</b>                      |             |
| <b>Depth to Bedrock:</b>   |                 |        |              | <b>Concession:</b>               |             |
| <b>Well Depth:</b>         |                 |        |              | <b>Concession Name:</b>          |             |
| <b>Overburden/Bedrock:</b> |                 |        |              | <b>Easting NAD83:</b>            |             |
| <b>Pump Rate:</b>          |                 |        |              | <b>Northing NAD83:</b>           |             |
| <b>Static Water Level:</b> |                 |        |              | <b>Zone:</b>                     |             |
| <b>Clear/Cloudy:</b>       |                 |        |              | <b>UTM Reliability:</b>          |             |
| <b>Municipality:</b>       | NEPEAN TOWNSHIP |        |              |                                  |             |
| <b>Site Info:</b>          |                 |        |              |                                  |             |

**Additional Detail(s) (Map)**

|                           |            |                    |                    |
|---------------------------|------------|--------------------|--------------------|
| <b>Bore Hole ID:</b>      | 1008710071 | <b>Tag No:</b>     | A306135            |
| <b>Depth M:</b>           |            | <b>Contractor:</b> | 7529               |
| <b>Year Completed:</b>    | 2021       | <b>Latitude:</b>   | 45.3021418359194   |
| <b>Well Completed Dt:</b> | 06/08/2021 | <b>Longitude:</b>  | -75.7062504416111  |
| <b>Audit No:</b>          | C40911     | <b>Y:</b>          | 45.302141829125844 |
| <b>Path:</b>              |            | <b>X:</b>          | -75.70625028068453 |

| Map Key                             | Number of Records    | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                    | DB                             |
|-------------------------------------|----------------------|----------------------------|------------------|-------------------------|--------------------------------|
| <b><u>Bore Hole Information</u></b> |                      |                            |                  |                         |                                |
| <b>Bore Hole ID:</b>                | 1008710071           |                            |                  | <b>Elevation:</b>       |                                |
| <b>DP2BR:</b>                       |                      |                            |                  | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |                      |                            |                  | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |                      |                            |                  | <b>East83:</b>          | 444630.00                      |
| <b>Code OB Desc:</b>                |                      |                            |                  | <b>North83:</b>         | 5016758.00                     |
| <b>Open Hole:</b>                   |                      |                            |                  | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |                      |                            |                  | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 06/08/2021           |                            |                  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |                      |                            |                  | <b>Location Method:</b> | wwr                            |
| <b>Location Method Desc:</b>        | on Water Well Record |                            |                  |                         |                                |
| <b>Elevrc Desc:</b>                 |                      |                            |                  |                         |                                |
| <b>Location Source Date:</b>        |                      |                            |                  |                         |                                |
| <b>Improvement Location Source:</b> |                      |                            |                  |                         |                                |
| <b>Improvement Location Method:</b> |                      |                            |                  |                         |                                |
| <b>Source Revision Comment:</b>     |                      |                            |                  |                         |                                |
| <b>Supplier Comment:</b>            |                      |                            |                  |                         |                                |

|                            |   |         |              |                           |                 |
|----------------------------|---|---------|--------------|---------------------------|-----------------|
| <u>7</u>                   | 1 of 1  | NE/19.2 | 84.9 / -4.00 | lot 19 con 1<br>ON        | WWIS            |
| <b>Well ID:</b>            | 1504705   |         |              | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |   |         |              | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            | Domestic  |         |              | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>            | 0   |         |              | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>  | Water Supply  |         |              | <b>Date Received:</b>     | 11/13/1956      |
| <b>Water Type:</b>         |   |         |              | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |   |         |              | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           |   |         |              | <b>Contractor:</b>        | 3113            |
| <b>Tag:</b>                |   |         |              | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>  |   |         |              | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |   |         |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |   |         |              | <b>Lot:</b>               | 019             |
| <b>Depth to Bedrock:</b>   |   |         |              | <b>Concession:</b>        | 01              |
| <b>Well Depth:</b>         |   |         |              | <b>Concession Name:</b>   | RF              |
| <b>Overburden/Bedrock:</b> |   |         |              | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>          |   |         |              | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b> |   |         |              | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>       |   |         |              | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>       | NEPEAN TOWNSHIP   |         |              |                           |                 |
| <b>Site Info:</b>          |   |         |              |                           |                 |
| <b>PDF URL (Map):</b>      | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504705.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504705.pdf</a> |         |              |                           |                 |

**Additional Detail(s) (Map)**

|                             |                    |
|-----------------------------|--------------------|
| <b>Well Completed Date:</b> | 10/10/1956         |
| <b>Year Completed:</b>      | 1956               |
| <b>Depth (m):</b>           | 25.2984            |
| <b>Latitude:</b>            | 45.3026295094379   |
| <b>Longitude:</b>           | -75.7059924636407  |
| <b>X:</b>                   | -75.70599230254552 |
| <b>Y:</b>                   | 45.30262950229157  |
| <b>Path:</b>                | 150\1504705.pdf    |

**Bore Hole Information**

|                        |          |  |  |                   |            |
|------------------------|----------|--|--|-------------------|------------|
| <b>Bore Hole ID:</b>   | 10026748 |  |  | <b>Elevation:</b> |            |
| <b>DP2BR:</b>          |          |  |  | <b>Elevrc:</b>    |            |
| <b>Spatial Status:</b> |          |  |  | <b>Zone:</b>      | 18         |
| <b>Code OB:</b>        |          |  |  | <b>East83:</b>    | 444650.70  |
| <b>Code OB Desc:</b>   |          |  |  | <b>North83:</b>   | 5016812.00 |

| Map Key                             | Number of Records | Direction/<br>Distance (m)                   | Elev/Diff<br>(m) | Site                    | DB          |
|-------------------------------------|-------------------|--|------------------|-------------------------|-------------|
| <b>Open Hole:</b>                   |                   |  |                  | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |                   |  |                  | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 10/10/1956        |  |                  | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |                   |  |                  | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>        |                   | Original Pre1985 UTM Rel Code 9: unknown UTM |                  |                         |             |
| <b>Elevrc Desc:</b>                 |                   |  |                  |                         |             |
| <b>Location Source Date:</b>        |                   |  |                  |                         |             |
| <b>Improvement Location Source:</b> |                   |  |                  |                         |             |
| <b>Improvement Location Method:</b> |                   |  |                  |                         |             |
| <b>Source Revision Comment:</b>     |                   |  |                  |                         |             |
| <b>Supplier Comment:</b>            |                   |  |                  |                         |             |

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

**Formation ID:** 931000221  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 57.0  
**Formation End Depth:** 83.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931000220  
**Layer:** 2  
**Color:**  
**General Color:**  
**Material 1:** 09  
**Material 1 Desc:** MEDIUM SAND  
**Material 2:** 11  
**Material 2 Desc:** GRAVEL  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 48.0  
**Formation End Depth:** 57.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931000219  
**Layer:** 1  
**Color:** 7  
**General Color:** RED  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 48.0  
**Formation End Depth UOM:** ft

| <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> |
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
|----------------|--------------------------|--------------------------------|----------------------|-------------|-----------|

**Method of Construction & Well Use**

**Method Construction ID:** 961504705  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10575318  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930046226  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 52.0  
**Casing Diameter:** 4.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930046227  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 83.0  
**Casing Diameter:** 4.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991504705  
**Pump Set At:**  
**Static Level:** 19.0  
**Final Level After Pumping:** 29.0  
**Recommended Pump Depth:**  
**Pumping Rate:** 3.0  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Water Details**

| Map Key                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------|-------------------|----------------------------|------------------|------|----|
| Water ID:              |                   | 933458012                  |                  |      |    |
| Layer:                 |                   | 1                          |                  |      |    |
| Kind Code:             |                   | 1                          |                  |      |    |
| Kind:                  |                   | FRESH                      |                  |      |    |
| Water Found Depth:     |                   | 83.0                       |                  |      |    |
| Water Found Depth UOM: |                   | ft                         |                  |      |    |

8      1 of 1      NE/19.4      84.9 / -4.00      ON      BORE

|                            |                |                           |                |
|----------------------------|----------------|---------------------------|----------------|
| <b>Borehole ID:</b>        | 612160         | <b>Inclin FLG:</b>        | No             |
| <b>OGF ID:</b>             | 215513469      | <b>SP Status:</b>         | Initial Entry  |
| <b>Status:</b>             |                | <b>Surv Elev:</b>         | No             |
| <b>Type:</b>               | Borehole       | <b>Piezometer:</b>        | No             |
| <b>Use:</b>                |                | <b>Primary Name:</b>      |                |
| <b>Completion Date:</b>    | OCT-1956       | <b>Municipality:</b>      |                |
| <b>Static Water Level:</b> |                | <b>Lot:</b>               |                |
| <b>Primary Water Use:</b>  |                | <b>Township:</b>          |                |
| <b>Sec. Water Use:</b>     |                | <b>Latitude DD:</b>       | 45.302631      |
| <b>Total Depth m:</b>      | 25.3           | <b>Longitude DD:</b>      | -75.705993     |
| <b>Depth Ref:</b>          | Ground Surface | <b>UTM Zone:</b>          | 18             |
| <b>Depth Elev:</b>         |                | <b>Easting:</b>           | 444651         |
| <b>Drill Method:</b>       |                | <b>Northing:</b>          | 5016812        |
| <b>Orig Ground Elev m:</b> | 89.9           | <b>Location Accuracy:</b> |                |
| <b>Elev Reliabil Note:</b> |                | <b>Accuracy:</b>          | Not Applicable |
| <b>DEM Ground Elev m:</b>  | 90.6           |                           |                |
| <b>Concession:</b>         |                |                           |                |
| <b>Location D:</b>         |                |                           |                |
| <b>Survey D:</b>           |                |                           |                |
| <b>Comments:</b>           |                |                           |                |

**Borehole Geology Stratum**

|                                  |              |                            |  |
|----------------------------------|--------------|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390227    | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 0            | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | 14.6         | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           | White        | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Clay         | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               |              | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               |              | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |              | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |              |                            |  |
| <b>Stratum Description:</b>      | CLAY, WHITE. |                            |  |

|                                  |               |                            |  |
|----------------------------------|---------------|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390228     | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 14.6          | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | 17.4          | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           |               | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Sand          | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               | Gravel        | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               |               | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |               | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |               |                            |  |
| <b>Stratum Description:</b>      | SAND, GRAVEL. |                            |  |

|                                  |           |                            |  |
|----------------------------------|-----------|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390229 | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 17.4      | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | 25.3      | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           | Grey      | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Limestone | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               |           | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               |           | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |           | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |           |                            |  |

| Map Key                         | Number of Records  | Direction/<br>Distance (m)  | Elev/Diff<br>(m)   | Site   | DB                            |
|---------------------------------|--|---|--------------------|--|-------------------------------|
| <b>Stratum Description:</b>     |  | LIMESTONE. GREY. 00083SMIC VELOCITY = 3800. BEDROCK. SEISMIC VELOCITY = 16000. BEDROCK. |                    |  |                               |
| <b>Source</b>                   |  |   |                    |  |                               |
| <b>Source Type:</b>             | Data Survey  |   |                    | <b>Source Appl:</b>  | Spatial/Tabular               |
| <b>Source Orig:</b>             | Geological Survey of Canada  |   |                    | <b>Source Iden:</b>  | 1                             |
| <b>Source Date:</b>             | 1956-1972  |   |                    | <b>Scale or Res:</b>   | Varies                        |
| <b>Confidence:</b>              |  |   |                    | <b>Horizontal:</b>   | NAD27                         |
| <b>Observatio:</b>              |  |   |                    | <b>Verticalda:</b>   | Mean Average Sea Level        |
| <b>Source Name:</b>             | Urban Geology Automated Information System (UGAIS)   |   |                    |  |                               |
| <b>Source Details:</b>          | File: OTTAWA1.txt RecordID: 04668 NTS_Sheet:   |   |                    |  |                               |
| <b>Confiden 1:</b>              |  |   |                    |  |                               |
| <b>Source List</b>              |  |   |                    |  |                               |
| <b>Source Identifier:</b>       | 1  |   |                    | <b>Horizontal Datum:</b>   | NAD27                         |
| <b>Source Type:</b>             | Data Survey  |   |                    | <b>Vertical Datum:</b>   | Mean Average Sea Level        |
| <b>Source Date:</b>             | 1956-1972  |   |                    | <b>Projection Name:</b>  | Universal Transverse Mercator |
| <b>Scale or Resolution:</b>     | Varies   |   |                    |  |                               |
| <b>Source Name:</b>             | Urban Geology Automated Information System (UGAIS)   |   |                    |  |                               |
| <b>Source Originators:</b>      | Geological Survey of Canada  |   |                    |  |                               |
| <b>9</b>                        | 1 of 1   | <b>SSW/38.0</b>   | <b>90.6 / 1.70</b> | <b>96 Bill Leathem Drive<br/>Nepean ON K2J 0P8</b>                           | <b>EHS</b>                    |
| <b>Order No:</b>                | 23042400842  |   |                    | <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-APR-23  |   |                    | <b>Search Radius (km):</b>   | .25                           |
| <b>Date Received:</b>           | 24-APR-23  |   |                    | <b>X:</b>  | -75.71222                     |
| <b>Previous Site Name:</b>      |  |   |                    | <b>Y:</b>  | 45.2947599                    |
| <b>Lot/Building Size:</b>       |  |   |                    |  |                               |
| <b>Additional Info Ordered:</b> |  |   |                    |  |                               |
| <b>10</b>                       | 1 of 20  | <b>S/42.4</b>   | <b>90.9 / 2.00</b> | <b>JDS Uniphase Corporation<br/>61 Bill Leathem Dr<br/>Ottawa ON K2J 0P7</b> | <b>SCT</b>                    |
| <b>Established:</b>             | 8/1/1981   |   |                    |  |                               |
| <b>Plant Size (ft²):</b>        |  |   |                    |  |                               |
| <b>Employment:</b>              |  |   |                    |  |                               |
| <b>--Details--</b>              |  |   |                    |  |                               |
| <b>Description:</b>             | Measuring, Medical and Controlling Devices Manufacturing   |   |                    |  |                               |
| <b>SIC/NAICS Code:</b>          | 334512   |   |                    |  |                               |
| <b>Description:</b>             | Commercial and Service Industry Machinery Manufacturing  |   |                    |  |                               |
| <b>SIC/NAICS Code:</b>          | 333310   |   |                    |  |                               |
| <b>10</b>                       | 2 of 20  | <b>S/42.4</b>   | <b>90.9 / 2.00</b> | <b>JDS Uniphase Inc.<br/>61 Bill Leathem Drive<br/>Nepean ON K2J 0P7</b>     | <b>GEN</b>                    |
| <b>Generator No:</b>            | ON4267608  |   |                    |  |                               |
| <b>SIC Code:</b>                | 541710 541510 541380   |   |                    |  |                               |
| <b>SIC Description:</b>         | Research and Development in the Physical Engineering and Life Sciences, Computer Systems Design and Related Services, Testing Laboratories |   |                    |  |                               |
| <b>Approval Years:</b>          | 07,08  |   |                    |  |                               |
| <b>PO Box No:</b>               |  |   |                    |  |                               |

| Map Key  | Number of Records | Direction/<br>Distance (m)                               | Elev/Diff<br>(m) | Site  | DB  |
|--|-------------------|--|------------------|---|-----|
| <b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   |  |                  |   |     |
| <b><u>Detail(s)</u></b>  |                   |  |                  |   |     |
| <b>Waste Class:</b>  |                   | 148  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | INORGANIC LABORATORY CHEMICALS                           |                  |   |     |
| <b>Waste Class:</b>  |                   | 112  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | ACID WASTE - HEAVY METALS                                |                  |   |     |
| <b>Waste Class:</b>  |                   | 262  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | DETERGENTS/SOAPS   |                  |   |     |
| <b>Waste Class:</b>  |                   | 263  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | ORGANIC LABORATORY CHEMICALS                             |                  |   |     |
| <b>Waste Class:</b>  |                   | 267  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | ORGANIC ACIDS  |                  |   |     |
| <b>Waste Class:</b>  |                   | 268  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | AMINES   |                  |   |     |
| <b>Waste Class:</b>  |                   | 331  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | WASTE COMPRESSED GASES                                   |                  |   |     |
| <b>Waste Class:</b>  |                   | 121  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | ALKALINE WASTES - HEAVY METALS                           |                  |   |     |
| <b>Waste Class:</b>  |                   | 146  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | OTHER SPECIFIED INORGANICS                               |                  |   |     |
| <b>Waste Class:</b>  |                   | 212  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | ALIPHATIC SOLVENTS                                       |                  |   |     |
| <b>Waste Class:</b>  |                   | 252  |                  |   |     |
| <b>Waste Class Name:</b>   |                   | WASTE OILS & LUBRICANTS                                  |                  |   |     |
| <a href="#"><u>10</u></a>  | 3 of 20           | S/42.4   | 90.9 / 2.00      | JDS Uniphase Corporation<br>61 Bill Leatham Dr<br>Nepean ON K2J 0P7 | SCT |
| <b>Established:</b>  |                   | 01-JUN-81  |                  |   |     |
| <b>Plant Size (ft²):</b>   |                   |  |                  |   |     |
| <b>Employment:</b>   |                   |  |                  |   |     |
| <b>--Details--</b>   |                   |  |                  |   |     |
| <b>Description:</b>  |                   | Measuring, Medical and Controlling Devices Manufacturing |                  |   |     |
| <b>SIC/NAICS Code:</b>   |                   | 334512   |                  |   |     |
| <b>Description:</b>  |                   | Commercial and Service Industry Machinery Manufacturing  |                  |   |     |
| <b>SIC/NAICS Code:</b>   |                   | 333310   |                  |   |     |
| <a href="#"><u>10</u></a>  | 4 of 20           | S/42.4   | 90.9 / 2.00      | JDS Uniphase Inc.<br>61 Bill Leatham Drive<br>Nepean ON K2J 0P7     | GEN |



| <i>Map Key</i>   | <i>Number of Records</i> | <i>Direction/ Distance (m)</i>  | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |  |
|--|--------------------------|---|----------------------|-------------|-----------|--|
| <b>Generator No:</b><br><b>SIC Code:</b><br><b>SIC Description:</b><br><b>Approval Years:</b><br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                          | ON4267608<br>541710, 541510, 541380<br>Research and Development in the Physical Engineering and Life Sciences, Computer Systems Design and Related Services, Testing Laboratories<br>2009 |                      |             |           |  |
| <b><u>Detail(s)</u></b>  |                          |   |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 112   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | ACID WASTE - HEAVY METALS   |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 121   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | ALKALINE WASTES - HEAVY METALS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 146   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | OTHER SPECIFIED INORGANICS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 148   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | INORGANIC LABORATORY CHEMICALS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 212   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | ALIPHATIC SOLVENTS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 252   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | WASTE OILS & LUBRICANTS   |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 262   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | DETERGENTS/SOAPS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 263   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | ORGANIC LABORATORY CHEMICALS  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 267   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | ORGANIC ACIDS   |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 268   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | AMINES  |                      |             |           |  |
| <b>Waste Class:</b>  |                          | 331   |                      |             |           |  |
| <b>Waste Class Name:</b>   |                          | WASTE COMPRESSED GASES  |                      |             |           |  |

[10](#)

5 of 20

S/42.4

90.9 / 2.00

Lumentum Ottawa Inc.  
 61 BILL LEATHEM DRIVE  
 OTTAWA ON K2J 0P7

EASR

**Approval No:** R-003-6325612993  
**Status:** REGISTERED  
**Date:** 2013-04-16  
**Record Type:** EASR  
**Link Source:** MOFA  
**Project Type:** Heating System  
**Full Address:**  
**Approval Type:** EASR-Heating System  
**SWP Area Name:**  
**PDF NAICS Code:**  
**PDF URL:**

**MOE District:**  
**Municipality:** OTTAWA  
**Latitude:**  
**Longitude:**  
**Geometry X:**  
**Geometry Y:**

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

PDF Site Location:

|                    |         |        |             |   |     |
|--------------------|---------|--------|-------------|---|-----|
| <a href="#">10</a> | 6 of 20 | S/42.4 | 90.9 / 2.00 | JDS Uniphase Inc.<br>61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | GEN |
|--------------------|---------|--------|-------------|---|-----|

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** Research and Development in the Physical Engineering and Life Sciences, Computer Systems Design and Related Services, Testing Laboratories  
**Approval Years:** 2010  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS  
  
**Waste Class:** 262  
**Waste Class Name:** DETERGENTS/SOAPS  
  
**Waste Class:** 112  
**Waste Class Name:** ACID WASTE - HEAVY METALS  
  
**Waste Class:** 146  
**Waste Class Name:** OTHER SPECIFIED INORGANICS  
  
**Waste Class:** 268  
**Waste Class Name:** AMINES  
  
**Waste Class:** 263  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 267  
**Waste Class Name:** ORGANIC ACIDS  
  
**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS  
  
**Waste Class:** 148  
**Waste Class Name:** INORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES  
  
**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

|                    |         |        |             |   |     |
|--------------------|---------|--------|-------------|---|-----|
| <a href="#">10</a> | 7 of 20 | S/42.4 | 90.9 / 2.00 | JDS Uniphase Inc.<br>61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | GEN |
|--------------------|---------|--------|-------------|---|-----|

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** Research and Development in the Physical Engineering and Life Sciences, Computer Systems Design and

| <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> |
|-------------------------------|--------------------------|--|--------------------------|-------------|-----------|
|                               |                          | Related Services, Testing Laboratories |                          |             |           |
| <b>Approval Years:</b>        |                          | 2011                                   |                          |             |           |
| <b>PO Box No:</b>             |                          |  |                          |             |           |
| <b>Country:</b>               |                          |  |                          |             |           |
| <b>Status:</b>                |                          |  |                          |             |           |
| <b>Co Admin:</b>              |                          |  |                          |             |           |
| <b>Choice of Contact:</b>     |                          |  |                          |             |           |
| <b>Phone No Admin:</b>        |                          |  |                          |             |           |
| <b>Contaminated Facility:</b> |                          |  |                          |             |           |
| <b>MHSW Facility:</b>         |                          |  |                          |             |           |
| <b><u>Detail(s)</u></b>       |                          |  |                          |             |           |
| <b>Waste Class:</b>           |                          | 148                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | INORGANIC LABORATORY CHEMICALS         |                          |             |           |
| <b>Waste Class:</b>           |                          | 212                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | ALIPHATIC SOLVENTS                     |                          |             |           |
| <b>Waste Class:</b>           |                          | 263                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | ORGANIC LABORATORY CHEMICALS           |                          |             |           |
| <b>Waste Class:</b>           |                          | 267                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | ORGANIC ACIDS                          |                          |             |           |
| <b>Waste Class:</b>           |                          | 252                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | WASTE OILS & LUBRICANTS                |                          |             |           |
| <b>Waste Class:</b>           |                          | 146                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | OTHER SPECIFIED INORGANICS             |                          |             |           |
| <b>Waste Class:</b>           |                          | 268                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | AMINES                                 |                          |             |           |
| <b>Waste Class:</b>           |                          | 262                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | DETERGENTS/SOAPS                       |                          |             |           |
| <b>Waste Class:</b>           |                          | 121                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | ALKALINE WASTES - HEAVY METALS         |                          |             |           |
| <b>Waste Class:</b>           |                          | 112                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | ACID WASTE - HEAVY METALS              |                          |             |           |
| <b>Waste Class:</b>           |                          | 331                                    |                          |             |           |
| <b>Waste Class Name:</b>      |                          | WASTE COMPRESSED GASES                 |                          |             |           |

|                  |                |               |                    |   |             |
|------------------|----------------|---------------|--------------------|---|-------------|
| <b><u>10</u></b> | <b>8 of 20</b> | <b>S/42.4</b> | <b>90.9 / 2.00</b> | <b>Lumentum Ottawa Inc.<br/>61 BILL LEATHEM DRIVE<br/>OTTAWA ON K2J 0P7</b> | <b>EASR</b> |
|------------------|----------------|---------------|--------------------|---|-------------|

|                           |                           |                      |        |
|---------------------------|---------------------------|----------------------|--------|
| <b>Approval No:</b>       | R-002-3388758525          | <b>MOE District:</b> |        |
| <b>Status:</b>            | REGISTERED                | <b>Municipality:</b> | OTTAWA |
| <b>Date:</b>              | 2013-11-21                | <b>Latitude:</b>     |        |
| <b>Record Type:</b>       | EASR                      | <b>Longitude:</b>    |        |
| <b>Link Source:</b>       | MOFA                      | <b>Geometry X:</b>   |        |
| <b>Project Type:</b>      | Standby Power System      | <b>Geometry Y:</b>   |        |
| <b>Full Address:</b>      |                           |                      |        |
| <b>Approval Type:</b>     | EASR-Standby Power System |                      |        |
| <b>SWP Area Name:</b>     |                           |                      |        |
| <b>PDF NAICS Code:</b>    |                           |                      |        |
| <b>PDF URL:</b>           |                           |                      |        |
| <b>PDF Site Location:</b> |                           |                      |        |

| Map Key            | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site  | DB  |
|--------------------|-------------------|-------------------------|---------------|---|-----|
| <a href="#">10</a> | 9 of 20           | S/42.4                  | 90.9 / 2.00   | JDS Uniphase Inc.<br>61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | GEN |

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** Research and Development in the Physical Engineering and Life Sciences, Computer Systems Design and Related Services, Testing Laboratories  
**Approval Years:** 2012  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 268  
**Waste Class Name:** AMINES  
  
**Waste Class:** 148  
**Waste Class Name:** INORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 263  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 146  
**Waste Class Name:** OTHER SPECIFIED INORGANICS  
  
**Waste Class:** 267  
**Waste Class Name:** ORGANIC ACIDS  
  
**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS  
  
**Waste Class:** 112  
**Waste Class Name:** ACID WASTE - HEAVY METALS  
  
**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS  
  
**Waste Class:** 262  
**Waste Class Name:** DETERGENTS/SOAPS  
  
**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES  
  
**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

|                       |             |                      |             |   |     |
|-----------------------|-------------|----------------------|-------------|---|-----|
| <a href="#">10</a>    | 10 of 20    | S/42.4               | 90.9 / 2.00 | JDS Uniphase Inc.<br>61 Bill Leatham Drive<br>OTTAWA ON K2J 0P7 | ECA |
| <b>Approval No:</b>   | 8200-9DTU4Y | <b>MOE District:</b> |             |   |     |
| <b>Approval Date:</b> | 13-DEC-13   | <b>City:</b>         | OTTAWA      |   |     |
| <b>Status:</b>        | Approved    | <b>Longitude:</b>    |             |   |     |
| <b>Record Type:</b>   |             | <b>Latitude:</b>     |             |   |     |
| <b>Link Source:</b>   |             | <b>Geometry X:</b>   |             |   |     |
| <b>SWP Area Name:</b> |             | <b>Geometry Y:</b>   |             |   |     |

| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| <b>Approval Type:</b><br><b>Project Type:</b> Air/Noise<br><b>Business Name:</b> JDS Uniphase Inc.<br><b>Address:</b><br><b>Full Address:</b> 61 Bill Leathem Drive Ottawa K2J 0P7<br><b>Full PDF Link:</b><br><b>PDF Site Location:</b> |                   |                            |                  |      |    |

|                    |          |        |             |   |     |
|--------------------|----------|--------|-------------|---|-----|
| <a href="#">10</a> | 11 of 20 | S/42.4 | 90.9 / 2.00 | JDS Uniphase Inc.<br>61 Bill Leathem Drive<br>Nepean ON | GEN |
|--------------------|----------|--------|-------------|---|-----|

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES, COMPUTER SYSTEMS DESIGN AND RELATED SERVICES, TESTING LABORATORIES  
**Approval Years:** 2013  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 262  
**Waste Class Name:** DETERGENTS/SOAPS  
  
**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS  
  
**Waste Class:** 268  
**Waste Class Name:** AMINES  
  
**Waste Class:** 146  
**Waste Class Name:** OTHER SPECIFIED INORGANICS  
  
**Waste Class:** 267  
**Waste Class Name:** ORGANIC ACIDS  
  
**Waste Class:** 263  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES  
  
**Waste Class:** 148  
**Waste Class Name:** INORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS  
  
**Waste Class:** 122  
**Waste Class Name:** ALKALINE WASTES - OTHER METALS  
  
**Waste Class:** 112  
**Waste Class Name:** ACID WASTE - HEAVY METALS  
  
**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

| Map Key                         | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB         |
|---------------------------------|---|----------------------------|------------------|--|------------|
| <a href="#">10</a>              | 12 of 20  | S/42.4                     | 90.9 / 2.00      | 61 Bill Leathem Dr<br>Ottawa ON K2J0P7                             | EHS        |
| <b>Order No:</b>                | 20160914018   |                            |                  | <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>             | 19-SEP-16   |                            |                  | <b>Search Radius (km):</b>   | .25        |
| <b>Date Received:</b>           | 14-SEP-16   |                            |                  | <b>X:</b>  | -75.710897 |
| <b>Previous Site Name:</b>      |   |                            |                  | <b>Y:</b>  | 45.296113  |
| <b>Lot/Building Size:</b>       |   |                            |                  |  |            |
| <b>Additional Info Ordered:</b> |   |                            |                  |  |            |
| <a href="#">10</a>              | 13 of 20  | S/42.4                     | 90.9 / 2.00      | JDS Uniphase Inc.<br>61 Bill Leathem Dr<br>Ottawa ON K2J 0P7       | ECA        |
| <b>Approval No:</b>             | 8200-9DTU4Y   |                            |                  | <b>MOE District:</b>   |            |
| <b>Approval Date:</b>           | 2013-12-13  |                            |                  | <b>City:</b>   |            |
| <b>Status:</b>                  | Approved  |                            |                  | <b>Longitude:</b>  |            |
| <b>Record Type:</b>             | ECA   |                            |                  | <b>Latitude:</b>   |            |
| <b>Link Source:</b>             | IDS   |                            |                  | <b>Geometry X:</b>   |            |
| <b>SWP Area Name:</b>           |   |                            |                  | <b>Geometry Y:</b>   |            |
| <b>Approval Type:</b>           | ECA-AIR   |                            |                  |  |            |
| <b>Project Type:</b>            | AIR   |                            |                  |  |            |
| <b>Business Name:</b>           | JDS Uniphase Inc.   |                            |                  |  |            |
| <b>Address:</b>                 | 61 Bill Leathem Dr  |                            |                  |  |            |
| <b>Full Address:</b>            |   |                            |                  |  |            |
| <b>Full PDF Link:</b>           | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2549-8FFSEY-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2549-8FFSEY-14.pdf</a> |                            |                  |  |            |
| <b>PDF Site Location:</b>       |   |                            |                  |  |            |
| <a href="#">10</a>              | 14 of 20  | S/42.4                     | 90.9 / 2.00      | Lumentum Ottawa Inc.<br>61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | GEN        |
| <b>Generator No:</b>            | ON4267608   |                            |                  |  |            |
| <b>SIC Code:</b>                | 541710, 541510, 541380  |                            |                  |  |            |
| <b>SIC Description:</b>         | RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES, COMPUTER SYSTEMS DESIGN AND RELATED SERVICES, TESTING LABORATORIES                         |                            |                  |  |            |
| <b>Approval Years:</b>          | 2016  |                            |                  |  |            |
| <b>PO Box No:</b>               |   |                            |                  |  |            |
| <b>Country:</b>                 | Canada  |                            |                  |  |            |
| <b>Status:</b>                  |   |                            |                  |  |            |
| <b>Co Admin:</b>                | Michael T Lane  |                            |                  |  |            |
| <b>Choice of Contact:</b>       | CO_OFFICIAL   |                            |                  |  |            |
| <b>Phone No Admin:</b>          | 408-750-1880 Ext.   |                            |                  |  |            |
| <b>Contaminated Facility:</b>   | No  |                            |                  |  |            |
| <b>MHSW Facility:</b>           | No  |                            |                  |  |            |
| <b>Detail(s)</b>                |   |                            |                  |  |            |
| <b>Waste Class:</b>             | 146   |                            |                  |  |            |
| <b>Waste Class Name:</b>        | OTHER SPECIFIED INORGANICS  |                            |                  |  |            |
| <b>Waste Class:</b>             | 331   |                            |                  |  |            |
| <b>Waste Class Name:</b>        | WASTE COMPRESSED GASES  |                            |                  |  |            |
| <b>Waste Class:</b>             | 122   |                            |                  |  |            |
| <b>Waste Class Name:</b>        | ALKALINE WASTES - OTHER METALS  |                            |                  |  |            |
| <b>Waste Class:</b>             | 148   |                            |                  |  |            |

| <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>Waste Class Name:</b> |                          | INORGANIC LABORATORY CHEMICALS     |                          |             |           |
| <b>Waste Class:</b>      |                          | 252                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | WASTE OILS & LUBRICANTS            |                          |             |           |
| <b>Waste Class:</b>      |                          | 262                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | DETERGENTS/SOAPS                   |                          |             |           |
| <b>Waste Class:</b>      |                          | 267                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | ORGANIC ACIDS                      |                          |             |           |
| <b>Waste Class:</b>      |                          | 121                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | ALKALINE WASTES - HEAVY METALS     |                          |             |           |
| <b>Waste Class:</b>      |                          | 263                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | ORGANIC LABORATORY CHEMICALS       |                          |             |           |
| <b>Waste Class:</b>      |                          | 212                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | ALIPHATIC SOLVENTS                 |                          |             |           |
| <b>Waste Class:</b>      |                          | 268                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | AMINES                             |                          |             |           |
| <b>Waste Class:</b>      |                          | 112                                |                          |             |           |
| <b>Waste Class Name:</b> |                          | ACID WASTE - HEAVY METALS          |                          |             |           |

|                           |          |               |                    |   |            |
|---------------------------|----------|---------------|--------------------|---|------------|
| <a href="#"><u>10</u></a> | 15 of 20 | <b>S/42.4</b> | <b>90.9 / 2.00</b> | <b>Lumentum Ottawa Inc.<br/>61 Bill Leatham Drive<br/>Nepean ON K2J 0P7</b> | <b>GEN</b> |
|---------------------------|----------|---------------|--------------------|---|------------|

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES, COMPUTER SYSTEMS DESIGN AND RELATED SERVICES, TESTING LABORATORIES  
**Approval Years:** 2015  
**PO Box No:**  
**Country:** Canada  
**Status:**  
**Co Admin:** Michael T Lane  
**Choice of Contact:** CO\_OFFICIAL  
**Phone No Admin:** 408-750-1880 Ext.  
**Contaminated Facility:** No  
**MHSW Facility:** No

**Detail(s)**

**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES  
  
**Waste Class:** 122  
**Waste Class Name:** ALKALINE WASTES - OTHER METALS  
  
**Waste Class:** 146  
**Waste Class Name:** OTHER SPECIFIED INORGANICS  
  
**Waste Class:** 148  
**Waste Class Name:** INORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 263  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

| <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>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 121<br>ALKALINE WASTES - HEAVY METALS |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 112<br>ACID WASTE - HEAVY METALS      |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 268<br>AMINES                         |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 267<br>ORGANIC ACIDS                  |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 212<br>ALIPHATIC SOLVENTS             |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 262<br>DETERGENTS/SOAPS               |                          |             |           |

**10**      16 of 20      **S/42.4**      **90.9 / 2.00**      **JDS Uniphase Inc.  
61 Bill Leatham Drive  
Nepean ON K2J 0P7**      **GEN**

**Generator No:** ON4267608  
**SIC Code:** 541710, 541510, 541380  
**SIC Description:** RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING AND LIFE SCIENCES, COMPUTER SYSTEMS DESIGN AND RELATED SERVICES, TESTING LABORATORIES  
**Approval Years:** 2014  
**PO Box No:**  
**Country:** Canada  
**Status:**  
**Co Admin:** Michael T Lane  
**Choice of Contact:** CO\_ADMIN  
**Phone No Admin:** 408-750-1880 Ext.  
**Contaminated Facility:** No  
**MHSW Facility:** No

**Detail(s)**

**Waste Class:** 262  
**Waste Class Name:** DETERGENTS/SOAPS

**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

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

**Waste Class:** 112  
**Waste Class Name:** ACID WASTE - HEAVY METALS

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

**Waste Class:** 268  
**Waste Class Name:** AMINES

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

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES



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

Waste Class: 263  
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 267  
Waste Class Name: ORGANIC ACIDS

Waste Class: 212  
Waste Class Name: ALIPHATIC SOLVENTS

|           |          |        |             |  |     |
|-----------|----------|--------|-------------|--|-----|
| <u>10</u> | 17 of 20 | S/42.4 | 90.9 / 2.00 | Lumentum Ottawa Inc.<br>61 Bill Leatham Drive<br>Nepean ON K2J 0P7 | GEN |
|-----------|----------|--------|-------------|--|-----|

Generator No: ON4267608  
SIC Code:  
SIC Description:  
Approval Years: As of Dec 2018  
PO Box No:  
Country: Canada  
Status: Registered  
Co Admin:  
Choice of Contact:  
Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Detail(s)

Waste Class: 112 C  
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 112 L  
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 121 C  
Waste Class Name: Alkaline slutions - containing heavy metals

Waste Class: 122 C  
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 145 I  
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 146 T  
Waste Class Name: Other specified inorganic sludges, slurries or solids

Waste Class: 148 B  
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 148 I  
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 212 I  
Waste Class Name: Aliphatic solvents and residues

Waste Class: 212 L  
Waste Class Name: Aliphatic solvents and residues

Waste Class: 252 L  
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 262 L  
Waste Class Name: Detergents and soaps

| Map Key                  | Number of Records | Direction/<br>Distance (m)    | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|-------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 263 B                         |                  |      |    |
| <b>Waste Class Name:</b> |                   | Misc. waste organic chemicals |                  |      |    |
| <b>Waste Class:</b>      |                   | 263 I                         |                  |      |    |
| <b>Waste Class Name:</b> |                   | Misc. waste organic chemicals |                  |      |    |
| <b>Waste Class:</b>      |                   | 263 L                         |                  |      |    |
| <b>Waste Class Name:</b> |                   | Misc. waste organic chemicals |                  |      |    |
| <b>Waste Class:</b>      |                   | 267 C                         |                  |      |    |
| <b>Waste Class Name:</b> |                   | Organic acids                 |                  |      |    |

|                    |          |               |                    |   |            |
|--------------------|----------|---------------|--------------------|---|------------|
| <a href="#">10</a> | 18 of 20 | <b>S/42.4</b> | <b>90.9 / 2.00</b> | <b>Lumentum Ottawa Inc.<br/>61 Bill Leathem Drive<br/>Nepean ON K2J 0P7</b> | <b>GEN</b> |
|--------------------|----------|---------------|--------------------|---|------------|

**Generator No:** ON4267608  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Jul 2020  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 263 B  
**Waste Class Name:** Misc. waste organic chemicals

**Waste Class:** 148 B  
**Waste Class Name:** Misc. wastes and inorganic chemicals

**Waste Class:** 267 C  
**Waste Class Name:** Organic acids

**Waste Class:** 112 C  
**Waste Class Name:** Acid solutions - containing heavy metals

**Waste Class:** 146 T  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids

**Waste Class:** 263 L  
**Waste Class Name:** Misc. waste organic chemicals

**Waste Class:** 212 I  
**Waste Class Name:** Aliphatic solvents and residues

**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals

**Waste Class:** 122 C  
**Waste Class Name:** Alkaline slutions - containing other metals and non-metals (not cyanide)

**Waste Class:** 145 I  
**Waste Class Name:** Wastes from the use of pigments, coatings and paints

**Waste Class:** 262 L  
**Waste Class Name:** Detergents and soaps

| Map Key                  | Number of Records | Direction/<br>Distance (m)               | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--|------------------|------|----|
| <b>Waste Class:</b>      |                   | 112 L                                    |                  |      |    |
| <b>Waste Class Name:</b> |                   | Acid solutions - containing heavy metals |                  |      |    |
| <b>Waste Class:</b>      |                   | 148 I                                    |                  |      |    |
| <b>Waste Class Name:</b> |                   | Misc. wastes and inorganic chemicals     |                  |      |    |
| <b>Waste Class:</b>      |                   | 263 I                                    |                  |      |    |
| <b>Waste Class Name:</b> |                   | Misc. waste organic chemicals            |                  |      |    |
| <b>Waste Class:</b>      |                   | 212 L                                    |                  |      |    |
| <b>Waste Class Name:</b> |                   | Aliphatic solvents and residues          |                  |      |    |
| <b>Waste Class:</b>      |                   | 252 L                                    |                  |      |    |
| <b>Waste Class Name:</b> |                   | Waste crankcase oils and lubricants      |                  |      |    |

|                    |          |        |             |  |     |
|--------------------|----------|--------|-------------|--|-----|
| <a href="#">10</a> | 19 of 20 | S/42.4 | 90.9 / 2.00 | Lumentum Ottawa Inc.<br>61 Bill Leathem Drive<br>Nepean ON K2J 0P7 | GEN |
|--------------------|----------|--------|-------------|--|-----|

**Generator No:** ON4267608  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Nov 2021  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 122 C  
**Waste Class Name:** Alkaline slutions - containing other metals and non-metals (not cyanide)

**Waste Class:** 252 L  
**Waste Class Name:** Waste crankcase oils and lubricants

**Waste Class:** 112 C  
**Waste Class Name:** Acid solutions - containing heavy metals

**Waste Class:** 262 L  
**Waste Class Name:** Detergents and soaps

**Waste Class:** 213 I  
**Waste Class Name:** Petroleum distillates

**Waste Class:** 267 C  
**Waste Class Name:** Organic acids

**Waste Class:** 263 B  
**Waste Class Name:** Misc. waste organic chemicals

**Waste Class:** 331 I  
**Waste Class Name:** Waste compressed gases including cylinders

**Waste Class:** 148 B  
**Waste Class Name:** Misc. wastes and inorganic chemicals

**Waste Class:** 263 I  
**Waste Class Name:** Misc. waste organic chemicals

| <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>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 263 L<br>Misc. waste organic chemicals                         |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 148 I<br>Misc. wastes and inorganic chemicals                  |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 121 C<br>Alkaline slutions - containing heavy metals           |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 146 T<br>Other specified inorganic sludges, slurries or solids |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 212 L<br>Aliphatic solvents and residues                       |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 145 I<br>Wastes from the use of pigments, coatings and paints  |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 112 L<br>Acid solutions - containing heavy metals              |                          |             |           |
| <b>Waste Class:</b><br><b>Waste Class Name:</b> |                          | 212 I<br>Aliphatic solvents and residues                       |                          |             |           |

|                    |          |               |                    |   |            |
|--------------------|----------|---------------|--------------------|---|------------|
| <a href="#">10</a> | 20 of 20 | <b>S/42.4</b> | <b>90.9 / 2.00</b> | <b>Lumentum Ottawa Inc.<br/>61 Bill Leatham Drive<br/>Nepean ON K2J 0P7</b> | <b>GEN</b> |
|--------------------|----------|---------------|--------------------|---|------------|

**Generator No:** ON4267608  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Oct 2022  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 263 B  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 263 L  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 331 I  
**Waste Class Name:** WASTE COMPRESSED GASES  
  
**Waste Class:** 145 I  
**Waste Class Name:** PAINT/PIGMENT/COATING RESIDUES  
  
**Waste Class:** 252 L  
**Waste Class Name:** WASTE OILS & LUBRICANTS  
  
**Waste Class:** 263 I  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 148 B  
**Waste Class Name:** INORGANIC LABORATORY CHEMICALS

| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 148 I                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | INORGANIC LABORATORY CHEMICALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 146 T                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | OTHER SPECIFIED INORGANICS     |                  |      |    |
| <b>Waste Class:</b>      |                   | 122 C                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALKALINE WASTES - OTHER METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 212 L                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>      |                   | 213 I                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | PETROLEUM DISTILLATES          |                  |      |    |
| <b>Waste Class:</b>      |                   | 112 C                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ACID WASTE - HEAVY METALS      |                  |      |    |
| <b>Waste Class:</b>      |                   | 121 C                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALKALINE WASTES - HEAVY METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 262 L                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | DETERGENTS/SOAPS               |                  |      |    |
| <b>Waste Class:</b>      |                   | 267 C                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ORGANIC ACIDS                  |                  |      |    |
| <b>Waste Class:</b>      |                   | 212 I                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>      |                   | 112 L                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ACID WASTE - HEAVY METALS      |                  |      |    |

[11](#) 1 of 1 **SSW/44.5** 91.9 / 3.03 **Enbridge - South Merivale Op Centre Private Nepean ON K2J 0R3** **CNG**

|                                    |   |                            |            |
|------------------------------------|---|----------------------------|------------|
| <b>ID:</b>                         | 117805  | <b>Ev Pricing French:</b>  |            |
| <b>CNG Dispenser No:</b>           |   | <b>Ev OnSite Renw Src:</b> |            |
| <b>Date Last Confirme:</b>         | 2022-11-09  | <b>LNG OnSite Renw Sr:</b> |            |
| <b>Fuel Type Code:</b>             | CNG   | <b>LPG Nozzle Types:</b>   |            |
| <b>Fuel Type Desc:</b>             | Compressed Natural Gas  | <b>CNG Fill Type Code:</b> | T          |
| <b>Hydrogen Is Retail:</b>         |   | <b>CNG Fill Type Desc:</b> | Timed-fill |
| <b>Hydrogen Stat Link:</b>         |   | <b>CNG PSI:</b>            | 3600       |
| <b>LPG Primary:</b>                |   | <b>CNG OnSite Renw Sr:</b> | NONE       |
| <b>Ng Fill Type Code:</b>          | T   | <b>CNG Tot Cmpres Cap:</b> |            |
| <b>Ng Fill Type Desc:</b>          | Timed-fill  | <b>CNG Stor Capacity:</b>  |            |
| <b>Owner Type Cd:</b>              | T   | <b>E85 Oth ETOH Blind:</b> |            |
| <b>Owner Type Cd Desc:</b>         | Utility owned   | <b>Hydrogen Pressures:</b> |            |
| <b>Updated At:</b>                 | 2023-12-27 21:10:43 UTC   | <b>Hydrogen Standards:</b> |            |
| <b>Open Date:</b>                  | 2019-02-01  | <b>Restricted Access:</b>  |            |
| <b>NG PSI:</b>                     | 3600  | <b>Latitude:</b>           | 45.294844  |
| <b>Facility Type:</b>              | UTILITY   | <b>Longitude:</b>          | -75.713063 |
| <b>Ev Pricing:</b>                 |   |                            |            |
| <b>Intersection Dir:</b>           |   |                            |            |
| <b>Intersection Dir French:</b>    |   |                            |            |
| <b>Status Code:</b>                | E   |                            |            |
| <b>Status Code Desc:</b>           | Open: The station is open.  |                            |            |
| <b>Geocode Status:</b>             | 200-9   |                            |            |
| <b>Geocode Status Desc:</b>        | Premise (building name, property name, shopping center, etc.) level accuracy. |                            |            |
| <b>Maximum Vehicle Class:</b>      | MD  |                            |            |
| <b>Maximum Vehicle Class Desc:</b> | Station can accommodate light- and medium-duty vehicles (Classes 1-5).        |                            |            |
| <b>CNG Vehicle Class:</b>          | MD  |                            |            |
| <b>CNG Vehicle Class Desc:</b>     | Station can accommodate light- and medium-duty vehicles (Classes 1-5).        |                            |            |

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| <b>LNG Vehicle Class:</b><br><b>CNG Station Sells Renewable:</b> false<br><b>LNG Station Sells Renewable:</b><br><b>NPS Unit Name:</b><br><b>RD Blended with Biodiesel:</b><br><b>RD Maximum Biodiesel Level:</b><br><b>RD Blends:</b><br><b>RD Blends French:</b><br><b>BD Blends:</b><br><b>BD Blends French:</b> |                   |                            |                  |      |    |

[12](#)      1 of 1      **ENE/47.2**      **83.9 / -5.00**      **ON**      **BORE**

|                            |                |                           |                |
|----------------------------|----------------|---------------------------|----------------|
| <b>Borehole ID:</b>        | 612156         | <b>Inclin FLG:</b>        | No             |
| <b>OGF ID:</b>             | 215513465      | <b>SP Status:</b>         | Initial Entry  |
| <b>Status:</b>             |                | <b>Surv Elev:</b>         | No             |
| <b>Type:</b>               | Borehole       | <b>Piezometer:</b>        | No             |
| <b>Use:</b>                |                | <b>Primary Name:</b>      |                |
| <b>Completion Date:</b>    | OCT-1970       | <b>Municipality:</b>      |                |
| <b>Static Water Level:</b> |                | <b>Lot:</b>               |                |
| <b>Primary Water Use:</b>  |                | <b>Township:</b>          |                |
| <b>Sec. Water Use:</b>     |                | <b>Latitude DD:</b>       | 45.301467      |
| <b>Total Depth m:</b>      | 26.2           | <b>Longitude DD:</b>      | -75.704958     |
| <b>Depth Ref:</b>          | Ground Surface | <b>UTM Zone:</b>          | 18             |
| <b>Depth Elev:</b>         |                | <b>Easting:</b>           | 444731         |
| <b>Drill Method:</b>       |                | <b>Northing:</b>          | 5016682        |
| <b>Orig Ground Elev m:</b> | 89.9           | <b>Location Accuracy:</b> |                |
| <b>Elev Reliabil Note:</b> |                | <b>Accuracy:</b>          | Not Applicable |
| <b>DEM Ground Elev m:</b>  | 90.7           |                           |                |
| <b>Concession:</b>         |                |                           |                |
| <b>Location D:</b>         |                |                           |                |
| <b>Survey D:</b>           |                |                           |                |
| <b>Comments:</b>           |                |                           |                |

**Borehole Geology Stratum**

|                                  |                        |                            |  |
|----------------------------------|------------------------|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390214              | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 0                      | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | .6                     | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           | Brown                  | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Clay                   | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               | Sand                   | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               | Soil                   | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |                        | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |                        |                            |  |
| <b>Stratum Description:</b>      | CLAY,SAND,SOIL. BROWN. |                            |  |

|                                  |                           |                            |  |
|----------------------------------|---------------------------|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390216                 | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 13.7                      | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | 21                        | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           | Grey                      | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Sand                      | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               | Gravel                    | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               | Boulders                  | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |                           | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |                           |                            |  |
| <b>Stratum Description:</b>      | SAND,GRAVEL,BOULDERSGREY. |                            |  |

|                            |           |                           |  |
|----------------------------|-----------|---------------------------|--|
| <b>Geology Stratum ID:</b> | 218390215 | <b>Mat Consistency:</b>   |  |
| <b>Top Depth:</b>          | .6        | <b>Material Moisture:</b> |  |
| <b>Bottom Depth:</b>       | 13.7      | <b>Material Texture:</b>  |  |
| <b>Material Color:</b>     | Grey      | <b>Non Geo Mat Type:</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>PDF URL (Map):</b> |                          | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510965.pdf |                          |             |           |

**Additional Detail(s) (Map)**

**Well Completed Date:** 10/20/1970  
**Year Completed:** 1970  
**Depth (m):** 26.2128  
**Latitude:** 45.3014657124196  
**Longitude:** -75.7049576219017  
**X:** -75.70495746084711  
**Y:** 45.30146570481577  
**Path:** 151\1510965.pdf

**Bore Hole Information**

|                                     |   |                         |                                |
|-------------------------------------|---|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 10032968  | <b>Elevation:</b>       |                                |
| <b>DP2BR:</b>                       |   | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |   | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |   | <b>East83:</b>          | 444730.70                      |
| <b>Code OB Desc:</b>                |   | <b>North83:</b>         | 5016682.00                     |
| <b>Open Hole:</b>                   |   | <b>Org CS:</b>          |                                |
| <b>Cluster Kind:</b>                |   | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 10/20/1970  | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |   | <b>Location Method:</b> | p4                             |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m |                         |                                |
| <b>Elevrc Desc:</b>                 |   |                         |                                |
| <b>Location Source Date:</b>        |   |                         |                                |
| <b>Improvement Location Source:</b> |   |                         |                                |
| <b>Improvement Location Method:</b> |   |                         |                                |
| <b>Source Revision Comment:</b>     |   |                         |                                |
| <b>Supplier Comment:</b>            |   |                         |                                |

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931016311  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 26  
**Material 1 Desc:** ROCK  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 69.0  
**Formation End Depth:** 86.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931016309  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**



| <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>Formation Top Depth:</b>                                 |                          | 2.0                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 45.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 931016310                          |                          |             |           |
| <b>Layer:</b>   |                          | 3                                  |                          |             |           |
| <b>Color:</b>   |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                                       |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>  |                          | 09                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                          | MEDIUM SAND                        |                          |             |           |
| <b>Material 2:</b>  |                          | 11                                 |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                          | GRAVEL                             |                          |             |           |
| <b>Material 3:</b>  |                          | 13                                 |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                          | BOULDERS                           |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 45.0                               |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 69.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 931016308                          |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Color:</b>   |                          | 6                                  |                          |             |           |
| <b>General Color:</b>                                       |                          | BROWN                              |                          |             |           |
| <b>Material 1:</b>  |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>  |                          | 09                                 |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                          | MEDIUM SAND                        |                          |             |           |
| <b>Material 3:</b>  |                          | 02                                 |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                          | TOPSOIL                            |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 2.0                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                          | 961510965                          |                          |             |           |
| <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>   |                          | 10581538                           |                          |             |           |
| <b>Casing No:</b>   |                          | 1                                  |                          |             |           |
| <b>Comment:</b>   |                          |                                    |                          |             |           |
| <b>Alt Name:</b>  |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>   |                          | 930058480                          |                          |             |           |
| <b>Layer:</b>   |                          | 2                                  |                          |             |           |
| <b>Material:</b>  |                          | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                          | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>  |                          |                                    |                          |             |           |
| <b>Depth To:</b>  |                          | 86.0                               |                          |             |           |
| <b>Casing Diameter:</b>                                     |                          | 6.0                                |                          |             |           |

| <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>Casing Diameter UOM:</b>                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                          | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                          | 930058479                          |                          |             |           |
| <b>Layer:</b>                               |                          | 1                                  |                          |             |           |
| <b>Material:</b>                            |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                          |                          |                                    |                          |             |           |
| <b>Depth To:</b>                            |                          | 72.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                          | 6.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b> |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>            |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                        |                          | 991510965                          |                          |             |           |
| <b>Pump Set At:</b>                         |                          |                                    |                          |             |           |
| <b>Static Level:</b>                        |                          | 20.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>           |                          | 40.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>              |                          | 60.0                               |                          |             |           |
| <b>Pumping Rate:</b>                        |                          | 15.0                               |                          |             |           |
| <b>Flowing Rate:</b>                        |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>               |                          | 5.0                                |                          |             |           |
| <b>Levels UOM:</b>                          |                          | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                            |                          | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>         |                          |                                    |                          |             |           |
| <b>Water State After Test:</b>              |                          |                                    |                          |             |           |
| <b>Pumping Test Method:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                |                          | 0                                  |                          |             |           |
| <b>Flowing:</b>                             |                          | No                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934381227                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 30                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 40.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934899172                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 60                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 40.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934642248                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 45                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 40.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                                      | DB   |
|---|-------------------|----------------------------|------------------|---|------|
| <b>Pump Test Detail ID:</b> 934097519   |                   |                            |                  |   |      |
| <b>Test Type:</b> Draw Down   |                   |                            |                  |   |      |
| <b>Test Duration:</b> 15  |                   |                            |                  |   |      |
| <b>Test Level:</b> 40.0   |                   |                            |                  |   |      |
| <b>Test Level UOM:</b> ft   |                   |                            |                  |   |      |
| <b>Water Details</b>  |                   |                            |                  |   |      |
| <b>Water ID:</b> 933466026  |                   |                            |                  |   |      |
| <b>Layer:</b> 1   |                   |                            |                  |   |      |
| <b>Kind Code:</b> 1   |                   |                            |                  |   |      |
| <b>Kind:</b> FRESH  |                   |                            |                  |   |      |
| <b>Water Found Depth:</b> 78.0  |                   |                            |                  |   |      |
| <b>Water Found Depth UOM:</b> ft  |                   |                            |                  |   |      |
| <b>Water Details</b>  |                   |                            |                  |   |      |
| <b>Water ID:</b> 933466027  |                   |                            |                  |   |      |
| <b>Layer:</b> 2   |                   |                            |                  |   |      |
| <b>Kind Code:</b> 1   |                   |                            |                  |   |      |
| <b>Kind:</b> FRESH  |                   |                            |                  |   |      |
| <b>Water Found Depth:</b> 83.0  |                   |                            |                  |   |      |
| <b>Water Found Depth UOM:</b> ft  |                   |                            |                  |   |      |
| <a href="#">14</a>  | 1 of 1            | S/66.3                     | 90.9 / 2.06      | 61 Bill Leatham Dr<br>Nepean ON K2J 0P7   | EHS  |
| <b>Order No:</b> 22032200228  |                   |                            |                  |   |      |
| <b>Status:</b> C  |                   |                            |                  |   |      |
| <b>Report Type:</b> Custom Report   |                   |                            |                  |   |      |
| <b>Report Date:</b> 25-MAR-22   |                   |                            |                  |   |      |
| <b>Date Received:</b> 22-MAR-22   |                   |                            |                  |   |      |
| <b>Previous Site Name:</b>  |                   |                            |                  |   |      |
| <b>Lot/Building Size:</b>   |                   |                            |                  |   |      |
| <b>Additional Info Ordered:</b>   |                   |                            |                  |   |      |
| <b>Nearest Intersection:</b>  |                   |                            |                  |   |      |
| <b>Municipality:</b>  |                   |                            |                  |   |      |
| <b>Client Prov/State:</b> ON  |                   |                            |                  |   |      |
| <b>Search Radius (km):</b> .25  |                   |                            |                  |   |      |
| <b>X:</b> -75.71093482  |                   |                            |                  |   |      |
| <b>Y:</b> 45.29611421   |                   |                            |                  |   |      |
| <a href="#">15</a>  | 1 of 1            | SW/70.5                    | 89.9 / 1.00      | 2 Bill Leatham Drive<br>Nepean ON K2J 0P7 | EHS  |
| <b>Order No:</b> 20200303133  |                   |                            |                  |   |      |
| <b>Status:</b> C  |                   |                            |                  |   |      |
| <b>Report Type:</b> Standard Report   |                   |                            |                  |   |      |
| <b>Report Date:</b> 06-MAR-20   |                   |                            |                  |   |      |
| <b>Date Received:</b> 03-MAR-20   |                   |                            |                  |   |      |
| <b>Previous Site Name:</b>  |                   |                            |                  |   |      |
| <b>Lot/Building Size:</b>   |                   |                            |                  |   |      |
| <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos |                   |                            |                  |   |      |
| <b>Nearest Intersection:</b>  |                   |                            |                  |   |      |
| <b>Municipality:</b>  |                   |                            |                  |   |      |
| <b>Client Prov/State:</b> ON  |                   |                            |                  |   |      |
| <b>Search Radius (km):</b> .25  |                   |                            |                  |   |      |
| <b>X:</b> -75.7148657   |                   |                            |                  |   |      |
| <b>Y:</b> 45.2952433  |                   |                            |                  |   |      |
| <a href="#">16</a>  | 1 of 1            | WSW/72.0                   | 89.9 / 1.00      | con 2<br>OTTAWA ON                        | WWIS |
| <b>Well ID:</b> 1534521   |                   |                            |                  |   |      |
| <b>Construction Date:</b>   |                   |                            |                  |   |      |
| <b>Use 1st:</b> Livestock   |                   |                            |                  |   |      |
| <b>Use 2nd:</b>   |                   |                            |                  |   |      |
| <b>Final Well Status:</b> Abandoned-Other   |                   |                            |                  |   |      |
| <b>Water Type:</b>  |                   |                            |                  |   |      |
| <b>Casing Material:</b>   |                   |                            |                  |   |      |
| <b>Audit No:</b> Z05665   |                   |                            |                  |   |      |
| <b>Tag:</b>   |                   |                            |                  |   |      |
| <b>Flowing (Y/N):</b>   |                   |                            |                  |   |      |
| <b>Flow Rate:</b>   |                   |                            |                  |   |      |
| <b>Data Entry Status:</b>   |                   |                            |                  |   |      |
| <b>Data Src:</b>  |                   |                            |                  |   |      |
| <b>Date Received:</b> 02/19/2004  |                   |                            |                  |   |      |
| <b>Selected Flag:</b> TRUE  |                   |                            |                  |   |      |
| <b>Abandonment Rec:</b>   |                   |                            |                  |   |      |
| <b>Contractor:</b> 1844   |                   |                            |                  |   |      |
| <b>Form Version:</b> 3  |                   |                            |                  |   |      |

| Map Key   | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site  | DB   |
|---|-------------------|---|------------------|---|------|
| <b>Constructn Method:</b><br><b>Elevation (m):</b><br><b>Elevatn 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>Clear/Cloudy:</b><br><b>Municipality:</b><br><b>Site Info:</b> |                   | NEPEAN TOWNSHIP   |                  | <b>Owner:</b><br><b>County:</b> OTTAWA-CARLETON<br><b>Lot:</b><br><b>Concession:</b> 02<br><b>Concession Name:</b> RF<br><b>Easting NAD83:</b><br><b>Northing NAD83:</b><br><b>Zone:</b><br><b>UTM Reliability:</b> |      |
| <b>PDF URL (Map):</b>   |                   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534521.pdf |                  |   |      |
| <b><u>Additional Detail(s) (Map)</u></b>  |                   |   |                  |   |      |
| <b>Well Completed Date:</b>   |                   | 11/28/2004  |                  |   |      |
| <b>Year Completed:</b>  |                   | 2004  |                  |   |      |
| <b>Depth (m):</b>   |                   |   |                  |   |      |
| <b>Latitude:</b>  |                   | 45.296196875607   |                  |   |      |
| <b>Longitude:</b>   |                   | -75.7170046002621   |                  |   |      |
| <b>X:</b>   |                   | -75.71700443838782  |                  |   |      |
| <b>Y:</b>   |                   | 45.296196868758685  |                  |   |      |
| <b>Path:</b>  |                   | 153\1534521.pdf   |                  |   |      |
| <b><u>Bore Hole Information</u></b>   |                   |   |                  |   |      |
| <b>Bore Hole ID:</b>  |                   | 11104796  |                  | <b>Elevation:</b>   |      |
| <b>DP2BR:</b>   |                   |   |                  | <b>Elevrc:</b>  |      |
| <b>Spatial Status:</b>  |                   |   |                  | <b>Zone:</b> 18   |      |
| <b>Code OB:</b>   |                   |   |                  | <b>East83:</b> 443781.00  |      |
| <b>Code OB Desc:</b>  |                   |   |                  | <b>North83:</b> 5016105.00  |      |
| <b>Open Hole:</b>   |                   |   |                  | <b>Org CS:</b> UTM83  |      |
| <b>Cluster Kind:</b>  |                   |   |                  | <b>UTMRC:</b> 5   |      |
| <b>Date Completed:</b>  |                   | 11/28/2004  |                  | <b>UTMRC Desc:</b> margin of error : 100 m - 300 m  |      |
| <b>Remarks:</b>   |                   |   |                  | <b>Location Method:</b> wwr   |      |
| <b>Location Method Desc:</b>  |                   | on Water Well Record  |                  |   |      |
| <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>Method of Construction &amp; Well Use</u></b>   |                   |   |                  |   |      |
| <b>Method Construction ID:</b>  |                   | 961534521   |                  |   |      |
| <b>Method Construction Code:</b>  |                   | 0   |                  |   |      |
| <b>Method Construction:</b>   |                   | Not Known   |                  |   |      |
| <b>Other Method Construction:</b>   |                   |   |                  |   |      |
| <b><u>Pipe Information</u></b>  |                   |   |                  |   |      |
| <b>Pipe ID:</b>   |                   | 11109195  |                  |   |      |
| <b>Casing No:</b>   |                   | 1   |                  |   |      |
| <b>Comment:</b>   |                   |   |                  |   |      |
| <b>Alt Name:</b>  |                   |   |                  |   |      |
| <a href="#">17</a>  | 1 of 1            | SSE/72.4  | 89.8 / 0.97      | ON  | BORE |

| Map Key                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                      | DB             |
|----------------------------|-------------------|----------------------------|------------------|---------------------------|----------------|
| <b>Borehole ID:</b>        | 612140            |                            |                  | <b>Inclin FLG:</b>        | No             |
| <b>OGF ID:</b>             | 215513449         |                            |                  | <b>SP Status:</b>         | Initial Entry  |
| <b>Status:</b>             |                   |                            |                  | <b>Surv Elev:</b>         | No             |
| <b>Type:</b>               | Borehole          |                            |                  | <b>Piezometer:</b>        | No             |
| <b>Use:</b>                |                   |                            |                  | <b>Primary Name:</b>      |                |
| <b>Completion Date:</b>    | JUN-1958          |                            |                  | <b>Municipality:</b>      |                |
| <b>Static Water Level:</b> |                   |                            |                  | <b>Lot:</b>               |                |
| <b>Primary Water Use:</b>  |                   |                            |                  | <b>Township:</b>          |                |
| <b>Sec. Water Use:</b>     |                   |                            |                  | <b>Latitude DD:</b>       | 45.296435      |
| <b>Total Depth m:</b>      | 18.9              |                            |                  | <b>Longitude DD:</b>      | -75.710762     |
| <b>Depth Ref:</b>          | Ground Surface    |                            |                  | <b>UTM Zone:</b>          | 18             |
| <b>Depth Elev:</b>         |                   |                            |                  | <b>Easting:</b>           | 444271         |
| <b>Drill Method:</b>       |                   |                            |                  | <b>Northing:</b>          | 5016127        |
| <b>Orig Ground Elev m:</b> | 89.9              |                            |                  | <b>Location Accuracy:</b> |                |
| <b>Elev Reliabil Note:</b> |                   |                            |                  | <b>Accuracy:</b>          | Not Applicable |
| <b>DEM Ground Elev m:</b>  | 89.8              |                            |                  |                           |                |
| <b>Concession:</b>         |                   |                            |                  |                           |                |
| <b>Location D:</b>         |                   |                            |                  |                           |                |
| <b>Survey D:</b>           |                   |                            |                  |                           |                |
| <b>Comments:</b>           |                   |                            |                  |                           |                |

### Borehole Geology Stratum

|                                  |   |  |  |                            |      |
|----------------------------------|---|--|--|----------------------------|------|
| <b>Geology Stratum ID:</b>       | 218390165   |  |  | <b>Mat Consistency:</b>    | Hard |
| <b>Top Depth:</b>                | 0   |  |  | <b>Material Moisture:</b>  |      |
| <b>Bottom Depth:</b>             | 14.6  |  |  | <b>Material Texture:</b>   |      |
| <b>Material Color:</b>           |   |  |  | <b>Non Geo Mat Type:</b>   |      |
| <b>Material 1:</b>               |   |  |  | <b>Geologic Formation:</b> |      |
| <b>Material 2:</b>               | Boulders  |  |  | <b>Geologic Group:</b>     |      |
| <b>Material 3:</b>               |   |  |  | <b>Geologic Period:</b>    |      |
| <b>Material 4:</b>               |   |  |  | <b>Depositional Gen:</b>   |      |
| <b>Gsc Material Description:</b> |   |  |  |                            |      |
| <b>Stratum Description:</b>      | HARDPAN,BOULDERS.   |  |  |                            |      |
| <b>Geology Stratum ID:</b>       | 218390166   |  |  | <b>Mat Consistency:</b>    |      |
| <b>Top Depth:</b>                | 14.6  |  |  | <b>Material Moisture:</b>  |      |
| <b>Bottom Depth:</b>             | 18.9  |  |  | <b>Material Texture:</b>   |      |
| <b>Material Color:</b>           | Grey  |  |  | <b>Non Geo Mat Type:</b>   |      |
| <b>Material 1:</b>               | Granite   |  |  | <b>Geologic Formation:</b> |      |
| <b>Material 2:</b>               |   |  |  | <b>Geologic Group:</b>     |      |
| <b>Material 3:</b>               |   |  |  | <b>Geologic Period:</b>    |      |
| <b>Material 4:</b>               |   |  |  | <b>Depositional Gen:</b>   |      |
| <b>Gsc Material Description:</b> |   |  |  |                            |      |
| <b>Stratum Description:</b>      | GRANITE. GREY. 00055CIFIED. SEISMIC VELOCITY = 6200. BEDROCK. SEISMIC VELOCITY = 20500. |  |  |                            |      |

### Source

|                        |  |                      |                        |
|------------------------|--|----------------------|------------------------|
| <b>Source Type:</b>    | Data Survey  | <b>Source Appl:</b>  | Spatial/Tabular        |
| <b>Source Orig:</b>    | Geological Survey of Canada                        | <b>Source Iden:</b>  | 1                      |
| <b>Source Date:</b>    | 1956-1972  | <b>Scale or Res:</b> | Varies                 |
| <b>Confidence:</b>     |  | <b>Horizontal:</b>   | NAD27                  |
| <b>Observatio:</b>     |  | <b>Verticalda:</b>   | Mean Average Sea Level |
| <b>Source Name:</b>    | Urban Geology Automated Information System (UGAIS) |                      |                        |
| <b>Source Details:</b> | File: OTTAWA1.txt RecordID: 04648 NTS_Sheet:       |                      |                        |
| <b>Confiden 1:</b>     |  |                      |                        |

### Source List

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

| Map Key                    | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site | DB |
|----------------------------|-------------------|-----------------------------|------------------|------|----|
| <b>Source Originators:</b> |                   | Geological Survey of Canada |                  |      |    |

[18](#) 1 of 1 SSE/72.4 89.8 / 0.97 lot 18 con 1 ON [WWIS](#)

|                             |                 |                           |                 |
|-----------------------------|-----------------|---------------------------|-----------------|
| <b>Well ID:</b>             | 1504702         | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>   |                 | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>             | Livestock       | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>             | 0               | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>   | Water Supply    | <b>Date Received:</b>     | 08/05/1958      |
| <b>Water Type:</b>          |                 | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>     |                 | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>            |                 | <b>Contractor:</b>        | 3718            |
| <b>Tag:</b>                 |                 | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>   |                 | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>       |                 | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliability:</b> |                 | <b>Lot:</b>               | 018             |
| <b>Depth to Bedrock:</b>    |                 | <b>Concession:</b>        | 01              |
| <b>Well Depth:</b>          |                 | <b>Concession Name:</b>   | RF              |
| <b>Overburden/Bedrock:</b>  |                 | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>           |                 | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b>  |                 | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>        |                 | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>        | NEPEAN TOWNSHIP |                           |                 |
| <b>Site Info:</b>           |                 |                           |                 |

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1504702.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504702.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 06/20/1958  
**Year Completed:** 1958  
**Depth (m):** 18.8976  
**Latitude:** 45.2964339274372  
**Longitude:** -75.7107620342634  
**X:** -75.71076187235404  
**Y:** 45.29643391982153  
**Path:** 150\1504702.pdf

**Bore Hole Information**

|                                     |  |                         |             |
|-------------------------------------|--|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10026745                                     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |  | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |  | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |  | <b>East83:</b>          | 444270.70   |
| <b>Code OB Desc:</b>                |  | <b>North83:</b>         | 5016127.00  |
| <b>Open Hole:</b>                   |  | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |  | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 06/20/1958                                   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |  | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 9: unknown UTM |                         |             |
| <b>Elevrc Desc:</b>                 |  |                         |             |
| <b>Location Source Date:</b>        |  |                         |             |
| <b>Improvement Location Source:</b> |  |                         |             |
| <b>Improvement Location Method:</b> |  |                         |             |
| <b>Source Revision Comment:</b>     |  |                         |             |
| <b>Supplier Comment:</b>            |  |                         |             |

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931000212

| <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>Layer:</b>                                       | 2                        |                                    |                          |             |           |
| <b>Color:</b>                                       | 2                        |                                    |                          |             |           |
| <b>General Color:</b>                               |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>                                  |                          | 21                                 |                          |             |           |
| <b>Material 1 Desc:</b>                             |                          | GRANITE                            |                          |             |           |
| <b>Material 2:</b>                                  |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                             |                          |                                    |                          |             |           |
| <b>Material 3:</b>                                  |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                             |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                         | 48.0                     |                                    |                          |             |           |
| <b>Formation End Depth:</b>                         | 62.0                     |                                    |                          |             |           |
| <b>Formation End Depth UOM:</b>                     | ft                       |                                    |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>                |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                    |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                                | 931000211                |                                    |                          |             |           |
| <b>Layer:</b>                                       | 1                        |                                    |                          |             |           |
| <b>Color:</b>                                       |                          |                                    |                          |             |           |
| <b>General Color:</b>                               |                          |                                    |                          |             |           |
| <b>Material 1:</b>                                  | 14                       |                                    |                          |             |           |
| <b>Material 1 Desc:</b>                             |                          | HARDPAN                            |                          |             |           |
| <b>Material 2:</b>                                  | 13                       |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                             |                          | BOULDERS                           |                          |             |           |
| <b>Material 3:</b>                                  |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                             |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                         | 0.0                      |                                    |                          |             |           |
| <b>Formation End Depth:</b>                         | 48.0                     |                                    |                          |             |           |
| <b>Formation End Depth UOM:</b>                     | ft                       |                                    |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b> |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                      | 961504702                |                                    |                          |             |           |
| <b>Method Construction Code:</b>                    | 1                        |                                    |                          |             |           |
| <b>Method Construction:</b>                         | Cable Tool               |                                    |                          |             |           |
| <b>Other Method Construction:</b>                   |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                      |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>                                     | 10575315                 |                                    |                          |             |           |
| <b>Casing No:</b>                                   | 1                        |                                    |                          |             |           |
| <b>Comment:</b>                                     |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                    |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                   | 930046221                |                                    |                          |             |           |
| <b>Layer:</b>                                       | 1                        |                                    |                          |             |           |
| <b>Material:</b>                                    | 1                        |                                    |                          |             |           |
| <b>Open Hole or Material:</b>                       |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                  |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                    | 40.0                     |                                    |                          |             |           |
| <b>Casing Diameter:</b>                             | 5.0                      |                                    |                          |             |           |
| <b>Casing Diameter UOM:</b>                         | inch                     |                                    |                          |             |           |
| <b>Casing Depth UOM:</b>                            | ft                       |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                   | 930046222                |                                    |                          |             |           |
| <b>Layer:</b>                                       | 2                        |                                    |                          |             |           |
| <b>Material:</b>                                    | 4                        |                                    |                          |             |           |

| Map Key                                     | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|---|-------------------|----------------------------|------------------|---|-----|
| <b>Open Hole or Material:</b>               |                   | OPEN HOLE                  |                  |   |     |
| <b>Depth From:</b>                          |                   |                            |                  |   |     |
| <b>Depth To:</b>                            |                   | 62.0                       |                  |   |     |
| <b>Casing Diameter:</b>                     |                   | 5.0                        |                  |   |     |
| <b>Casing Diameter UOM:</b>                 |                   | inch                       |                  |   |     |
| <b>Casing Depth UOM:</b>                    |                   | ft                         |                  |   |     |
| <b><u>Results of Well Yield Testing</u></b> |                   |                            |                  |   |     |
| <b>Pumping Test Method Desc:</b>            |                   | PUMP                       |                  |   |     |
| <b>Pump Test ID:</b>                        |                   | 991504702                  |                  |   |     |
| <b>Pump Set At:</b>                         |                   |                            |                  |   |     |
| <b>Static Level:</b>                        |                   | 18.0                       |                  |   |     |
| <b>Final Level After Pumping:</b>           |                   | 24.0                       |                  |   |     |
| <b>Recommended Pump Depth:</b>              |                   |                            |                  |   |     |
| <b>Pumping Rate:</b>                        |                   | 5.0                        |                  |   |     |
| <b>Flowing Rate:</b>                        |                   |                            |                  |   |     |
| <b>Recommended Pump Rate:</b>               |                   |                            |                  |   |     |
| <b>Levels UOM:</b>                          |                   | ft                         |                  |   |     |
| <b>Rate UOM:</b>                            |                   | GPM                        |                  |   |     |
| <b>Water State After Test Code:</b>         |                   | 1                          |                  |   |     |
| <b>Water State After Test:</b>              |                   | CLEAR                      |                  |   |     |
| <b>Pumping Test Method:</b>                 |                   | 1                          |                  |   |     |
| <b>Pumping Duration HR:</b>                 |                   | 2                          |                  |   |     |
| <b>Pumping Duration MIN:</b>                |                   | 0                          |                  |   |     |
| <b>Flowing:</b>                             |                   | No                         |                  |   |     |
| <b><u>Water Details</u></b>                 |                   |                            |                  |   |     |
| <b>Water ID:</b>                            |                   | 933458009                  |                  |   |     |
| <b>Layer:</b>                               |                   | 1                          |                  |   |     |
| <b>Kind Code:</b>                           |                   | 1                          |                  |   |     |
| <b>Kind:</b>                                |                   | FRESH                      |                  |   |     |
| <b>Water Found Depth:</b>                   |                   | 55.0                       |                  |   |     |
| <b>Water Found Depth UOM:</b>               |                   | ft                         |                  |   |     |
| <a href="#">19</a>                          | 1 of 20           | SSW/88.1                   | 91.1 / 2.20      | CONSUMERS GAS COMPANY LTD., THE<br>90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2 | GEN |
| <b>Generator No:</b>                        |                   | ON0060850                  |                  |   |     |
| <b>SIC Code:</b>                            |                   | 4921                       |                  |   |     |
| <b>SIC Description:</b>                     |                   | GAS DISTIRB. SYS.          |                  |   |     |
| <b>Approval Years:</b>                      |                   | 96,97,01                   |                  |   |     |
| <b>PO Box No:</b>                           |                   |                            |                  |   |     |
| <b>Country:</b>                             |                   |                            |                  |   |     |
| <b>Status:</b>                              |                   |                            |                  |   |     |
| <b>Co Admin:</b>                            |                   |                            |                  |   |     |
| <b>Choice of Contact:</b>                   |                   |                            |                  |   |     |
| <b>Phone No Admin:</b>                      |                   |                            |                  |   |     |
| <b>Contaminated Facility:</b>               |                   |                            |                  |   |     |
| <b>MHSW Facility:</b>                       |                   |                            |                  |   |     |
| <b><u>Detail(s)</u></b>                     |                   |                            |                  |   |     |
| <b>Waste Class:</b>                         |                   | 251                        |                  |   |     |
| <b>Waste Class Name:</b>                    |                   | OIL SKIMMINGS & SLUDGES    |                  |   |     |
| <a href="#">19</a>                          | 2 of 20           | SSW/88.1                   | 91.1 / 2.20      | CONSUMERS GAS COMPANY<br>90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2           | GEN |



| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|--|-------------------|----------------------------|------------------|--|-----|
| <b>Generator No:</b> ON0060850<br><b>SIC Code:</b> 4921<br><b>SIC Description:</b> GAS DISTIRB. SYS.<br><b>Approval Years:</b> 98,99,00<br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b>                   |                   |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                   |                            |                  |  |     |
| <b>Waste Class:</b> 251  |                   |                            |                  |  |     |
| <b>Waste Class Name:</b> OIL SKIMMINGS & SLUDGES   |                   |                            |                  |  |     |
| <a href="#">19</a>   | 3 of 20           | SSW/88.1                   | 91.1 / 2.20      | ENBRIDGE SERVICES INC.<br>90 BILL LEATHEM DRIVE<br>NEPEAN ON K2G 6J2 | GEN |
| <b>Generator No:</b> ON2658900<br><b>SIC Code:</b> 4242<br><b>SIC Description:</b> DRY HEAT. & GAS PIP.<br><b>Approval Years:</b> 01<br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b>                      |                   |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                   |                            |                  |  |     |
| <b>Waste Class:</b> 252  |                   |                            |                  |  |     |
| <b>Waste Class Name:</b> WASTE OILS & LUBRICANTS   |                   |                            |                  |  |     |
| <a href="#">19</a>   | 4 of 20           | SSW/88.1                   | 91.1 / 2.20      | Enbridge Gas Distribution<br>90 Bill Leatham Drive<br>Nepean ON      | GEN |
| <b>Generator No:</b> ON6512754<br><b>SIC Code:</b> 221210<br><b>SIC Description:</b> Natural Gas Distribution<br><b>Approval Years:</b> 03,04,05,06,07,08<br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   |                            |                  |  |     |
| <b><u>Detail(s)</u></b>  |                   |                            |                  |  |     |
| <b>Waste Class:</b> 121  |                   |                            |                  |  |     |
| <b>Waste Class Name:</b> ALKALINE WASTES - HEAVY METALS  |                   |                            |                  |  |     |



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

Waste Class: 263  
Waste Class Name: ORGANIC LABORATORY CHEMICALS

[19](#) 7 of 20 SSW/88.1 91.1 / 2.20 Enbridge Gas Distribution  
90 Bill Leatham Drive  
Nepean ON K2J 0R3 GEN

Generator No: ON6512754  
SIC Code: 221210  
SIC Description: Natural Gas Distribution  
Approval Years: 2010  
PO Box No:  
Country:  
Status:  
Co Admin:  
Choice of Contact:  
Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Detail(s)

Waste Class: 221  
Waste Class Name: LIGHT FUELS

Waste Class: 212  
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 252  
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 213  
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 263  
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 121  
Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Class: 251  
Waste Class Name: OIL SKIMMINGS & SLUDGES

[19](#) 8 of 20 SSW/88.1 91.1 / 2.20 Enbridge Gas Distribution  
90 Bill Leatham Drive  
Nepean ON K2J 0R3 GEN

Generator No: ON6512754  
SIC Code: 221210  
SIC Description: Natural Gas Distribution  
Approval Years: 2011  
PO Box No:  
Country:  
Status:  
Co Admin:  
Choice of Contact:  
Phone No Admin:  
Contaminated Facility:  
MHSW Facility:

Detail(s)

Waste Class: 251

| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class Name:</b> |                   | OIL SKIMMINGS & SLUDGES        |                  |      |    |
| <b>Waste Class:</b>      |                   | 212                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>      |                   | 252                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | WASTE OILS & LUBRICANTS        |                  |      |    |
| <b>Waste Class:</b>      |                   | 221                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | LIGHT FUELS                    |                  |      |    |
| <b>Waste Class:</b>      |                   | 263                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |
| <b>Waste Class:</b>      |                   | 121                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALKALINE WASTES - HEAVY METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 213                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | PETROLEUM DISTILLATES          |                  |      |    |

[19](#)      9 of 20      **SSW/88.1**      **91.1 / 2.20**      **Enbridge Gas Distribution  
90 Bill Leatham Drive  
Nepean ON K2J 0R3**      **GEN**

**Generator No:** ON6512754  
**SIC Code:** 221210  
**SIC Description:** Natural Gas Distribution  
**Approval Years:** 2012  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

Detail(s)

**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 221  
**Waste Class Name:** LIGHT FUELS

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

**Waste Class:** 213  
**Waste Class Name:** PETROLEUM DISTILLATES

**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS

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

[19](#)      10 of 20      **SSW/88.1**      **91.1 / 2.20**      **Enbridge Gas Distribution  
90 Bill Leatham Drive  
Nepean ON**      **GEN**

| Map Key  | Number of Records | Direction/<br>Distance (m)                              | Elev/Diff<br>(m) | Site                                | DB  |
|--|-------------------|---|------------------|-------------------------------------|-----|
| <b>Generator No:</b><br><b>SIC Code:</b><br><b>SIC Description:</b><br><b>Approval Years:</b><br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   | ON6512754<br>221210<br>NATURAL GAS DISTRIBUTION<br>2013 |                  |                                     |     |
| <b><u>Detail(s)</u></b>  |                   |   |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 145   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | PAINT/PIGMENT/COATING RESIDUES                          |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 221   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | LIGHT FUELS   |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 121   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | ALKALINE WASTES - HEAVY METALS                          |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 263   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | ORGANIC LABORATORY CHEMICALS                            |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 243   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | PCBS  |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 146   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | OTHER SPECIFIED INORGANICS                              |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 213   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | PETROLEUM DISTILLATES                                   |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 212   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | ALIPHATIC SOLVENTS                                      |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 251   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | OIL SKIMMINGS & SLUDGES                                 |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 331   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | WASTE COMPRESSED GASES                                  |                  |                                     |     |
| <b>Waste Class:</b>  |                   | 252   |                  |                                     |     |
| <b>Waste Class Name:</b>   |                   | WASTE OILS & LUBRICANTS                                 |                  |                                     |     |
| <a href="#">19</a>   | 11 of 20          | SSW/88.1  | 91.1 / 2.20      | 90 Bill Leathem Drive<br>Ottawa ON  | EHS |
| <b>Order No:</b>   |                   | 20160602024   |                  | <b>Nearest Intersection:</b>        |     |
| <b>Status:</b>   |                   | C   |                  | <b>Municipality:</b> City of Ottawa |     |
| <b>Report Type:</b>  |                   | Standard Report   |                  | <b>Client Prov/State:</b> ON        |     |
| <b>Report Date:</b>  |                   | 08-JUN-16   |                  | <b>Search Radius (km):</b> .25      |     |
| <b>Date Received:</b>  |                   | 02-JUN-16   |                  | <b>X:</b> -75.71365                 |     |
| <b>Previous Site Name:</b>   |                   |   |                  | <b>Y:</b> 45.294631                 |     |
| <b>Lot/Building Size:</b>  |                   | 3.98 acres  |                  |                                     |     |
| <b>Additional Info Ordered:</b>  |                   | Topographic Maps; Aerial Photos                         |                  |                                     |     |
| <a href="#">19</a>   | 12 of 20          | SSW/88.1  | 91.1 / 2.20      | Enbridge Gas Distribution           | GEN |

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

90 Bill Leatham Drive  
Nepean ON K2G 6J2

Generator No: ON6512754  
 SIC Code: 221210  
 SIC Description: NATURAL GAS DISTRIBUTION  
 Approval Years: 2015  
 PO Box No:  
 Country: Canada  
 Status:  
 Co Admin:  
 Choice of Contact: CO\_OFFICIAL  
 Phone No Admin:  
 Contaminated Facility: No  
 MHSW Facility: No

**Detail(s)**

Waste Class: 145  
 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212  
 Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 213  
 Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 331  
 Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 221  
 Waste Class Name: LIGHT FUELS

Waste Class: 146  
 Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 121  
 Waste Class Name: ALKALINE WASTES - HEAVY METALS

Waste Class: 251  
 Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252  
 Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 243  
 Waste Class Name: PCBS

Waste Class: 263  
 Waste Class Name: ORGANIC LABORATORY CHEMICALS

|                    |          |          |             |   |     |
|--------------------|----------|----------|-------------|---|-----|
| <a href="#">19</a> | 13 of 20 | SSW/88.1 | 91.1 / 2.20 | Enbridge Gas Distribution<br>90 Bill Leatham Drive<br>Nepean ON K2G 6J2 | GEN |
|--------------------|----------|----------|-------------|---|-----|

Generator No: ON6512754  
 SIC Code: 221210  
 SIC Description: NATURAL GAS DISTRIBUTION  
 Approval Years: 2014  
 PO Box No:  
 Country: Canada  
 Status:  
 Co Admin:  
 Choice of Contact: CO\_OFFICIAL

| Map Key                       | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|-------------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Phone No Admin:</b>        |                   | No                             |                  |      |    |
| <b>Contaminated Facility:</b> |                   | No                             |                  |      |    |
| <b>MHSW Facility:</b>         |                   | No                             |                  |      |    |
| <b><u>Detail(s)</u></b>       |                   |                                |                  |      |    |
| <b>Waste Class:</b>           |                   | 145                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | PAINT/PIGMENT/COATING RESIDUES |                  |      |    |
| <b>Waste Class:</b>           |                   | 243                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | PCBS                           |                  |      |    |
| <b>Waste Class:</b>           |                   | 263                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |
| <b>Waste Class:</b>           |                   | 213                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | PETROLEUM DISTILLATES          |                  |      |    |
| <b>Waste Class:</b>           |                   | 121                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ALKALINE WASTES - HEAVY METALS |                  |      |    |
| <b>Waste Class:</b>           |                   | 221                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | LIGHT FUELS                    |                  |      |    |
| <b>Waste Class:</b>           |                   | 331                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | WASTE COMPRESSED GASES         |                  |      |    |
| <b>Waste Class:</b>           |                   | 212                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>           |                   | 146                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | OTHER SPECIFIED INORGANICS     |                  |      |    |
| <b>Waste Class:</b>           |                   | 252                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS        |                  |      |    |
| <b>Waste Class:</b>           |                   | 251                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES        |                  |      |    |

|                    |          |          |             |   |     |
|--------------------|----------|----------|-------------|---|-----|
| <a href="#">19</a> | 14 of 20 | SSW/88.1 | 91.1 / 2.20 | Enbridge Gas Inc.<br>90 Bill Leatham Drive<br>Nepean ON K2G 6J2 | GEN |
|--------------------|----------|----------|-------------|---|-----|

**Generator No:** ON6512754  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Dec 2018  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals  
  
**Waste Class:** 146 L  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids

| <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>Waste Class:</b>      |                          | 212 B                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Aliphatic solvents and residues            |                          |             |           |
| <b>Waste Class:</b>      |                          | 213 I                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Petroleum distillates                      |                          |             |           |
| <b>Waste Class:</b>      |                          | 251 L                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste oils/sludges (petroleum based)       |                          |             |           |
| <b>Waste Class:</b>      |                          | 252 L                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste crankcase oils and lubricants        |                          |             |           |
| <b>Waste Class:</b>      |                          | 263 I                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Misc. waste organic chemicals              |                          |             |           |
| <b>Waste Class:</b>      |                          | 331 I                                      |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste compressed gases including cylinders |                          |             |           |

19      15 of 20      **SSW/88.1**      **91.1 / 2.20**      **Enbridge Gas Distribution**  
**90 Bill Leatham Drive**  
**Nepean ON K2G 6J2**      **GEN**

**Generator No:** ON6512754  
**SIC Code:** 221210  
**SIC Description:** NATURAL GAS DISTRIBUTION  
**Approval Years:** 2016  
**PO Box No:**  
**Country:** Canada  
**Status:**  
**Co Admin:**  
**Choice of Contact:** CO\_OFFICIAL  
**Phone No Admin:**  
**Contaminated Facility:** No  
**MHSW Facility:** No

**Detail(s)**

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

**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS

**Waste Class:** 221  
**Waste Class Name:** LIGHT FUELS

**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

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

**Waste Class:** 213  
**Waste Class Name:** PETROLEUM DISTILLATES

**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES

**Waste Class:** 243  
**Waste Class Name:** PCBS

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS



| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 145                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | PAINT/PIGMENT/COATING RESIDUES |                  |      |    |
| <b>Waste Class:</b>      |                   | 251                            |                  |      |    |
| <b>Waste Class Name:</b> |                   | OIL SKIMMINGS & SLUDGES        |                  |      |    |

|                    |          |          |             |   |     |
|--------------------|----------|----------|-------------|---|-----|
| <a href="#">19</a> | 16 of 20 | SSW/88.1 | 91.1 / 2.20 | Enbridge Gas Inc.<br>90 Bill Leatham Drive<br>Nepean ON K2G 6J2 | GEN |
|--------------------|----------|----------|-------------|---|-----|

**Generator No:** ON6512754  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Jul 2020  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 213 I  
**Waste Class Name:** Petroleum distillates  
  
**Waste Class:** 251 L  
**Waste Class Name:** Waste oils/sludges (petroleum based)  
  
**Waste Class:** 212 B  
**Waste Class Name:** Aliphatic solvents and residues  
  
**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals  
  
**Waste Class:** 146 T  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids  
  
**Waste Class:** 331 I  
**Waste Class Name:** Waste compressed gases including cylinders  
  
**Waste Class:** 263 I  
**Waste Class Name:** Misc. waste organic chemicals  
  
**Waste Class:** 146 L  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids  
  
**Waste Class:** 252 L  
**Waste Class Name:** Waste crankcase oils and lubricants  
  
**Waste Class:** 145 I  
**Waste Class Name:** Wastes from the use of pigments, coatings and paints

|                    |          |          |             |  |     |
|--------------------|----------|----------|-------------|--|-----|
| <a href="#">19</a> | 17 of 20 | SSW/88.1 | 91.1 / 2.20 | 90 Bill Leatham Drive, Nepean<br>Ottawa ON | SPL |
|--------------------|----------|----------|-------------|--|-----|

**Ref No:** 3885-BMFVD2  
**Year:**  
**Incident Dt:** 2020/03/06  
**Dt MOE Arvl on Scn:**

**Municipality No:**  
**Nature of Damage:**  
**Discharger Report:**  
**Material Group:**

| Map Key                             | Number of Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                     | DB                    |
|-------------------------------------|--|----------------------------|------------------|--------------------------|-----------------------|
| <b>MOE Reported Dt:</b>             | 2020/03/06   |                            |                  | <b>Impact to Health:</b> | 2 - Minor Environment |
| <b>Dt Document Closed:</b>          | 2020/07/17   |                            |                  | <b>Agency Involved:</b>  |                       |
| <b>Site No:</b>                     | NA   |                            |                  |                          |                       |
| <b>MOE Response:</b>                | No   |                            |                  |                          |                       |
| <b>Site County/District:</b>        |  |                            |                  |                          |                       |
| <b>Site Geo Ref Meth:</b>           |  |                            |                  |                          |                       |
| <b>Site District Office:</b>        | Ottawa   |                            |                  |                          |                       |
| <b>Nearest Watercourse:</b>         |  |                            |                  |                          |                       |
| <b>Site Name:</b>                   | Hydraulic oil spill from blown hose<UNOFFICIAL>                  |                            |                  |                          |                       |
| <b>Site Address:</b>                | 90 Bill Leatham Drive, Nepean                                    |                            |                  |                          |                       |
| <b>Site Region:</b>                 | Eastern  |                            |                  |                          |                       |
| <b>Site Municipality:</b>           | Ottawa   |                            |                  |                          |                       |
| <b>Site Lot:</b>                    |  |                            |                  |                          |                       |
| <b>Site Conc:</b>                   |  |                            |                  |                          |                       |
| <b>Site Geo Ref Accu:</b>           |  |                            |                  |                          |                       |
| <b>Site Map Datum:</b>              |  |                            |                  |                          |                       |
| <b>Northing:</b>                    | 5015967  |                            |                  |                          |                       |
| <b>Easting:</b>                     | 444162   |                            |                  |                          |                       |
| <b>Incident Cause:</b>              |  |                            |                  |                          |                       |
| <b>Incident Preceding Spill:</b>    | Leak/Break   |                            |                  |                          |                       |
| <b>Environment Impact:</b>          |  |                            |                  |                          |                       |
| <b>Health Env Consequence:</b>      |  |                            |                  |                          |                       |
| <b>Nature of Impact:</b>            |  |                            |                  |                          |                       |
| <b>Contaminant Qty:</b>             | 20 L   |                            |                  |                          |                       |
| <b>System Facility Address:</b>     |  |                            |                  |                          |                       |
| <b>Client Name:</b>                 |  |                            |                  |                          |                       |
| <b>Client Type:</b>                 |  |                            |                  |                          |                       |
| <b>Source Type:</b>                 | Motor Vehicle  |                            |                  |                          |                       |
| <b>Contaminant Code:</b>            | 15   |                            |                  |                          |                       |
| <b>Contaminant Name:</b>            | HYDRAULIC OIL  |                            |                  |                          |                       |
| <b>Contaminant Limit 1:</b>         |  |                            |                  |                          |                       |
| <b>Contam Limit Freq 1:</b>         |  |                            |                  |                          |                       |
| <b>Contaminant UN No 1:</b>         | n/a  |                            |                  |                          |                       |
| <b>Receiving Medium:</b>            | Land   |                            |                  |                          |                       |
| <b>Incident Reason:</b>             | Equipment Failure  |                            |                  |                          |                       |
| <b>Incident Summary:</b>            | Clintar: ~ 20 L hydraulic oil from blown hose - Bill Leatham Dr. |                            |                  |                          |                       |
| <b>Activity Preceding Spill:</b>    |  |                            |                  |                          |                       |
| <b>Property 2nd Watershed:</b>      |  |                            |                  |                          |                       |
| <b>Property Tertiary Watershed:</b> |  |                            |                  |                          |                       |
| <b>Sector Type:</b>                 | Miscellaneous Industrial   |                            |                  |                          |                       |
| <b>SAC Action Class:</b>            | Land Spills  |                            |                  |                          |                       |
| <b>Call Report Locatn Geodata:</b>  |  |                            |                  |                          |                       |

[19](#)

18 of 20

SSW/88.1

91.1 / 2.20

**Enbridge Gas Inc.**  
**90 Bill Leatham Drive**  
**Nepean ON K2J 0R3**

GEN

**Generator No:** ON6512754  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Nov 2021  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

Detail(s)

**Waste Class:** 213 I

| <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>Waste Class Name:</b> |                          | Petroleum distillates                                 |                          |             |           |
| <b>Waste Class:</b>      |                          | 212 B   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Aliphatic solvents and residues                       |                          |             |           |
| <b>Waste Class:</b>      |                          | 146 L   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Other specified inorganic sludges, slurries or solids |                          |             |           |
| <b>Waste Class:</b>      |                          | 251 T   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste oils/sludges (petroleum based)                  |                          |             |           |
| <b>Waste Class:</b>      |                          | 331 I   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste compressed gases including cylinders            |                          |             |           |
| <b>Waste Class:</b>      |                          | 145 I   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Wastes from the use of pigments, coatings and paints  |                          |             |           |
| <b>Waste Class:</b>      |                          | 252 L   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste crankcase oils and lubricants                   |                          |             |           |
| <b>Waste Class:</b>      |                          | 263 I   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Misc. waste organic chemicals                         |                          |             |           |
| <b>Waste Class:</b>      |                          | 121 C   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Alkaline slutions - containing heavy metals           |                          |             |           |
| <b>Waste Class:</b>      |                          | 251 L   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Waste oils/sludges (petroleum based)                  |                          |             |           |
| <b>Waste Class:</b>      |                          | 146 T   |                          |             |           |
| <b>Waste Class Name:</b> |                          | Other specified inorganic sludges, slurries or solids |                          |             |           |

[19](#)

19 of 20

**SSW/88.1**

**91.1 / 2.20**

**Enbridge Gas Inc.  
90 Bill Leatham Drive  
Nepean ON K2J 0R3**

**GEN**

**Generator No:** ON6512754  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Oct 2022  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 212 B  
**Waste Class Name:** ALIPHATIC SOLVENTS

**Waste Class:** 145 I  
**Waste Class Name:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 251 T  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252 L  
**Waste Class Name:** WASTE OILS & LUBRICANTS

**Waste Class:** 213 I

| Map Key                  | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Waste Class Name:</b> |                   | PETROLEUM DISTILLATES          |                  |      |    |
| <b>Waste Class:</b>      |                   | 331 I                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | WASTE COMPRESSED GASES         |                  |      |    |
| <b>Waste Class:</b>      |                   | 263 I                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |
| <b>Waste Class:</b>      |                   | 121 C                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | ALKALINE WASTES - HEAVY METALS |                  |      |    |
| <b>Waste Class:</b>      |                   | 251 L                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | OIL SKIMMINGS & SLUDGES        |                  |      |    |
| <b>Waste Class:</b>      |                   | 146 T                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | OTHER SPECIFIED INORGANICS     |                  |      |    |
| <b>Waste Class:</b>      |                   | 146 L                          |                  |      |    |
| <b>Waste Class Name:</b> |                   | OTHER SPECIFIED INORGANICS     |                  |      |    |

[19](#)      20 of 20      **SSW/88.1**      **91.1 / 2.20**      **90 Bill Leathem Dr.  
Nepean ON K2J 0R3**      **EHS**

|                                 |                 |                              |             |
|---------------------------------|-----------------|------------------------------|-------------|
| <b>Order No:</b>                | 22042001050     | <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>             | 25-APR-22       | <b>Search Radius (km):</b>   | .25         |
| <b>Date Received:</b>           | 20-APR-22       | <b>X:</b>                    | -75.7135529 |
| <b>Previous Site Name:</b>      |                 | <b>Y:</b>                    | 45.2945242  |
| <b>Lot/Building Size:</b>       |                 |                              |             |
| <b>Additional Info Ordered:</b> |                 |                              |             |

[20](#)      1 of 1      **SSW/89.2**      **91.0 / 2.11**      **90 Bill Leathem Drive  
Ottawa ON K2J 0R3**      **EHS**

|                                 |  |                              |             |
|---------------------------------|--|------------------------------|-------------|
| <b>Order No:</b>                | 23101700458  | <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>             | 20-OCT-23  | <b>Search Radius (km):</b>   | .25         |
| <b>Date Received:</b>           | 17-OCT-23  | <b>X:</b>                    | -75.7136171 |
| <b>Previous Site Name:</b>      |  | <b>Y:</b>                    | 45.2945253  |
| <b>Lot/Building Size:</b>       |  |                              |             |
| <b>Additional Info Ordered:</b> | Fire Insur. Maps and/or Site Plans; City Directory |                              |             |

[21](#)      1 of 1      **S/96.8**      **86.9 / -2.00**      **con 1  
ON**      **WWIS**

|                            |         |                           |                 |
|----------------------------|---------|---------------------------|-----------------|
| <b>Well ID:</b>            | 7352549 | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |         | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            |         | <b>Data Entry Status:</b> | Yes             |
| <b>Use 2nd:</b>            |         | <b>Data Src:</b>          |                 |
| <b>Final Well Status:</b>  |         | <b>Date Received:</b>     | 08/22/2019      |
| <b>Water Type:</b>         |         | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |         | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           | C40412  | <b>Contractor:</b>        | 1844            |
| <b>Tag:</b>                | A193846 | <b>Form Version:</b>      | 8               |
| <b>Constructn Method:</b>  |         | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |         | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |         | <b>Lot:</b>               |                 |
| <b>Depth to Bedrock:</b>   |         | <b>Concession:</b>        | 01              |
| <b>Well Depth:</b>         |         | <b>Concession Name:</b>   | RF              |

| Map Key  | Number of Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|--|--|----------------------------|------------------|--|---|
| <b>Overburden/Bedrock:</b><br><b>Pump Rate:</b><br><b>Static Water Level:</b><br><b>Clear/Cloudy:</b><br><b>Municipality:</b><br><b>Site Info:</b>   |  | NEPEAN TOWNSHIP            |                  | <b>Easting NAD83:</b><br><b>Northing NAD83:</b><br><b>Zone:</b><br><b>UTM Reliability:</b>   |   |
| <b><u>Additional Detail(s) (Map)</u></b>   |  |                            |                  |  |   |
| <b>Bore Hole ID:</b><br><b>Depth M:</b><br><b>Year Completed:</b><br><b>Well Completed Dt:</b><br><b>Audit No:</b><br><b>Path:</b>   | 1008171634<br><br>2019<br>03/18/2019<br>C40412   |                            |                  | <b>Tag No:</b><br><b>Contractor:</b><br><b>Latitude:</b><br><b>Longitude:</b><br><b>Y:</b><br><b>X:</b>  | A193846<br>1844<br>45.2943137689066<br>-75.711535183995<br>45.294313762367246<br>-75.71153502259756 |
| <b><u>Bore Hole Information</u></b>  |  |                            |                  |  |   |
| <b>Bore Hole ID:</b><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>Location Method Desc:</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> | 1008171634<br><br><br><br><br>03/18/2019<br>on Water Well Record   |                            |                  | <b>Elevation:</b><br><b>Elevrc:</b><br><b>Zone:</b><br><b>East83:</b><br><b>North83:</b><br><b>Org CS:</b><br><b>UTMRC:</b><br><b>UTMRC Desc:</b><br><b>Location Method:</b> | 18<br>444208.00<br>5015892.00<br>UTM83<br>4<br>margin of error : 30 m - 100 m<br>wwr                |
| <a href="#">22</a>   | 1 of 1   | SE/100.5                   | 87.7 / -1.15     | Leiken Drive<br>Ottawa ON  | EHS   |
| <b>Order No:</b><br><b>Status:</b><br><b>Report Type:</b><br><b>Report Date:</b><br><b>Date Received:</b><br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>  | 20150302018<br>C<br>Custom Report<br>06-MAR-15<br>02-MAR-15  |                            |                  | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b><br><b>Search Radius (km):</b><br><b>X:</b><br><b>Y:</b>                                    | ON<br>.25<br>-75.708049<br>45.296427  |
| <a href="#">23</a>   | 1 of 1   | SW/137.0                   | 88.7 / -0.20     | City of Ottawa<br>Part of Lots 18 & 19, Concession 1, Rideau Front<br>Ottawa ON K2G 6J8  | ECA   |
| <b>Approval No:</b><br><b>Approval Date:</b><br><b>Status:</b><br><b>Record Type:</b><br><b>Link Source:</b><br><b>SWP Area Name:</b><br><b>Approval Type:</b><br><b>Project Type:</b><br><b>Business Name:</b><br><b>Address:</b><br><b>Full Address:</b>   | 6981-7SHQNB<br>2009-06-02<br>Approved<br>ECA<br>IDS<br>Rideau Valley<br>ECA-Municipal Drinking Water Systems<br>Municipal Drinking Water Systems<br>City of Ottawa<br>Part of Lots 18 & 19, Concession 1, Rideau Front |                            |                  | <b>MOE District:</b><br><b>City:</b><br><b>Longitude:</b><br><b>Latitude:</b><br><b>Geometry X:</b><br><b>Geometry Y:</b>  | Ottawa<br>-75.71520000000001<br>45.2946   |

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

Full PDF Link:  
PDF Site Location:

|                    |        |           |              |                              |      |
|--------------------|--------|-----------|--------------|------------------------------|------|
| <a href="#">24</a> | 1 of 1 | ENE/138.0 | 82.9 / -6.00 | PRINCE OF WALES<br>Ottawa ON | WWIS |
|--------------------|--------|-----------|--------------|------------------------------|------|

|                            |                          |                           |                 |
|----------------------------|--------------------------|---------------------------|-----------------|
| <b>Well ID:</b>            | 7181888                  | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |                          | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            | Monitoring and Test Hole | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>            | 0                        | <b>Data Src:</b>          |                 |
| <b>Final Well Status:</b>  | Test Hole                | <b>Date Received:</b>     | 05/31/2012      |
| <b>Water Type:</b>         |                          | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |                          | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           | Z148836                  | <b>Contractor:</b>        | 7323            |
| <b>Tag:</b>                | A117183                  | <b>Form Version:</b>      | 7               |
| <b>Constructn Method:</b>  |                          | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |                          | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                          | <b>Lot:</b>               |                 |
| <b>Depth to Bedrock:</b>   |                          | <b>Concession:</b>        |                 |
| <b>Well Depth:</b>         |                          | <b>Concession Name:</b>   |                 |
| <b>Overburden/Bedrock:</b> |                          | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>          |                          | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b> |                          | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>       |                          | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>       | NEPEAN TOWNSHIP          |                           |                 |
| <b>Site Info:</b>          |                          |                           |                 |

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/718\7181888.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7181888.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 05/02/2012  
**Year Completed:** 2012  
**Depth (m):** 2.1336  
**Latitude:** 45.3009672786305  
**Longitude:** -75.7040420237707  
**X:** -75.70404186232219  
**Y:** 45.30096727177002  
**Path:** 718\7181888.pdf

**Bore Hole Information**

|                                     |                      |                         |                                |
|-------------------------------------|----------------------|-------------------------|--------------------------------|
| <b>Bore Hole ID:</b>                | 1003835009           | <b>Elevation:</b>       |                                |
| <b>DP2BR:</b>                       |                      | <b>Elevrc:</b>          |                                |
| <b>Spatial Status:</b>              |                      | <b>Zone:</b>            | 18                             |
| <b>Code OB:</b>                     |                      | <b>East83:</b>          | 444802.00                      |
| <b>Code OB Desc:</b>                |                      | <b>North83:</b>         | 5016626.00                     |
| <b>Open Hole:</b>                   |                      | <b>Org CS:</b>          | UTM83                          |
| <b>Cluster Kind:</b>                |                      | <b>UTMRC:</b>           | 4                              |
| <b>Date Completed:</b>              | 05/02/2012           | <b>UTMRC Desc:</b>      | margin of error : 30 m - 100 m |
| <b>Remarks:</b>                     |                      | <b>Location Method:</b> | wwr                            |
| <b>Location Method Desc:</b>        | on Water Well Record |                         |                                |
| <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>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>Formation ID:</b>                                   |                          | 1004328133                         |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Color:</b>  |                          | 6                                  |                          |             |           |
| <b>General Color:</b>                                  |                          | BROWN                              |                          |             |           |
| <b>Material 1:</b>                                     |                          | 28                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                |                          | SAND                               |                          |             |           |
| <b>Material 2:</b>                                     |                          | 06                                 |                          |             |           |
| <b>Material 2 Desc:</b>                                |                          | SILT                               |                          |             |           |
| <b>Material 3:</b>                                     |                          | 91                                 |                          |             |           |
| <b>Material 3 Desc:</b>                                |                          | WATER-BEARING                      |                          |             |           |
| <b>Formation Top Depth:</b>                            |                          | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                            |                          | 7.0                                |                          |             |           |
| <b>Formation End Depth UOM:</b>                        |                          | ft                                 |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1004328141                         |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 0.0                                |                          |             |           |
| <b>Plug To:</b>  |                          | 1.5                                |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | ft                                 |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1004328142                         |                          |             |           |
| <b>Layer:</b>  |                          | 2                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 1.5                                |                          |             |           |
| <b>Plug To:</b>  |                          | 7.0                                |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | ft                                 |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 1004328143                         |                          |             |           |
| <b>Layer:</b>  |                          | 3                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          |                                    |                          |             |           |
| <b>Plug To:</b>  |                          |                                    |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                         |                          | 1004328140                         |                          |             |           |
| <b>Method Construction Code:</b>                       |                          | 6                                  |                          |             |           |
| <b>Method Construction:</b>                            |                          | Boring                             |                          |             |           |
| <b>Other Method Construction:</b>                      |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                         |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>  |                          | 1004328132                         |                          |             |           |
| <b>Casing No:</b>                                      |                          | 0                                  |                          |             |           |
| <b>Comment:</b>  |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                       |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                      |                          | 1004328136                         |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |

| Map Key                                    | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m)    | Site                       | DB          |
|--|-------------------|----------------------------|---------------------|----------------------------|-------------|
| <b>Material:</b>                           |                   |                            |                     |                            |             |
| <b>Open Hole or Material:</b>              |                   | 5                          |                     |                            |             |
| <b>Depth From:</b>                         |                   | PLASTIC                    |                     |                            |             |
| <b>Depth To:</b>                           |                   | 0.0                        |                     |                            |             |
| <b>Casing Diameter:</b>                    |                   | 2.0                        |                     |                            |             |
| <b>Casing Diameter UOM:</b>                |                   | 2.0                        |                     |                            |             |
| <b>Casing Depth UOM:</b>                   |                   | inch                       |                     |                            |             |
|  |                   | ft                         |                     |                            |             |
| <b><u>Construction Record - Screen</u></b> |                   |                            |                     |                            |             |
| <b>Screen ID:</b>                          |                   | 1004328137                 |                     |                            |             |
| <b>Layer:</b>                              |                   | 1                          |                     |                            |             |
| <b>Slot:</b>                               |                   | .10                        |                     |                            |             |
| <b>Screen Top Depth:</b>                   |                   | 2.0                        |                     |                            |             |
| <b>Screen End Depth:</b>                   |                   | 7.0                        |                     |                            |             |
| <b>Screen Material:</b>                    |                   | 5                          |                     |                            |             |
| <b>Screen Depth UOM:</b>                   |                   | ft                         |                     |                            |             |
| <b>Screen Diameter UOM:</b>                |                   | inch                       |                     |                            |             |
| <b>Screen Diameter:</b>                    |                   | 2.25                       |                     |                            |             |
| <b><u>Water Details</u></b>                |                   |                            |                     |                            |             |
| <b>Water ID:</b>                           |                   | 1004328135                 |                     |                            |             |
| <b>Layer:</b>                              |                   |                            |                     |                            |             |
| <b>Kind Code:</b>                          |                   |                            |                     |                            |             |
| <b>Kind:</b>                               |                   |                            |                     |                            |             |
| <b>Water Found Depth:</b>                  |                   |                            |                     |                            |             |
| <b>Water Found Depth UOM:</b>              |                   | ft                         |                     |                            |             |
| <b><u>Hole Diameter</u></b>                |                   |                            |                     |                            |             |
| <b>Hole ID:</b>                            |                   | 1004328134                 |                     |                            |             |
| <b>Diameter:</b>                           |                   | 8.0                        |                     |                            |             |
| <b>Depth From:</b>                         |                   | 0.0                        |                     |                            |             |
| <b>Depth To:</b>                           |                   | 7.0                        |                     |                            |             |
| <b>Hole Depth UOM:</b>                     |                   | ft                         |                     |                            |             |
| <b>Hole Diameter UOM:</b>                  |                   | inch                       |                     |                            |             |
| <b>25</b>                                  | <b>1 of 1</b>     | <b>E/141.9</b>             | <b>82.9 / -6.00</b> | <b>lot 18 con 1<br/>ON</b> | <b>WWIS</b> |
| <b>Well ID:</b>                            |                   | 1504703                    |                     | <b>Flowing (Y/N):</b>      |             |
| <b>Construction Date:</b>                  |                   |                            |                     | <b>Flow Rate:</b>          |             |
| <b>Use 1st:</b>                            |                   | Domestic                   |                     | <b>Data Entry Status:</b>  |             |
| <b>Use 2nd:</b>                            |                   | 0                          |                     | <b>Data Src:</b>           |             |
| <b>Final Well Status:</b>                  |                   | Water Supply               |                     | 1                          |             |
| <b>Water Type:</b>                         |                   |                            |                     | <b>Date Received:</b>      |             |
| <b>Casing Material:</b>                    |                   |                            |                     | 07/05/1955                 |             |
| <b>Audit No:</b>                           |                   |                            |                     | <b>Selected Flag:</b>      |             |
| <b>Tag:</b>                                |                   |                            |                     | TRUE                       |             |
| <b>Constructn Method:</b>                  |                   |                            |                     | <b>Abandonment Rec:</b>    |             |
| <b>Elevation (m):</b>                      |                   |                            |                     | <b>Contractor:</b>         |             |
| <b>Elevatn Reliabilty:</b>                 |                   |                            |                     | 3701                       |             |
| <b>Depth to Bedrock:</b>                   |                   |                            |                     | <b>Form Version:</b>       |             |
| <b>Well Depth:</b>                         |                   |                            |                     | 1                          |             |
| <b>Overburden/Bedrock:</b>                 |                   |                            |                     | <b>Owner:</b>              |             |
| <b>Pump Rate:</b>                          |                   |                            |                     | <b>County:</b>             |             |
| <b>Static Water Level:</b>                 |                   |                            |                     | OTTAWA-CARLETON            |             |
| <b>Clear/Cloudy:</b>                       |                   |                            |                     | <b>Lot:</b>                |             |
| <b>Municipality:</b>                       |                   | NEPEAN TOWNSHIP            |                     | 018                        |             |
| <b>Site Info:</b>                          |                   |                            |                     | <b>Concession:</b>         |             |
|  |                   |                            |                     | 01                         |             |
|  |                   |                            |                     | <b>Concession Name:</b>    |             |
|  |                   |                            |                     | RF                         |             |
|  |                   |                            |                     | <b>Easting NAD83:</b>      |             |
|  |                   |                            |                     | <b>Northing NAD83:</b>     |             |
|  |                   |                            |                     | <b>Zone:</b>               |             |
|  |                   |                            |                     | <b>UTM Reliability:</b>    |             |



| Map Key               | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site | DB |
|-----------------------|-------------------|---|------------------|------|----|
| <b>PDF URL (Map):</b> |                   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504703.pdf |                  |      |    |

**Additional Detail(s) (Map)**

**Well Completed Date:** 11/11/1954  
**Year Completed:** 1954  
**Depth (m):** 18.8976  
**Latitude:** 45.2994890840651  
**Longitude:** -75.7043591727871  
**X:** -75.70435901165466  
**Y:** 45.299489077255124  
**Path:** 150\1504703.pdf

**Bore Hole Information**

|                                     |  |                         |             |
|-------------------------------------|--|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10026746                                     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |  | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |  | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |  | <b>East83:</b>          | 444775.70   |
| <b>Code OB Desc:</b>                |  | <b>North83:</b>         | 5016462.00  |
| <b>Open Hole:</b>                   |  | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |  | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 11/11/1954                                   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |  | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>        | Original Pre1985 UTM Rel Code 9: unknown UTM |                         |             |
| <b>Elevrc Desc:</b>                 |  |                         |             |
| <b>Location Source Date:</b>        |  |                         |             |
| <b>Improvement Location Source:</b> |  |                         |             |
| <b>Improvement Location Method:</b> |  |                         |             |
| <b>Source Revision Comment:</b>     |  |                         |             |
| <b>Supplier Comment:</b>            |  |                         |             |

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931000213  
**Layer:** 1  
**Color:**  
**General Color:**  
**Material 1:** 06  
**Material 1 Desc:** SILT  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931000214  
**Layer:** 2  
**Color:**  
**General Color:**  
**Material 1:** 14  
**Material 1 Desc:** HARDPAN  
**Material 2:** 13  
**Material 2 Desc:** BOULDERS  
**Material 3:**  
**Material 3 Desc:**

| <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>Formation Top Depth:</b>                                 |                          | 5.0                                |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 60.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock<br/>Materials Interval</u></b> |                          |                                    |                          |             |           |
| <b>Formation ID:</b>  |                          | 931000215                          |                          |             |           |
| <b>Layer:</b>   |                          | 3                                  |                          |             |           |
| <b>Color:</b>   |                          |                                    |                          |             |           |
| <b>General Color:</b>                                       |                          |                                    |                          |             |           |
| <b>Material 1:</b>  |                          | 11                                 |                          |             |           |
| <b>Material 1 Desc:</b>                                     |                          | GRAVEL                             |                          |             |           |
| <b>Material 2:</b>  |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                                     |                          |                                    |                          |             |           |
| <b>Material 3:</b>  |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                                     |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                                 |                          | 60.0                               |                          |             |           |
| <b>Formation End Depth:</b>                                 |                          | 62.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                             |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well<br/>Use</u></b>     |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                              |                          | 961504703                          |                          |             |           |
| <b>Method Construction Code:</b>                            |                          | 1                                  |                          |             |           |
| <b>Method Construction:</b>                                 |                          | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>                           |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                              |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>   |                          | 10575316                           |                          |             |           |
| <b>Casing No:</b>   |                          | 1                                  |                          |             |           |
| <b>Comment:</b>   |                          |                                    |                          |             |           |
| <b>Alt Name:</b>  |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>                  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>   |                          | 930046223                          |                          |             |           |
| <b>Layer:</b>   |                          | 1                                  |                          |             |           |
| <b>Material:</b>  |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                               |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>  |                          |                                    |                          |             |           |
| <b>Depth To:</b>  |                          | 62.0                               |                          |             |           |
| <b>Casing Diameter:</b>                                     |                          | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                                    |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>                 |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                            |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>  |                          | 991504703                          |                          |             |           |
| <b>Pump Set At:</b>   |                          |                                    |                          |             |           |
| <b>Static Level:</b>  |                          | 30.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>                           |                          | 60.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>                              |                          |                                    |                          |             |           |
| <b>Pumping Rate:</b>  |                          | 3.0                                |                          |             |           |
| <b>Flowing Rate:</b>  |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>                               |                          |                                    |                          |             |           |
| <b>Levels UOM:</b>  |                          | ft                                 |                          |             |           |
| <b>Rate UOM:</b>  |                          | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>                         |                          | 1                                  |                          |             |           |

| Map Key                        | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Water State After Test:</b> |                   | CLEAR                      |                  |      |    |
| <b>Pumping Test Method:</b>    |                   | 1                          |                  |      |    |
| <b>Pumping Duration HR:</b>    |                   | 1                          |                  |      |    |
| <b>Pumping Duration MIN:</b>   |                   | 0                          |                  |      |    |
| <b>Flowing:</b>                |                   | No                         |                  |      |    |
| <b>Water Details</b>           |                   |                            |                  |      |    |
| <b>Water ID:</b>               |                   | 933458010                  |                  |      |    |
| <b>Layer:</b>                  |                   | 1                          |                  |      |    |
| <b>Kind Code:</b>              |                   | 1                          |                  |      |    |
| <b>Kind:</b>                   |                   | FRESH                      |                  |      |    |
| <b>Water Found Depth:</b>      |                   | 62.0                       |                  |      |    |
| <b>Water Found Depth UOM:</b>  |                   | ft                         |                  |      |    |

26

1 of 1

E/141.9

82.9 / -6.00

ON

BORE

|                            |                |                           |                |
|----------------------------|----------------|---------------------------|----------------|
| <b>Borehole ID:</b>        | 612148         | <b>Inclin FLG:</b>        | No             |
| <b>OGF ID:</b>             | 215513457      | <b>SP Status:</b>         | Initial Entry  |
| <b>Status:</b>             |                | <b>Surv Elev:</b>         | No             |
| <b>Type:</b>               | Borehole       | <b>Piezometer:</b>        | No             |
| <b>Use:</b>                |                | <b>Primary Name:</b>      |                |
| <b>Completion Date:</b>    | NOV-1954       | <b>Municipality:</b>      |                |
| <b>Static Water Level:</b> |                | <b>Lot:</b>               |                |
| <b>Primary Water Use:</b>  |                | <b>Township:</b>          |                |
| <b>Sec. Water Use:</b>     |                | <b>Latitude DD:</b>       | 45.29949       |
| <b>Total Depth m:</b>      | 18.9           | <b>Longitude DD:</b>      | -75.704359     |
| <b>Depth Ref:</b>          | Ground Surface | <b>UTM Zone:</b>          | 18             |
| <b>Depth Elev:</b>         |                | <b>Easting:</b>           | 444776         |
| <b>Drill Method:</b>       |                | <b>Northing:</b>          | 5016462        |
| <b>Orig Ground Elev m:</b> | 89.9           | <b>Location Accuracy:</b> |                |
| <b>Elev Reliabil Note:</b> |                | <b>Accuracy:</b>          | Not Applicable |
| <b>DEM Ground Elev m:</b>  | 90             |                           |                |
| <b>Concession:</b>         |                |                           |                |
| <b>Location D:</b>         |                |                           |                |
| <b>Survey D:</b>           |                |                           |                |
| <b>Comments:</b>           |                |                           |                |

**Borehole Geology Stratum**

|                                  |  |                            |      |
|----------------------------------|--|----------------------------|------|
| <b>Geology Stratum ID:</b>       | 218390189  | <b>Mat Consistency:</b>    | Hard |
| <b>Top Depth:</b>                | 1.5  | <b>Material Moisture:</b>  |      |
| <b>Bottom Depth:</b>             | 18.3   | <b>Material Texture:</b>   |      |
| <b>Material Color:</b>           |  | <b>Non Geo Mat Type:</b>   |      |
| <b>Material 1:</b>               |  | <b>Geologic Formation:</b> |      |
| <b>Material 2:</b>               | Boulders   | <b>Geologic Group:</b>     |      |
| <b>Material 3:</b>               |  | <b>Geologic Period:</b>    |      |
| <b>Material 4:</b>               |  | <b>Depositional Gen:</b>   |      |
| <b>Gsc Material Description:</b> |  |                            |      |
| <b>Stratum Description:</b>      | HARDPAN,BOULDERS.  |                            |      |
| <b>Geology Stratum ID:</b>       | 218390190  | <b>Mat Consistency:</b>    |      |
| <b>Top Depth:</b>                | 18.3   | <b>Material Moisture:</b>  |      |
| <b>Bottom Depth:</b>             | 18.9   | <b>Material Texture:</b>   |      |
| <b>Material Color:</b>           |  | <b>Non Geo Mat Type:</b>   |      |
| <b>Material 1:</b>               | Gravel   | <b>Geologic Formation:</b> |      |
| <b>Material 2:</b>               |  | <b>Geologic Group:</b>     |      |
| <b>Material 3:</b>               |  | <b>Geologic Period:</b>    |      |
| <b>Material 4:</b>               |  | <b>Depositional Gen:</b>   |      |
| <b>Gsc Material Description:</b> |  |                            |      |
| <b>Stratum Description:</b>      | GRAVEL. 00062IFIED. SEISMIC VELOCITY = 6000. BEDROCK. SEISMIC VELOCITY = 14000. BEDROCK. |                            |      |

| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|--|-------------------|----------------------------|------------------|---|-----|
| <b>Geology Stratum ID:</b> 218390188<br><b>Top Depth:</b> 0<br><b>Bottom Depth:</b> 1.5<br><b>Material Color:</b><br><b>Material 1:</b> Silt<br><b>Material 2:</b><br><b>Material 3:</b><br><b>Material 4:</b><br><b>Gsc Material Description:</b><br><b>Stratum Description:</b> SILT.  |                   |                            |                  | <b>Mat Consistency:</b><br><b>Material Moisture:</b><br><b>Material Texture:</b><br><b>Non Geo Mat Type:</b><br><b>Geologic Formation:</b><br><b>Geologic Group:</b><br><b>Geologic Period:</b><br><b>Depositional Gen:</b> |     |
| <b>Source</b>  |                   |                            |                  |   |     |
| <b>Source Type:</b> Data Survey<br><b>Source Orig:</b> Geological Survey of Canada<br><b>Source Date:</b> 1956-1972<br><b>Confidence:</b><br><b>Observatio:</b><br><b>Source Name:</b> Urban Geology Automated Information System (UGAIS)<br><b>Source Details:</b> File: OTTAWA1.txt RecordID: 04656 NTS_Sheet:<br><b>Confiden 1:</b> |                   |                            |                  | <b>Source Appl:</b> Spatial/Tabular<br><b>Source Iden:</b> 1<br><b>Scale or Res:</b> Varies<br><b>Horizontal:</b> NAD27<br><b>Verticalda:</b> Mean Average Sea Level  |     |
| <b>Source List</b>   |                   |                            |                  |   |     |
| <b>Source Identifier:</b> 1<br><b>Source Type:</b> Data Survey<br><b>Source Date:</b> 1956-1972<br><b>Scale or Resolution:</b> Varies<br><b>Source Name:</b> Urban Geology Automated Information System (UGAIS)<br><b>Source Originators:</b> Geological Survey of Canada  |                   |                            |                  | <b>Horizontal Datum:</b> NAD27<br><b>Vertical Datum:</b> Mean Average Sea Level<br><b>Projection Name:</b> Universal Transverse Mercator  |     |
| <a href="#">27</a>   | 1 of 1            | SE/152.1                   | 88.9 / 0.00      | 88 Prom. Leikin Dr<br>Nepean ON K2G   | EHS |
| <b>Order No:</b> 21111700343<br><b>Status:</b> C<br><b>Report Type:</b> Standard Report<br><b>Report Date:</b> 22-NOV-21<br><b>Date Received:</b> 17-NOV-21<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b>  |                   |                            |                  | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.7083803<br><b>Y:</b> 45.2958811   |     |
| <a href="#">28</a>   | 1 of 1            | SSE/152.5                  | 90.4 / 1.53      | Site 2 Bill Leathem Drive<br>Ottawa ON K2G  | EHS |
| <b>Order No:</b> 20190403036<br><b>Status:</b> C<br><b>Report Type:</b> Standard Report<br><b>Report Date:</b> 09-APR-19<br><b>Date Received:</b> 03-APR-19<br><b>Previous Site Name:</b><br><b>Lot/Building Size:</b><br><b>Additional Info Ordered:</b> City Directory   |                   |                            |                  | <b>Nearest Intersection:</b><br><b>Municipality:</b><br><b>Client Prov/State:</b> ON<br><b>Search Radius (km):</b> .25<br><b>X:</b> -75.710205<br><b>Y:</b> 45.294764   |     |
| <a href="#">29</a>   | 1 of 2            | SE/156.0                   | 88.8 / -0.08     | Canada Post Corporation<br>50 Leikin Drive Ottawa, ON Canada<br>ON  | EBR |
| <b>EBR Registry No:</b> 019-7635   |                   |                            |                  | <b>Decision Posted:</b> November 29, 2023   |     |

| Map Key                       | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|-------------------------------|---|----------------------------|------------------|--|---|
| <b>Ministry Ref No:</b>       | 5760-CUYLHP   |                            |                  | <b>Exception Posted:</b>                                     |   |
| <b>Notice Type:</b>           | Instrument  |                            |                  | <b>Section:</b>  | Part II.1 (20.3 or 20.5)                  |
| <b>Notice Stage:</b>          | Decision  |                            |                  | <b>Act 1:</b>  | Environmental Protection Act, R.S.O. 1990 |
| <b>Notice Date:</b>           |   |                            |                  | <b>Act 2:</b>  | Environmental Protection Act              |
| <b>Proposal Date:</b>         | September 18, 2023  |                            |                  | <b>Site Location Map:</b>                                    | 45.29654,-75.70805                        |
| <b>Year:</b>                  | 2023  |                            |                  |  |   |
| <b>Instrument Type:</b>       | Environmental Compliance Approval (sewage)  |                            |                  |  |   |
| <b>Off Instrument Name:</b>   | Environmental Compliance Approval (sewage) (OWRA s.53)  |                            |                  |  |   |
| <b>Posted By:</b>             | Ministry of the Environment, Conservation and Parks   |                            |                  |  |   |
| <b>Company Name:</b>          |   |                            |                  |  |   |
| <b>Site Address:</b>          | 50 Leikin Drive<br>Ottawa,<br>ON<br>Canada  |                            |                  |  |   |
| <b>Location Other:</b>        |   |                            |                  |  |   |
| <b>Proponent Name:</b>        | Canada Post Corporation   |                            |                  |  |   |
| <b>Proponent Address:</b>     | Canada Post Corporation<br>2701 Riverside Drive<br>Ottawa,<br>ON<br>K1A 0B1<br>Canada   |                            |                  |  |   |
| <b>Comment Period:</b>        | September 18, 2023 - November 2, 2023 (45 days) Closed  |                            |                  |  |   |
| <b>URL:</b>                   | <a href="https://ero.ontario.ca/notice/019-7635">https://ero.ontario.ca/notice/019-7635</a>   |                            |                  |  |   |
| <b>Site Location Details:</b> |   |                            |                  |  |   |
| <a href="#">29</a>            | 2 of 2  | SE/156.0                   | 88.8 / -0.08     | Canada Post Corporation<br>50 Leikin Dr<br>Ottawa ON K1A 0B1 | ECA                                       |
| <b>Approval No:</b>           | 4640-CWWN6R   |                            |                  | <b>MOE District:</b>   | Ottawa                                    |
| <b>Approval Date:</b>         | November 28, 2023   |                            |                  | <b>City:</b>   |   |
| <b>Status:</b>                | Approved  |                            |                  | <b>Longitude:</b>  |   |
| <b>Record Type:</b>           | ECA   |                            |                  | <b>Latitude:</b>   |   |
| <b>Link Source:</b>           | IDS   |                            |                  | <b>Geometry X:</b>   | -8427606.8033999987                       |
| <b>SWP Area Name:</b>         | Rideau Valley   |                            |                  | <b>Geometry Y:</b>   | 5668255.8649000004                        |
| <b>Approval Type:</b>         | ECA-INDUSTRIAL SEWAGE WORKS   |                            |                  |  |   |
| <b>Project Type:</b>          | INDUSTRIAL SEWAGE WORKS   |                            |                  |  |   |
| <b>Business Name:</b>         | Canada Post Corporation   |                            |                  |  |   |
| <b>Address:</b>               | 50 Leikin Dr  |                            |                  |  |   |
| <b>Full Address:</b>          |   |                            |                  |  |   |
| <b>Full PDF Link:</b>         | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5760-CUYLHP-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5760-CUYLHP-14.pdf</a> |                            |                  |  |   |
| <b>PDF Site Location:</b>     | 50 Leikin Drive<br>City of Ottawa, ON K2S 1B9   |                            |                  |  |   |
| <a href="#">30</a>            | 1 of 1  | E/173.2                    | 83.0 / -5.92     | 2876 PRINCE OF WALES DR. lot 19 con A<br>NEPAEN ON           | WWIS                                      |
| <b>Well ID:</b>               | 1534771   |                            |                  | <b>Flowing (Y/N):</b>  |   |
| <b>Construction Date:</b>     |   |                            |                  | <b>Flow Rate:</b>  |   |
| <b>Use 1st:</b>               |   |                            |                  | <b>Data Entry Status:</b>                                    |   |
| <b>Use 2nd:</b>               |   |                            |                  | <b>Data Src:</b>   | 1   |
| <b>Final Well Status:</b>     | Abandoned-Other   |                            |                  | <b>Date Received:</b>  | 07/08/2004                                |
| <b>Water Type:</b>            |   |                            |                  | <b>Selected Flag:</b>  | TRUE                                      |
| <b>Casing Material:</b>       |   |                            |                  | <b>Abandonment Rec:</b>                                      | Yes                                       |
| <b>Audit No:</b>              | Z14548  |                            |                  | <b>Contractor:</b>   | 1119                                      |
| <b>Tag:</b>                   | A014574   |                            |                  | <b>Form Version:</b>   | 3   |
| <b>Constructn Method:</b>     |   |                            |                  | <b>Owner:</b>  |   |
| <b>Elevation (m):</b>         |   |                            |                  | <b>County:</b>   | OTTAWA-CARLETON                           |
| <b>Elevatn Reliabilty:</b>    |   |                            |                  | <b>Lot:</b>  | 019                                       |
| <b>Depth to Bedrock:</b>      |   |                            |                  | <b>Concession:</b>   | A   |

| Map Key             | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site             | DB |
|---------------------|-------------------|---|------------------|------------------|----|
| Well Depth:         |                   |   |                  | Concession Name: | RF |
| Overburden/Bedrock: |                   |   |                  | Easting NAD83:   |    |
| Pump Rate:          |                   |   |                  | Northing NAD83:  |    |
| Static Water Level: |                   |   |                  | Zone:            |    |
| Clear/Cloudy:       |                   |   |                  | UTM Reliability: |    |
| Municipality:       |                   | NEPEAN TOWNSHIP   |                  |                  |    |
| Site Info:          |                   |   |                  |                  |    |
| PDF URL (Map):      |                   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534771.pdf |                  |                  |    |

**Additional Detail(s) (Map)**

Well Completed Date: 06/24/2004  
Year Completed: 2004  
Depth (m): 23.8  
Latitude: 45.3000032526468  
Longitude: -75.7041831479709  
X: -75.70418298678963  
Y: 45.300003246072514  
Path: 153\1534771.pdf

**Bore Hole Information**

|                              |                      |                  |                             |
|------------------------------|----------------------|------------------|-----------------------------|
| Bore Hole ID:                | 11172523             | Elevation:       |                             |
| DP2BR:                       |                      | Elevrc:          |                             |
| Spatial Status:              |                      | Zone:            | 18                          |
| Code OB:                     |                      | East83:          | 444790.00                   |
| Code OB Desc:                |                      | North83:         | 5016519.00                  |
| Open Hole:                   |                      | Org CS:          | UTM83                       |
| Cluster Kind:                |                      | UTMRC:           | 3                           |
| Date Completed:              | 06/24/2004           | UTMRC Desc:      | margin of error : 10 - 30 m |
| Remarks:                     |                      | Location Method: | wwr                         |
| Location Method Desc:        | on Water Well Record |                  |                             |
| Elevrc Desc:                 |                      |                  |                             |
| Location Source Date:        |                      |                  |                             |
| Improvement Location Source: |                      |                  |                             |
| Improvement Location Method: |                      |                  |                             |
| Source Revision Comment:     |                      |                  |                             |
| Supplier Comment:            |                      |                  |                             |

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 932968109  
Layer: 1  
Color:  
General Color:  
Material 1:  
Material 1 Desc:  
Material 2:  
Material 2 Desc:  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 23.799999237060547  
Formation End Depth UOM: m

**Annular Space/Abandonment**

**Sealing Record**

Plug ID: 933252941  
Layer: 1

| Map Key   | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---|-------------------|----------------------------|------------------|------|----|
| Plug From:  |                   | 23.799999237060547         |                  |      |    |
| Plug To:  |                   | 0.0                        |                  |      |    |
| Plug Depth UOM:                                     |                   | m                          |                  |      |    |
| <b><u>Method of Construction &amp; Well Use</u></b> |                   |                            |                  |      |    |
| Method Construction ID:                             |                   | 961534771                  |                  |      |    |
| Method Construction Code:                           |                   |                            |                  |      |    |
| Method Construction:                                |                   |                            |                  |      |    |
| Other Method Construction:                          |                   |                            |                  |      |    |
| <b><u>Pipe Information</u></b>                      |                   |                            |                  |      |    |
| Pipe ID:  |                   | 11181042                   |                  |      |    |
| Casing No:  |                   | 1                          |                  |      |    |
| Comment:  |                   |                            |                  |      |    |
| Alt Name:   |                   |                            |                  |      |    |

|                      |   |           |              |                    |                 |
|----------------------|---|-----------|--------------|--------------------|-----------------|
| <a href="#">31</a>   | 1 of 1  | ENE/173.7 | 83.0 / -5.92 | lot 19 con A<br>ON | WWIS            |
| Well ID:             | 1513688   |           |              | Flowing (Y/N):     |                 |
| Construction Date:   |   |           |              | Flow Rate:         |                 |
| Use 1st:             | Livestock   |           |              | Data Entry Status: |                 |
| Use 2nd:             | 0   |           |              | Data Src:          | 1               |
| Final Well Status:   | Water Supply  |           |              | Date Received:     | 01/14/1974      |
| Water Type:          |   |           |              | Selected Flag:     | TRUE            |
| Casing Material:     |   |           |              | Abandonment Rec:   |                 |
| Audit No:            |   |           |              | Contractor:        | 3504            |
| Tag:                 |   |           |              | Form Version:      | 1               |
| Constructn Method:   |   |           |              | Owner:             |                 |
| Elevation (m):       |   |           |              | County:            | OTTAWA-CARLETON |
| Elevatn Reliability: |   |           |              | Lot:               | 019             |
| Depth to Bedrock:    |   |           |              | Concession:        | A               |
| Well Depth:          |   |           |              | Concession Name:   | RF              |
| Overburden/Bedrock:  |   |           |              | Easting NAD83:     |                 |
| Pump Rate:           |   |           |              | Northing NAD83:    |                 |
| Static Water Level:  |   |           |              | Zone:              |                 |
| Clear/Cloudy:        |   |           |              | UTM Reliability:   |                 |
| Municipality:        | NEPEAN TOWNSHIP   |           |              |                    |                 |
| Site Info:           |   |           |              |                    |                 |
| PDF URL (Map):       | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513688.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513688.pdf</a> |           |              |                    |                 |

**Additional Detail(s) (Map)**

|                      |                    |
|----------------------|--------------------|
| Well Completed Date: | 11/28/1973         |
| Year Completed:      | 1973               |
| Depth (m):           | 24.9936            |
| Latitude:            | 45.3004357378502   |
| Longitude:           | -75.7041157998085  |
| X:                   | -75.70411563828195 |
| Y:                   | 45.3004357309786   |
| Path:                | 151\1513688.pdf    |

**Bore Hole Information**

|                 |          |            |           |
|-----------------|----------|------------|-----------|
| Bore Hole ID:   | 10035670 | Elevation: |           |
| DP2BR:          |          | Elevrc:    |           |
| Spatial Status: |          | Zone:      | 18        |
| Code OB:        |          | East83:    | 444795.70 |

| Map Key                             | Number of Records | Direction/<br>Distance (m)                                      | Elev/Diff<br>(m) | Site                    | DB                             |
|-------------------------------------|-------------------|---|------------------|-------------------------|--------------------------------|
| <b>Code OB Desc:</b>                |                   |   |                  | <b>North83:</b>         | 5016567.00                     |
| <b>Open Hole:</b>                   |                   |   |                  | <b>Org CS:</b>          |                                |
| <b>Cluster Kind:</b>                |                   |   |                  | <b>UTMRC:</b>           | 6                              |
| <b>Date Completed:</b>              | 11/28/1973        |   |                  | <b>UTMRC Desc:</b>      | margin of error : 300 m - 1 km |
| <b>Remarks:</b>                     |                   |   |                  | <b>Location Method:</b> | p6                             |
| <b>Location Method Desc:</b>        |                   | Original Pre1985 UTM Rel Code 6: margin of error : 300 m - 1 km |                  |                         |                                |
| <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:** 931024189  
**Layer:** 3  
**Color:**  
**General Color:**  
**Material 1:** 26  
**Material 1 Desc:** ROCK  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 68.0  
**Formation End Depth:** 82.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931024187  
**Layer:** 1  
**Color:**  
**General Color:**  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 61.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931024188  
**Layer:** 2  
**Color:**  
**General Color:**  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 61.0  
**Formation End Depth:** 68.0  
**Formation End Depth UOM:** ft



| <i>Map Key</i>   | <i>Number of Records</i> | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i> | <i>DB</i> |
|--|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                |                      |             |           |
| <b>Plug ID:</b>  |                          | 933108808                      |                      |             |           |
| <b>Layer:</b>  |                          | 1                              |                      |             |           |
| <b>Plug From:</b>                                      |                          | 11.0                           |                      |             |           |
| <b>Plug To:</b>  |                          | 14.0                           |                      |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | ft                             |                      |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                |                      |             |           |
| <b>Method Construction ID:</b>                         |                          | 961513688                      |                      |             |           |
| <b>Method Construction Code:</b>                       |                          | 1                              |                      |             |           |
| <b>Method Construction:</b>                            |                          | Cable Tool                     |                      |             |           |
| <b>Other Method Construction:</b>                      |                          |                                |                      |             |           |
| <b><u>Pipe Information</u></b>                         |                          |                                |                      |             |           |
| <b>Pipe ID:</b>  |                          | 10584240                       |                      |             |           |
| <b>Casing No:</b>                                      |                          | 1                              |                      |             |           |
| <b>Comment:</b>  |                          |                                |                      |             |           |
| <b>Alt Name:</b>                                       |                          |                                |                      |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                |                      |             |           |
| <b>Casing ID:</b>                                      |                          | 930063091                      |                      |             |           |
| <b>Layer:</b>  |                          | 1                              |                      |             |           |
| <b>Material:</b>                                       |                          | 1                              |                      |             |           |
| <b>Open Hole or Material:</b>                          |                          | STEEL                          |                      |             |           |
| <b>Depth From:</b>                                     |                          |                                |                      |             |           |
| <b>Depth To:</b>                                       |                          | 69.0                           |                      |             |           |
| <b>Casing Diameter:</b>                                |                          | 6.0                            |                      |             |           |
| <b>Casing Diameter UOM:</b>                            |                          | inch                           |                      |             |           |
| <b>Casing Depth UOM:</b>                               |                          | ft                             |                      |             |           |
| <b><u>Results of Well Yield Testing</u></b>            |                          |                                |                      |             |           |
| <b>Pumping Test Method Desc:</b>                       |                          | BAILER                         |                      |             |           |
| <b>Pump Test ID:</b>                                   |                          | 991513688                      |                      |             |           |
| <b>Pump Set At:</b>                                    |                          |                                |                      |             |           |
| <b>Static Level:</b>                                   |                          | 27.0                           |                      |             |           |
| <b>Final Level After Pumping:</b>                      |                          | 32.0                           |                      |             |           |
| <b>Recommended Pump Depth:</b>                         |                          | 50.0                           |                      |             |           |
| <b>Pumping Rate:</b>                                   |                          | 15.0                           |                      |             |           |
| <b>Flowing Rate:</b>                                   |                          |                                |                      |             |           |
| <b>Recommended Pump Rate:</b>                          |                          | 10.0                           |                      |             |           |
| <b>Levels UOM:</b>                                     |                          | ft                             |                      |             |           |
| <b>Rate UOM:</b>                                       |                          | GPM                            |                      |             |           |
| <b>Water State After Test Code:</b>                    |                          | 2                              |                      |             |           |
| <b>Water State After Test:</b>                         |                          | CLOUDY                         |                      |             |           |
| <b>Pumping Test Method:</b>                            |                          | 2                              |                      |             |           |
| <b>Pumping Duration HR:</b>                            |                          | 1                              |                      |             |           |
| <b>Pumping Duration MIN:</b>                           |                          | 0                              |                      |             |           |
| <b>Flowing:</b>  |                          | No                             |                      |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>                 |                          |                                |                      |             |           |
| <b>Pump Test Detail ID:</b>                            |                          | 934099477                      |                      |             |           |
| <b>Test Type:</b>                                      |                          | Recovery                       |                      |             |           |

| Map Key                                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|--|-------------------|----------------------------|------------------|------|----|
| <b>Test Duration:</b>                  |                   | 15                         |                  |      |    |
| <b>Test Level:</b>                     |                   | 27.0                       |                  |      |    |
| <b>Test Level UOM:</b>                 |                   | ft                         |                  |      |    |
| <b><u>Draw Down &amp; Recovery</u></b> |                   |                            |                  |      |    |
| <b>Pump Test Detail ID:</b>            |                   | 934898183                  |                  |      |    |
| <b>Test Type:</b>                      |                   | Recovery                   |                  |      |    |
| <b>Test Duration:</b>                  |                   | 60                         |                  |      |    |
| <b>Test Level:</b>                     |                   | 27.0                       |                  |      |    |
| <b>Test Level UOM:</b>                 |                   | ft                         |                  |      |    |
| <b><u>Draw Down &amp; Recovery</u></b> |                   |                            |                  |      |    |
| <b>Pump Test Detail ID:</b>            |                   | 934379716                  |                  |      |    |
| <b>Test Type:</b>                      |                   | Recovery                   |                  |      |    |
| <b>Test Duration:</b>                  |                   | 30                         |                  |      |    |
| <b>Test Level:</b>                     |                   | 27.0                       |                  |      |    |
| <b>Test Level UOM:</b>                 |                   | ft                         |                  |      |    |
| <b><u>Draw Down &amp; Recovery</u></b> |                   |                            |                  |      |    |
| <b>Pump Test Detail ID:</b>            |                   | 934640709                  |                  |      |    |
| <b>Test Type:</b>                      |                   | Recovery                   |                  |      |    |
| <b>Test Duration:</b>                  |                   | 45                         |                  |      |    |
| <b>Test Level:</b>                     |                   | 27.0                       |                  |      |    |
| <b>Test Level UOM:</b>                 |                   | ft                         |                  |      |    |
| <b><u>Water Details</u></b>            |                   |                            |                  |      |    |
| <b>Water ID:</b>                       |                   | 933469352                  |                  |      |    |
| <b>Layer:</b>                          |                   | 1                          |                  |      |    |
| <b>Kind Code:</b>                      |                   | 1                          |                  |      |    |
| <b>Kind:</b>                           |                   | FRESH                      |                  |      |    |
| <b>Water Found Depth:</b>              |                   | 78.0                       |                  |      |    |
| <b>Water Found Depth UOM:</b>          |                   | ft                         |                  |      |    |
| <b><u>Water Details</u></b>            |                   |                            |                  |      |    |
| <b>Water ID:</b>                       |                   | 933469353                  |                  |      |    |
| <b>Layer:</b>                          |                   | 2                          |                  |      |    |
| <b>Kind Code:</b>                      |                   | 5                          |                  |      |    |
| <b>Kind:</b>                           |                   | Not stated                 |                  |      |    |
| <b>Water Found Depth:</b>              |                   | 82.0                       |                  |      |    |
| <b>Water Found Depth UOM:</b>          |                   | ft                         |                  |      |    |

[32](#)

1 of 1

E/194.5

82.9 / -5.95

lot 18 con A  
ON

WWIS

|                            |              |                           |                 |
|----------------------------|--------------|---------------------------|-----------------|
| <b>Well ID:</b>            | 1515468      | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |              | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            | Domestic     | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>            | 0            | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>  | Water Supply | <b>Date Received:</b>     | 07/08/1976      |
| <b>Water Type:</b>         |              | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |              | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           |              | <b>Contractor:</b>        | 3644            |
| <b>Tag:</b>                |              | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>  |              | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |              | <b>Lot:</b>               | 018             |

| Map Key             | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site             | DB |
|---------------------|-------------------|----------------------------|------------------|------------------|----|
| Depth to Bedrock:   |                   |                            |                  | Concession:      | A  |
| Well Depth:         |                   |                            |                  | Concession Name: | RF |
| Overburden/Bedrock: |                   |                            |                  | Easting NAD83:   |    |
| Pump Rate:          |                   |                            |                  | Northing NAD83:  |    |
| Static Water Level: |                   |                            |                  | Zone:            |    |
| Clear/Cloudy:       |                   |                            |                  | UTM Reliability: |    |
| Municipality:       |                   | NEPEAN TOWNSHIP            |                  |                  |    |
| Site Info:          |                   |                            |                  |                  |    |

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/151\1515468.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515468.pdf)

#### Additional Detail(s) (Map)

Well Completed Date: 06/22/1976  
Year Completed: 1976  
Depth (m): 25.6032  
Latitude: 45.2991242975551  
Longitude: -75.7036659163632  
X: -75.70366575416244  
Y: 45.29912429105317  
Path: 151\1515468.pdf

#### Bore Hole Information

Bore Hole ID: 10037415  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 06/22/1976  
Remarks:  
Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 18  
East83: 444829.70  
North83: 5016421.00  
Org CS:  
UTMRC: 4  
UTMRC Desc: margin of error : 30 m - 100 m  
Location Method: p4

#### Overburden and Bedrock

##### Materials Interval

Formation ID: 931029256  
Layer: 1  
Color: 2  
General Color: GREY  
Material 1: 05  
Material 1 Desc: CLAY  
Material 2:  
Material 2 Desc:  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 10.0  
Formation End Depth UOM: ft

#### Overburden and Bedrock

##### Materials Interval

Formation ID: 931029257

| <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>Layer:</b>                                   |                          | 2                                  |                          |             |           |
| <b>Color:</b>                                   |                          | 3                                  |                          |             |           |
| <b>General Color:</b>                           |                          | BLUE                               |                          |             |           |
| <b>Material 1:</b>                              |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>                              |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 10.0                               |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 61.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>            |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                          | 931029258                          |                          |             |           |
| <b>Layer:</b>                                   |                          | 3                                  |                          |             |           |
| <b>Color:</b>                                   |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                           |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>                              |                          | 15                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                          | LIMESTONE                          |                          |             |           |
| <b>Material 2:</b>                              |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 61.0                               |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 74.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>            |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                          | 931029259                          |                          |             |           |
| <b>Layer:</b>                                   |                          | 4                                  |                          |             |           |
| <b>Color:</b>                                   |                          | 1                                  |                          |             |           |
| <b>General Color:</b>                           |                          | WHITE                              |                          |             |           |
| <b>Material 1:</b>                              |                          | 18                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                          | SANDSTONE                          |                          |             |           |
| <b>Material 2:</b>                              |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 74.0                               |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 84.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well</u></b> |                          |                                    |                          |             |           |
| <b><u>Use</u></b>                               |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                  |                          | 961515468                          |                          |             |           |
| <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>                                 |                          | 10585985                           |                          |             |           |
| <b>Casing No:</b>                               |                          | 1                                  |                          |             |           |
| <b>Comment:</b>                                 |                          |                                    |                          |             |           |
| <b>Alt Name:</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>Construction Record - Casing</u></b>  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                          | 930066019                          |                          |             |           |
| <b>Layer:</b>                               |                          | 1                                  |                          |             |           |
| <b>Material:</b>                            |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                          |                          |                                    |                          |             |           |
| <b>Depth To:</b>                            |                          | 63.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                          | 6.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b> |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>            |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                        |                          | 991515468                          |                          |             |           |
| <b>Pump Set At:</b>                         |                          |                                    |                          |             |           |
| <b>Static Level:</b>                        |                          | 25.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>           |                          | 50.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>              |                          | 50.0                               |                          |             |           |
| <b>Pumping Rate:</b>                        |                          | 20.0                               |                          |             |           |
| <b>Flowing Rate:</b>                        |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>               |                          | 5.0                                |                          |             |           |
| <b>Levels UOM:</b>                          |                          | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                            |                          | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>         |                          | 2                                  |                          |             |           |
| <b>Water State After Test:</b>              |                          | CLOUDY                             |                          |             |           |
| <b>Pumping Test Method:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                |                          | 0                                  |                          |             |           |
| <b>Flowing:</b>                             |                          | No                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934100947                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 15                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 50.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934646886                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 45                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 50.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934377011                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 30                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 50.0                               |                          |             |           |
| <b>Test Level UOM:</b>                      |                          | ft                                 |                          |             |           |
| <b><u>Draw Down &amp; Recovery</u></b>      |                          |                                    |                          |             |           |
| <b>Pump Test Detail ID:</b>                 |                          | 934896011                          |                          |             |           |
| <b>Test Type:</b>                           |                          | Draw Down                          |                          |             |           |
| <b>Test Duration:</b>                       |                          | 60                                 |                          |             |           |
| <b>Test Level:</b>                          |                          | 50.0                               |                          |             |           |

| Map Key                       | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Test Level UOM:</b>        |                   | ft                         |                  |      |    |
| <b><u>Water Details</u></b>   |                   |                            |                  |      |    |
| <b>Water ID:</b>              |                   | 933471568                  |                  |      |    |
| <b>Layer:</b>                 |                   | 1                          |                  |      |    |
| <b>Kind Code:</b>             |                   | 1                          |                  |      |    |
| <b>Kind:</b>                  |                   | FRESH                      |                  |      |    |
| <b>Water Found Depth:</b>     |                   | 82.0                       |                  |      |    |
| <b>Water Found Depth UOM:</b> |                   | ft                         |                  |      |    |

|   |        |  |             |  |     |
|---|--------|--|-------------|--|-----|
| <a href="#">33</a>                          | 1 of 3 | SSE/248.2  | 90.0 / 1.08 | JDS Uniphase Inc.<br>15 Bill Leathem Drive Ottawa CITY OF OTTAWA<br>ON | EBR |
| <b>EBR Registry No:</b>                     |        | 010-0780   |             | <b>Decision Posted:</b>  |     |
| <b>Ministry Ref No:</b>                     |        | 1728-73PKJ5  |             | <b>Exception Posted:</b>   |     |
| <b>Notice Type:</b>                         |        | Instrument Decision  |             | <b>Section:</b>  |     |
| <b>Notice Stage:</b>                        |        |  |             | <b>Act 1:</b>  |     |
| <b>Notice Date:</b>                         |        | November 13, 2007  |             | <b>Act 2:</b>  |     |
| <b>Proposal Date:</b>                       |        | June 08, 2007  |             | <b>Site Location Map:</b>  |     |
| <b>Year:</b>                                |        | 2007   |             |  |     |
| <b>Instrument Type:</b>                     |        | (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) |             |  |     |
| <b>Off Instrument Name:</b>                 |        |  |             |  |     |
| <b>Posted By:</b>                           |        |  |             |  |     |
| <b>Company Name:</b>                        |        | JDS Uniphase Inc.  |             |  |     |
| <b>Site Address:</b>                        |        |  |             |  |     |
| <b>Location Other:</b>                      |        |  |             |  |     |
| <b>Proponent Name:</b>                      |        |  |             |  |     |
| <b>Proponent Address:</b>                   |        | 300 Merivale Road, Ottawa Ontario, Canada K2G 5W8  |             |  |     |
| <b>Comment Period:</b>                      |        |  |             |  |     |
| <b>URL:</b>                                 |        |  |             |  |     |
| <b>Site Location Details:</b>               |        |  |             |  |     |
| 15 Bill Leathem Drive Ottawa CITY OF OTTAWA |        |  |             |  |     |

|                               |        |   |             |   |     |
|-------------------------------|--------|---|-------------|---|-----|
| <a href="#">33</a>            | 2 of 3 | SSE/248.2   | 90.0 / 1.08 | JDS Uniphase Inc.<br>15 Bill Leathem Drive Ottawa K2J 0P7 CITY OF<br>OTTAWA<br>ON | EBR |
| <b>EBR Registry No:</b>       |        | 011-3348  |             | <b>Decision Posted:</b>   |     |
| <b>Ministry Ref No:</b>       |        | 2549-8FFSEY   |             | <b>Exception Posted:</b>  |     |
| <b>Notice Type:</b>           |        | Instrument Decision   |             | <b>Section:</b>   |     |
| <b>Notice Stage:</b>          |        |   |             | <b>Act 1:</b>   |     |
| <b>Notice Date:</b>           |        | December 23, 2013   |             | <b>Act 2:</b>   |     |
| <b>Proposal Date:</b>         |        | April 26, 2011  |             | <b>Site Location Map:</b>   |     |
| <b>Year:</b>                  |        | 2011  |             |   |     |
| <b>Instrument Type:</b>       |        | (EPA Part II.1-air) - Environmental Compliance Approval (project type: air) |             |   |     |
| <b>Off Instrument Name:</b>   |        |   |             |   |     |
| <b>Posted By:</b>             |        |   |             |   |     |
| <b>Company Name:</b>          |        | JDS Uniphase Inc.   |             |   |     |
| <b>Site Address:</b>          |        |   |             |   |     |
| <b>Location Other:</b>        |        |   |             |   |     |
| <b>Proponent Name:</b>        |        |   |             |   |     |
| <b>Proponent Address:</b>     |        | 61 Bill Leathem Drive, Ottawa Ontario, Canada K2J 0P7                       |             |   |     |
| <b>Comment Period:</b>        |        |   |             |   |     |
| <b>URL:</b>                   |        |   |             |   |     |
| <b>Site Location Details:</b> |        |   |             |   |     |

| Map Key   | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB               |
|---|---|----------------------------|------------------|--|------------------|
| 15 Bill Leatham Drive Ottawa K2J 0P7 CITY OF OTTAWA |   |                            |                  |  |                  |
| <a href="#">33</a>                                  | 3 of 3  | SSE/248.2                  | 90.0 / 1.08      | JDS Uniphase Inc.<br>15 Bill Leatham Dr<br>Ottawa ON K2G 5W8                           | ECA              |
| <b>Approval No:</b>                                 | 9682-78NHMB   |                            |                  | <b>MOE District:</b>   |                  |
| <b>Approval Date:</b>                               | 2007-11-05  |                            |                  | <b>City:</b>   |                  |
| <b>Status:</b>                                      | Revoked and/or Replaced   |                            |                  | <b>Longitude:</b>  |                  |
| <b>Record Type:</b>                                 | ECA   |                            |                  | <b>Latitude:</b>   |                  |
| <b>Link Source:</b>                                 | IDS   |                            |                  | <b>Geometry X:</b>   |                  |
| <b>SWP Area Name:</b>                               |   |                            |                  | <b>Geometry Y:</b>   |                  |
| <b>Approval Type:</b>                               | ECA-AIR   |                            |                  |  |                  |
| <b>Project Type:</b>                                | AIR   |                            |                  |  |                  |
| <b>Business Name:</b>                               | JDS Uniphase Inc.   |                            |                  |  |                  |
| <b>Address:</b>                                     | 15 Bill Leatham Dr  |                            |                  |  |                  |
| <b>Full Address:</b>                                |   |                            |                  |  |                  |
| <b>Full PDF Link:</b>                               | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1728-73PKJ5-13.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1728-73PKJ5-13.pdf</a> |                            |                  |  |                  |
| <b>PDF Site Location:</b>                           |   |                            |                  |  |                  |
| <a href="#">34</a>                                  | 1 of 7  | ESE/269.7                  | 84.9 / -4.00     | PUBLIC WORKS GOVERNMENT SERVICES<br>CANADA<br>73 LEIKIN DR SUITE M1-0-911<br>OTTAWA ON | CFOT             |
| <b>Inventory No:</b>                                | 64713706  |                            |                  | <b>Tank Material:</b>  | Fiberglass (FRP) |
| <b>Inventory Status:</b>                            | Active  |                            |                  | <b>Corrosion Protect:</b>  |                  |
| <b>Installation Year:</b>                           | 2012  |                            |                  | <b>Overfill Protection:</b>  |                  |
| <b>Capacity:</b>                                    | 5000  |                            |                  | <b>Inventory Context:</b>  | FS Fuel Oil Tank |
| <b>Capacity Unit:</b>                               |   |                            |                  | <b>Inventory Item:</b>   | FS FUEL OIL TANK |
| <b>Tank Type:</b>                                   |   |                            |                  |  |                  |
| <b>Manufacturer:</b>                                |   |                            |                  |  |                  |
| <b>Model:</b>                                       | P40DW   |                            |                  |  |                  |
| <b>Description:</b>                                 |   |                            |                  |  |                  |
| <a href="#">34</a>                                  | 2 of 7  | ESE/269.7                  | 84.9 / -4.00     | Royal Canadian Mounted Police<br>73 Leikin Drive<br>Ottawa ON K1A 0R2                  | GEN              |
| <b>Generator No:</b>                                | ON9360242   |                            |                  |  |                  |
| <b>SIC Code:</b>                                    |   |                            |                  |  |                  |
| <b>SIC Description:</b>                             |   |                            |                  |  |                  |
| <b>Approval Years:</b>                              | As of Oct 2022  |                            |                  |  |                  |
| <b>PO Box No:</b>                                   |   |                            |                  |  |                  |
| <b>Country:</b>                                     | Canada  |                            |                  |  |                  |
| <b>Status:</b>                                      | Registered  |                            |                  |  |                  |
| <b>Co Admin:</b>                                    |   |                            |                  |  |                  |
| <b>Choice of Contact:</b>                           |   |                            |                  |  |                  |
| <b>Phone No Admin:</b>                              |   |                            |                  |  |                  |
| <b>Contaminated Facility:</b>                       |   |                            |                  |  |                  |
| <b>MHSW Facility:</b>                               |   |                            |                  |  |                  |
| <b>Detail(s)</b>                                    |   |                            |                  |  |                  |
| <b>Waste Class:</b>                                 | 312 P   |                            |                  |  |                  |
| <b>Waste Class Name:</b>                            | PATHOLOGICAL WASTES   |                            |                  |  |                  |

| Map Key                                | Number of Records   | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                       | DB                   |
|--|---|----------------------------|------------------|----------------------------|----------------------|
| <a href="#">34</a>                     | 3 of 7  | ESE/269.7                  | 84.9 / -4.00     | 73 Leikin<br>Ottawa ON     | FRST                 |
| <b>Tank System ID:</b>                 | 54662   |                            |                  | <b>Tank Sys Prov F:</b>    | Ontario              |
| <b>EC No:</b>                          | 25808   |                            |                  | <b>Tank Sys PO BOX:</b>    |                      |
| <b>Internal No:</b>                    |   |                            |                  | <b>Tank Sys Postal Cd:</b> |                      |
| <b>Is Perm Withdrwl:</b>               | FALSE   |                            |                  | <b>Sys Record City:</b>    |                      |
| <b>Removed Date:</b>                   |   |                            |                  | <b>Sys Record Prov E:</b>  |                      |
| <b>Withdrawn Date:</b>                 |   |                            |                  | <b>Sys Record Prov F:</b>  |                      |
| <b>Temp Withdrawn Dt:</b>              |   |                            |                  | <b>Sys Record PO BOX:</b>  |                      |
| <b>Tank Use E:</b>                     | Power Generation  |                            |                  | <b>Sys Rec Postal Cd:</b>  |                      |
| <b>Tank Use F:</b>                     | Production d'énergie  |                            |                  | <b>System Rec Same as:</b> | TRUE                 |
| <b>Year of Manufact:</b>               | 01-Jan-2012 00:00:00  |                            |                  | <b>Location Latitude:</b>  |                      |
| <b>Emerg Plan Same as:</b>             | TRUE  |                            |                  | <b>Location Longitude:</b> |                      |
| <b>Operator Contact:</b>               |   |                            |                  | <b>Creation Date:</b>      | 04-Sep-2012 00:00:00 |
| <b>Owner Contact:</b>                  |   |                            |                  | <b>Creation By:</b>        | Alexandra Hallman    |
| <b>Tank System City:</b>               | Ottawa  |                            |                  | <b>Modified Date:</b>      | 12-Aug-2020 00:00:00 |
| <b>Tank Sys Prov E:</b>                | Ontario   |                            |                  | <b>Modified By:</b>        |                      |
| <b>Tank Use:</b>                       | Emergency generator   |                            |                  |                            |                      |
| <b>Tank Manufacturer:</b>              | Convault  |                            |                  |                            |                      |
| <b>Tank System Address:</b>            | 73 Leikin   |                            |                  |                            |                      |
| <b>Sys Record Address:</b>             |   |                            |                  |                            |                      |
| <b>System Descr:</b>                   | Tank system consists of 3 tanks: one outdoors AST and two day tanks, located at 73 Leikin Drive, Ottawa (RCMP). |                            |                  |                            |                      |
| <b>Certification System Installer:</b> |   |                            |                  |                            |                      |
| <b>Certification System Remover:</b>   |   |                            |                  |                            |                      |
| <b>Group Name:</b>                     |   |                            |                  |                            |                      |
| <b>Master Group Name:</b>              |   |                            |                  |                            |                      |
| <b>Owner Email:</b>                    |   |                            |                  |                            |                      |
| <b>Operator Email:</b>                 |   |                            |                  |                            |                      |
| <b>Land Owner E:</b>                   | Federal entity under Financial Administration Act   |                            |                  |                            |                      |
| <b>Land Owner F:</b>                   | Entité fédérale sous la loi sur la gestion des finances publiques   |                            |                  |                            |                      |

#### Service Months

|                          |           |
|--------------------------|-----------|
| <b>Service Months E:</b> | January   |
| <b>Service Months F:</b> | Janvier   |
| <b>Service Months E:</b> | February  |
| <b>Service Months F:</b> | Février   |
| <b>Service Months E:</b> | October   |
| <b>Service Months F:</b> | Octobre   |
| <b>Service Months E:</b> | August    |
| <b>Service Months F:</b> | Août      |
| <b>Service Months E:</b> | May       |
| <b>Service Months F:</b> | Mai       |
| <b>Service Months E:</b> | November  |
| <b>Service Months F:</b> | Novembre  |
| <b>Service Months E:</b> | December  |
| <b>Service Months F:</b> | Décembre  |
| <b>Service Months E:</b> | September |
| <b>Service Months F:</b> | Septembre |
| <b>Service Months E:</b> | March     |
| <b>Service Months F:</b> | Mars      |
| <b>Service Months E:</b> | July      |
| <b>Service Months F:</b> | Juillet   |
| <b>Service Months E:</b> | June      |



| <b>Map Key</b>           | <b>Number of Records</b> | <b>Direction/ Distance (m)</b> | <b>Elev/Diff (m)</b> | <b>Site</b> | <b>DB</b> |
|--------------------------|--------------------------|--------------------------------|----------------------|-------------|-----------|
| <b>Service Months F:</b> |                          | Jun                            |                      |             |           |
| <b>Service Months E:</b> |                          | April                          |                      |             |           |
| <b>Service Months F:</b> |                          | Avril                          |                      |             |           |

**Tanks Details**

|                                      |                                     |                           |                            |
|--------------------------------------|-------------------------------------|---------------------------|----------------------------|
| <b>Tank ID:</b>                      | 90470                               | <b>Dt Wthdrwn Piping:</b> |                            |
| <b>Tank Capacity:</b>                | 454                                 | <b>Date Remvd Piping:</b> |                            |
| <b>Tank Type E:</b>                  | Aboveground                         | <b>Tk Type of Pump E:</b> | No oil-water separator     |
| <b>Tank Type F:</b>                  | Hors sol                            | <b>Tk Type of Pump F:</b> | Aucun Séparateur huile-eau |
| <b>Date of Install:</b>              | 2010                                | <b>Piping Type E:</b>     | Aboveground                |
| <b>Date Withdrawn Tk:</b>            |                                     | <b>Piping Type F:</b>     | Hors sol                   |
| <b>Date Removed Tank:</b>            |                                     | <b>Piping Diam Unit:</b>  | mm                         |
| <b>Tank Desc:</b>                    | Day tank #1                         |                           |                            |
| <b>Tank Stdd No E:</b>               | ULC-S601                            |                           |                            |
| <b>Tank Std No F:</b>                | ULC-S601                            |                           |                            |
| <b>Tank Std No Other:</b>            |                                     |                           |                            |
| <b>Tank Constr Material E:</b>       | Steel                               |                           |                            |
| <b>Tank Constr Material F:</b>       | Acier                               |                           |                            |
| <b>Tank Constr Material Other:</b>   |                                     |                           |                            |
| <b>Internal No:</b>                  |                                     |                           |                            |
| <b>Tank Content E:</b>               | Diesel                              |                           |                            |
| <b>Tank Content F:</b>               | Diesel                              |                           |                            |
| <b>Tank Content Other:</b>           |                                     |                           |                            |
| <b>Piping Diameter:</b>              | 25-150                              |                           |                            |
| <b>Spill Containment E:</b>          | None                                |                           |                            |
| <b>Spill Containment F:</b>          | Aucun                               |                           |                            |
| <b>Spill Containment Other:</b>      |                                     |                           |                            |
| <b>Product Transfer Area:</b>        | Not applicable due to configuration |                           |                            |
| <b>Date Wthdrwn Other Component:</b> |                                     |                           |                            |
| <b>Date Removed Other Component:</b> |                                     |                           |                            |

**Piping Construction Materials**

|                     |            |
|---------------------|------------|
| <b>Component E:</b> | Black Iron |
| <b>Component F:</b> | Fer noir   |
| <b>Other:</b>       |            |

**Piping Secondary Containment**

|                     |       |
|---------------------|-------|
| <b>Tank ID:</b>     | 90470 |
| <b>Component E:</b> | None  |
| <b>Component F:</b> | Aucun |
| <b>Other:</b>       |       |

**Tank Corrosion Protection**

|                     |          |
|---------------------|----------|
| <b>Component E:</b> | Painted  |
| <b>Component F:</b> | Peinturé |
| <b>Other:</b>       |          |

**Piping Corrosion Protection**

|                     |        |
|---------------------|--------|
| <b>Component E:</b> | None   |
| <b>Component F:</b> | Aucune |
| <b>Other:</b>       |        |

**Tank Leak Detection**

| <i>Map Key</i>  | <i>Number of Records</i>  | <i>Direction/ Distance (m)</i> | <i>Elev/Diff (m)</i> | <i>Site</i>   | <i>DB</i>                  |
|---|---|--------------------------------|----------------------|---|----------------------------|
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b>                   |   |                                |                      | Interstitial monitoring – double walled tank<br>Surveillance interstitielle- réservoir à double paroi |                            |
| <b><u>Piping Leak Detection</u></b>   |   |                                |                      |   |                            |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b>                   |   |                                |                      | Visual inspection<br>Inspection visuelle  |                            |
| <b><u>Sump Leak Detection</u></b>   |   |                                |                      |   |                            |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b>                   |   |                                |                      | No sump for storage tank system<br>Aucun puisard pour le système de stockage                          |                            |
| <b><u>Tank Secondary Containment</u></b>                                      |   |                                |                      |   |                            |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b>                   |   |                                |                      | Double Walled<br>Double paroi   |                            |
| <b><u>Tank Overflow Protection</u></b>  |   |                                |                      |   |                            |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b>                   |   |                                |                      | Overfill ball float valve<br>Dispositif antidébordement à bille flottante                             |                            |
| <b><u>Tanks Details</u></b>   |   |                                |                      |   |                            |
| <b>Tank ID:</b>   | 90469   |                                |                      | <b>Dt Withdrwn Piping:</b>  |                            |
| <b>Tank Capacity:</b>   | 13000   |                                |                      | <b>Date Remvd Piping:</b>   |                            |
| <b>Tank Type E:</b>   | Aboveground   |                                |                      | <b>Tk Type of Pump E:</b>   | No oil-water separator     |
| <b>Tank Type F:</b>   | Hors sol  |                                |                      | <b>Tk Type of Pump F:</b>   | Aucun Séparateur huile-eau |
| <b>Date of Install:</b>   | 2012  |                                |                      | <b>Piping Type E:</b>   | Aboveground                |
| <b>Date Withdrawn Tk:</b>   |   |                                |                      | <b>Piping Type F:</b>   | Hors sol                   |
| <b>Date Removed Tank:</b>   |   |                                |                      | <b>Piping Diam Unit:</b>  | mm                         |
| <b>Tank Desc:</b>   | Main tank - aboveground, concrete encased, north side of building, in a fenced off area.  |                                |                      |   |                            |
| <b>Tank Stdd No E:</b>  | ULC-S655  |                                |                      |   |                            |
| <b>Tank Std No F:</b>   | ULC-S655  |                                |                      |   |                            |
| <b>Tank Std No Other:</b>   |   |                                |                      |   |                            |
| <b>Tank Constr Material E:</b>  | Concrete-encased steel  |                                |                      |   |                            |
| <b>Tank Constr Material F:</b>  | Acier revêtu de béton   |                                |                      |   |                            |
| <b>Tank Constr Material Other:</b>  |   |                                |                      |   |                            |
| <b>Internal No:</b>   |   |                                |                      |   |                            |
| <b>Tank Content E:</b>  | Diesel  |                                |                      |   |                            |
| <b>Tank Content F:</b>  | Diesel  |                                |                      |   |                            |
| <b>Tank Content Other:</b>  |   |                                |                      |   |                            |
| <b>Piping Diameter:</b>   | 25-150  |                                |                      |   |                            |
| <b>Spill Containment E:</b>   | Devices for Aboveground Tanks (ORD-C142.19)   |                                |                      |   |                            |
| <b>Spill Containment F:</b>   | Réservoir hors sol (ORD-C142.19)  |                                |                      |   |                            |
| <b>Spill Containment Other:</b>   |   |                                |                      |   |                            |
| <b>Product Transfer Area:</b>   | Located on concrete pad with fill&vent line over concrete berm area leading to asphalt drive Ground cover is gravel,pavement&lawn PTA solution for STS uses permanent&temporary measures installed when fuel delivered Spill kit moved to PTA from M1 fenced area Manhole nearby covered with drain cover Secondary containment perm installed under fill port&truck hose Personnel in attendance during refuel follow site specific fuel transfer SOP STS has spill containment device&overfill alarm&auto shutoff |                                |                      |   |                            |
| <b>Date Withdrwn Other Component:</b><br><b>Date Removed Other Component:</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>Piping Construction Materials</u></b> |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Black Iron  |                          |             |           |
| <b>Component F:</b>                         |                          | Fer noir  |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Piping Secondary Containment</u></b>  |                          |   |                          |             |           |
| <b>Tank ID:</b>                             |                          | 90469   |                          |             |           |
| <b>Component E:</b>                         |                          | None  |                          |             |           |
| <b>Component F:</b>                         |                          | Aucun   |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Tank Corrosion Protection</u></b>     |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Non-corroding material                                |                          |             |           |
| <b>Component F:</b>                         |                          | Matériel non-corrosif                                 |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Piping Corrosion Protection</u></b>   |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Painted   |                          |             |           |
| <b>Component F:</b>                         |                          | Peinturé  |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Tank Leak Detection</u></b>           |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Interstitial monitoring – double walled tank          |                          |             |           |
| <b>Component F:</b>                         |                          | Surveillance interstitielle- réservoir à double paroi |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Tank Leak Detection</u></b>           |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Automatic tank gauging                                |                          |             |           |
| <b>Component F:</b>                         |                          | Jaugeage automatique                                  |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Piping Leak Detection</u></b>         |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Visual inspection                                     |                          |             |           |
| <b>Component F:</b>                         |                          | Inspection visuelle                                   |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Sump Leak Detection</u></b>           |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | No sump for storage tank system                       |                          |             |           |
| <b>Component F:</b>                         |                          | Aucun puisard pour le système de stockage             |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Tank Secondary Containment</u></b>    |                          |   |                          |             |           |
| <b>Component E:</b>                         |                          | Concrete-encased steel assembly                       |                          |             |           |
| <b>Component F:</b>                         |                          | Réservoir en acier revêtu de béton                    |                          |             |           |
| <b>Other:</b>                               |                          |   |                          |             |           |
| <b><u>Tank Overflow Protection</u></b>      |                          |   |                          |             |           |

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

**Component E:** Overfill alarm and overfill automatic shutoff  
**Component F:** Alarme anti-débordement et dispositif d'arrêt automatique anti-débordement  
**Other:**

**Tank Overflow Protection**

**Component E:** Method – trained personnel in attendance at all times  
**Component F:** Méthode - Personels qualifiés présents en tout temps  
**Other:**

**Tanks Details**

|                                      |                                     |                           |                            |
|--------------------------------------|-------------------------------------|---------------------------|----------------------------|
| <b>Tank ID:</b>                      | 90471                               | <b>Dt Wthdrwn Piping:</b> |                            |
| <b>Tank Capacity:</b>                | 454                                 | <b>Date Remvd Piping:</b> |                            |
| <b>Tank Type E:</b>                  | Aboveground                         | <b>Tk Type of Pump E:</b> | No oil-water separator     |
| <b>Tank Type F:</b>                  | Hors sol                            | <b>Tk Type of Pump F:</b> | Aucun Séparateur huile-eau |
| <b>Date of Install:</b>              | 2010                                | <b>Piping Type E:</b>     | Aboveground                |
| <b>Date Withdrawn Tk:</b>            |                                     | <b>Piping Type F:</b>     | Hors sol                   |
| <b>Date Removed Tank:</b>            |                                     | <b>Piping Diam Unit:</b>  | mm                         |
| <b>Tank Desc:</b>                    | Day tank #3                         |                           |                            |
| <b>Tank Stdd No E:</b>               | ULC-S601                            |                           |                            |
| <b>Tank Std No F:</b>                | ULC-S601                            |                           |                            |
| <b>Tank Std No Other:</b>            |                                     |                           |                            |
| <b>Tank Constr Material E:</b>       | Steel                               |                           |                            |
| <b>Tank Constr Material F:</b>       | Acier                               |                           |                            |
| <b>Tank Constr Material Other:</b>   |                                     |                           |                            |
| <b>Internal No:</b>                  |                                     |                           |                            |
| <b>Tank Content E:</b>               | Diesel                              |                           |                            |
| <b>Tank Content F:</b>               | Diesel                              |                           |                            |
| <b>Tank Content Other:</b>           |                                     |                           |                            |
| <b>Piping Diameter:</b>              | 25-150                              |                           |                            |
| <b>Spill Containment E:</b>          | None                                |                           |                            |
| <b>Spill Containment F:</b>          | Aucun                               |                           |                            |
| <b>Spill Containment Other:</b>      |                                     |                           |                            |
| <b>Product Transfer Area:</b>        | Not applicable due to configuration |                           |                            |
| <b>Date Wthdrwn Other Component:</b> |                                     |                           |                            |
| <b>Date Removed Other Component:</b> |                                     |                           |                            |

**Piping Construction Materials**

**Component E:** Black Iron  
**Component F:** Fer noir  
**Other:**

**Piping Secondary Containment**

**Tank ID:** 90471  
**Component E:** None  
**Component F:** Aucun  
**Other:**

**Tank Corrosion Protection**

**Component E:** Painted  
**Component F:** Peinturé  
**Other:**

**Piping Corrosion Protection**

| <i>Map Key</i>  | <i>Number of Records</i>  | <i>Direction/ Distance (m)</i>  | <i>Elev/Diff (m)</i> | <i>Site</i>                          | <i>DB</i>            |
|---|---|---|----------------------|--------------------------------------|----------------------|
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | None<br>Aucune  |                      |                                      |                      |
| <b><u>Tank Leak Detection</u></b>                           |   |   |                      |                                      |                      |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | Interstitial monitoring – double walled tank<br>Surveillance interstitielle- réservoir à double paroi |                      |                                      |                      |
| <b><u>Piping Leak Detection</u></b>                         |   |   |                      |                                      |                      |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | Visual inspection<br>Inspection visuelle  |                      |                                      |                      |
| <b><u>Sump Leak Detection</u></b>                           |   |   |                      |                                      |                      |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | No sump for storage tank system<br>Aucun puisard pour le système de stockage                          |                      |                                      |                      |
| <b><u>Tank Secondary Containment</u></b>                    |   |   |                      |                                      |                      |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | Double Walled<br>Double paroi   |                      |                                      |                      |
| <b><u>Tank Overflow Protection</u></b>                      |   |   |                      |                                      |                      |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |   | Overfill ball float valve<br>Dispositif antidébordement à bille flottante                             |                      |                                      |                      |
| <b>34</b>   | <b>4 of 7</b>   | <b>ESE/269.7</b>  | <b>84.9 / -4.00</b>  | <b>73 Leikin Drive<br/>Ottawa ON</b> | <b>FRST</b>          |
| <b>Tank System ID:</b>                                      | 54026   |   |                      | <b>Tank Sys Prov F:</b>              | Ontario              |
| <b>EC No:</b>   | 19722   |   |                      | <b>Tank Sys PO BOX:</b>              |                      |
| <b>Internal No:</b>   | 03-N-000-144-01   |   |                      | <b>Tank Sys Postal Cd:</b>           |                      |
| <b>Is Perm Withdrwl:</b>                                    | FALSE   |   |                      | <b>Sys Record City:</b>              |                      |
| <b>Removed Date:</b>  |   |   |                      | <b>Sys Record Prov E:</b>            |                      |
| <b>Withdrawn Date:</b>                                      |   |   |                      | <b>Sys Record Prov F:</b>            |                      |
| <b>Temp Withdrawn Dt:</b>                                   |   |   |                      | <b>Sys Record PO BOX:</b>            |                      |
| <b>Tank Use E:</b>  | Power Generation  |   |                      | <b>Sys Rec Postal Cd:</b>            |                      |
| <b>Tank Use F:</b>  | Production d'énergie  |   |                      | <b>System Rec Same as:</b>           | TRUE                 |
| <b>Year of Manufact:</b>                                    | 01-Jan-2009 00:00:00  |   |                      | <b>Location Latitude:</b>            |                      |
| <b>Emerg Plan Same as:</b>                                  | TRUE  |   |                      | <b>Location Longitude:</b>           |                      |
| <b>Operator Contact:</b>                                    |   |   |                      | <b>Creation Date:</b>                | 16-Jun-2011 00:00:00 |
| <b>Owner Contact:</b>                                       |   |   |                      | <b>Creation By:</b>                  | Tina Butter          |
| <b>Tank System City:</b>                                    | Ottawa  |   |                      | <b>Modified Date:</b>                | 02-Mar-2020 00:00:00 |
| <b>Tank Sys Prov E:</b>                                     | Ontario   |   |                      | <b>Modified By:</b>                  |                      |
| <b>Tank Use:</b>  | Supply generator  |   |                      |                                      |                      |
| <b>Tank Manufacturer:</b>                                   | Main tank -Core Engineering Solutions Day tank - DTE Industries Ltd   |   |                      |                                      |                      |
| <b>Tank System Address:</b>                                 | 73 Leikin Drive   |   |                      |                                      |                      |
| <b>Sys Record Address:</b>                                  |   |   |                      |                                      |                      |
| <b>System Descr:</b>  | ON-Ottawa 73 Leikin Drive; 8735 L total capacity; diesel; tank #1 concrete encased aboveground storage tank; 7600 L capacity; tank #2 aboveground storage tank on roof; 1135 L capacity |   |                      |                                      |                      |
| <b>Certification System Installer:</b>                      |   |   |                      |                                      |                      |
| <b>Certification System Remover:</b>                        |   |   |                      |                                      |                      |

**Group Name:**

**Master Group Name:**

**Owner Email:**

**Operator Email:**

**Land Owner E:**

**Land Owner F:**

Federal entity under Financial Administration Act  
Entité fédérale sous la loi sur la gestion des finances publiques

**Service Months**

**Service Months E:** February  
**Service Months F:** Février

**Service Months E:** September  
**Service Months F:** Septembre

**Service Months E:** November  
**Service Months F:** Novembre

**Service Months E:** January  
**Service Months F:** Janvier

**Service Months E:** August  
**Service Months F:** Août

**Service Months E:** December  
**Service Months F:** Décembre

**Service Months E:** May  
**Service Months F:** Mai

**Service Months E:** April  
**Service Months F:** Avril

**Service Months E:** October  
**Service Months F:** Octobre

**Service Months E:** March  
**Service Months F:** Mars

**Service Months E:** June  
**Service Months F:** Juin

**Service Months E:** July  
**Service Months F:** Juillet

**Tanks Details**

**Tank ID:** 89566

**Tank Capacity:** 8635

**Tank Type E:** Aboveground

**Tank Type F:** Hors sol

**Date of Install:** 2009

**Date Withdrawn Tk:**

**Date Removed Tank:**

**Tank Desc:** ON-Ottawa 73 Leikin Drive; 8735 L total capacity; diesel; tank #1 concrete encased aboveground storage tank; 7600 L capacity; tank #2 aboveground storage tank on roof; 1135 L capacity

**Tank Stdd No E:** ULC-S655

**Tank Std No F:** ULC-S655

**Tank Std No Other:**

**Tank Constr Material E:** Concrete-encased steel

**Tank Constr Material F:** Acier revêtu de béton

**Tank Constr Material Other:**

**Internal No:** 03-N-000-144-01

**Tank Content E:** Diesel

**Dt Withdrwn Piping:**

**Date Remvd Piping:**

**Tk Type of Pump E:** No pump

**Tk Type of Pump F:** Aucune pompe

**Piping Type E:** Aboveground

**Piping Type F:** Hors sol

**Piping Diam Unit:** mm

| <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>Tank Content F:</b>                      |                          |                                    |                          | Diesel  |           |
| <b>Tank Content Other:</b>                  |                          |                                    |                          |   |           |
| <b>Piping Diameter:</b>                     |                          |                                    | 25; 38                   |   |           |
| <b>Spill Containment E:</b>                 |                          |                                    |                          | Devices for Aboveground Tanks (ORD-C142.19)   |           |
| <b>Spill Containment F:</b>                 |                          |                                    |                          | Réservoir hors sol (ORD-C142.19)  |           |
| <b>Spill Containment Other:</b>             |                          |                                    |                          |   |           |
| <b>Product Transfer Area:</b>               |                          |                                    |                          | Fill point has a spill box and is located over a concrete bermed area inside a fenced enclosure. Spill control materials, drain cover and spill absorption mat available for deployment during fuel transfer. |           |
| <b>Date Withdrwn Other Component:</b>       |                          |                                    |                          |   |           |
| <b>Date Removed Other Component:</b>        |                          |                                    |                          |   |           |
| <b><u>Piping Construction Materials</u></b> |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Steel   |           |
| <b>Component F:</b>                         |                          |                                    |                          | Acier   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Piping Secondary Containment</u></b>  |                          |                                    |                          |   |           |
| <b>Tank ID:</b>                             |                          |                                    | 89566                    |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | None  |           |
| <b>Component F:</b>                         |                          |                                    |                          | Aucun   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Tank Corrosion Protection</u></b>     |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Non-corroding material  |           |
| <b>Component F:</b>                         |                          |                                    |                          | Matériel non-corrosif   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Piping Corrosion Protection</u></b>   |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Painted   |           |
| <b>Component F:</b>                         |                          |                                    |                          | Peinturé  |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Tank Leak Detection</u></b>           |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Continuous leak detection   |           |
| <b>Component F:</b>                         |                          |                                    |                          | Essai d'étanchéité interne en continu   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Tank Leak Detection</u></b>           |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Visual inspection   |           |
| <b>Component F:</b>                         |                          |                                    |                          | Inspection visuelle   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Piping Leak Detection</u></b>         |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | Visual inspection   |           |
| <b>Component F:</b>                         |                          |                                    |                          | Inspection visuelle   |           |
| <b>Other:</b>                               |                          |                                    |                          |   |           |
| <b><u>Sump Leak Detection</u></b>           |                          |                                    |                          |   |           |
| <b>Component E:</b>                         |                          |                                    |                          | No sump for storage tank system   |           |

| <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>Component F:</b>                         |  | Aucun puisard pour le système de stockage                                  |                          |                            |              |
| <b>Other:</b>                               |  |  |                          |                            |              |
| <b><u>Tank Secondary Containment</u></b>    |  |  |                          |                            |              |
| <b>Component E:</b>                         |  | Concrete-encased steel assembly  |                          |                            |              |
| <b>Component F:</b>                         |  | Réservoir en acier revêtu de béton   |                          |                            |              |
| <b>Other:</b>                               |  |  |                          |                            |              |
| <b><u>Tank Overflow Protection</u></b>      |  |  |                          |                            |              |
| <b>Component E:</b>                         |  | Overfill alarm and overfill automatic shutoff                              |                          |                            |              |
| <b>Component F:</b>                         |  | Alarme anti-débordement et dispositif d'arrêt automatique anti-débordement |                          |                            |              |
| <b>Other:</b>                               |  |  |                          |                            |              |
| <b><u>Tanks Details</u></b>                 |  |  |                          |                            |              |
| <b>Tank ID:</b>                             | 89567  |  |                          | <b>Dt Withdrwn Piping:</b> |              |
| <b>Tank Capacity:</b>                       | 1135   |  |                          | <b>Date Remvd Piping:</b>  |              |
| <b>Tank Type E:</b>                         | Aboveground                                  |  |                          | <b>Tk Type of Pump E:</b>  | No pump      |
| <b>Tank Type F:</b>                         | Hors sol                                     |  |                          | <b>Tk Type of Pump F:</b>  | Aucune pompe |
| <b>Date of Install:</b>                     | 2009   |  |                          | <b>Piping Type E:</b>      | Aboveground  |
| <b>Date Withdrawn Tk:</b>                   |  |  |                          | <b>Piping Type F:</b>      | Hors sol     |
| <b>Date Removed Tank:</b>                   |  |  |                          | <b>Piping Diam Unit:</b>   | mm           |
| <b>Tank Desc:</b>                           | AST 1135 L Diesel Day Tank on Roof 73 Leikin |  |                          |                            |              |
| <b>Tank Stdd No E:</b>                      | ULC-S602                                     |  |                          |                            |              |
| <b>Tank Std No F:</b>                       | ULC-S602                                     |  |                          |                            |              |
| <b>Tank Std No Other:</b>                   |  |  |                          |                            |              |
| <b>Tank Constr Material E:</b>              | Steel  |  |                          |                            |              |
| <b>Tank Constr Material F:</b>              | Acier  |  |                          |                            |              |
| <b>Tank Constr Material Other:</b>          |  |  |                          |                            |              |
| <b>Internal No:</b>                         | 03-N-000-144-02                              |  |                          |                            |              |
| <b>Tank Content E:</b>                      | Diesel                                       |  |                          |                            |              |
| <b>Tank Content F:</b>                      | Diesel                                       |  |                          |                            |              |
| <b>Tank Content Other:</b>                  |  |  |                          |                            |              |
| <b>Piping Diameter:</b>                     | 25; 38                                       |  |                          |                            |              |
| <b>Spill Containment E:</b>                 | None   |  |                          |                            |              |
| <b>Spill Containment F:</b>                 | Aucun  |  |                          |                            |              |
| <b>Spill Containment Other:</b>             |  |  |                          |                            |              |
| <b>Product Transfer Area:</b>               | N/A  |  |                          |                            |              |
| <b>Date Withdrwn Other Component:</b>       |  |  |                          |                            |              |
| <b>Date Removed Other Component:</b>        |  |  |                          |                            |              |
| <b><u>Piping Construction Materials</u></b> |  |  |                          |                            |              |
| <b>Component E:</b>                         |  | Steel  |                          |                            |              |
| <b>Component F:</b>                         |  | Acier  |                          |                            |              |
| <b>Other:</b>                               |  |  |                          |                            |              |
| <b><u>Piping Secondary Containment</u></b>  |  |  |                          |                            |              |
| <b>Tank ID:</b>                             | 89567  |  |                          |                            |              |
| <b>Component E:</b>                         | None   |  |                          |                            |              |
| <b>Component F:</b>                         | Aucun  |  |                          |                            |              |
| <b>Other:</b>                               |  |  |                          |                            |              |
| <b><u>Tank Corrosion Protection</u></b>     |  |  |                          |                            |              |
| <b>Component E:</b>                         |  | Painted  |                          |                            |              |



| <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>Component F:</b><br><b>Other:</b>                        |                          | Peinturé  |                          |             |           |
| <b><u>Piping Corrosion Protection</u></b>                   |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Painted<br>Peinturé   |                          |             |           |
| <b><u>Tank Leak Detection</u></b>                           |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Interstitial monitoring – double walled tank<br>Surveillance interstitielle- réservoir à double paroi                       |                          |             |           |
| <b><u>Tank Leak Detection</u></b>                           |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Visual inspection<br>Inspection visuelle  |                          |             |           |
| <b><u>Piping Leak Detection</u></b>                         |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Visual inspection<br>Inspection visuelle  |                          |             |           |
| <b><u>Sump Leak Detection</u></b>                           |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | No sump for storage tank system<br>Aucun puisard pour le système de stockage  |                          |             |           |
| <b><u>Tank Secondary Containment</u></b>                    |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Double Walled<br>Double paroi   |                          |             |           |
| <b><u>Tank Overflow Protection</u></b>                      |                          |   |                          |             |           |
| <b>Component E:</b><br><b>Component F:</b><br><b>Other:</b> |                          | Overfill alarm and overfill automatic shutoff<br>Alarme anti-débordement et dispositif d'arrêt automatique anti-débordement |                          |             |           |

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ESE/269.7

84.9 / -4.00

73 Leikin Drive  
Ottawa ON

FRST

|                            |                      |                            |         |
|----------------------------|----------------------|----------------------------|---------|
| <b>Tank System ID:</b>     | 54665                | <b>Tank Sys Prov F:</b>    | Ontario |
| <b>EC No:</b>              | 25807                | <b>Tank Sys PO BOX:</b>    |         |
| <b>Internal No:</b>        |                      | <b>Tank Sys Postal Cd:</b> |         |
| <b>Is Perm Withdrwl:</b>   | FALSE                | <b>Sys Record City:</b>    |         |
| <b>Removed Date:</b>       |                      | <b>Sys Record Prov E:</b>  |         |
| <b>Withdrawn Date:</b>     |                      | <b>Sys Record Prov F:</b>  |         |
| <b>Temp Withdrawn Dt:</b>  |                      | <b>Sys Record PO BOX:</b>  |         |
| <b>Tank Use E:</b>         | Power Generation     | <b>Sys Rec Postal Cd:</b>  |         |
| <b>Tank Use F:</b>         | Production d'énergie | <b>System Rec Same as:</b> | TRUE    |
| <b>Year of Manufact:</b>   | 01-Jan-2012 00:00:00 | <b>Location Latitude:</b>  |         |
| <b>Emerg Plan Same as:</b> | TRUE                 | <b>Location Longitude:</b> |         |

| <b>Map Key</b>                         | <b>Number of Records</b> | <b>Direction/ Distance (m)</b>  | <b>Elev/Diff (m)</b> | <b>Site</b>                | <b>DB</b>            |
|--|--------------------------|---|----------------------|----------------------------|----------------------|
| <b>Operator Contact:</b>               |                          |   |                      | <b>Creation Date:</b>      | 04-Sep-2012 00:00:00 |
| <b>Owner Contact:</b>                  |                          |   |                      | <b>Creation By:</b>        | Alexandra Hallman    |
| <b>Tank System City:</b>               | Ottawa                   |   |                      | <b>Modified Date:</b>      | 12-Aug-2020 00:00:00 |
| <b>Tank Sys Prov E:</b>                | Ontario                  |   |                      | <b>Modified By:</b>        |                      |
| <b>Tank Use:</b>                       |                          | generator   |                      |                            |                      |
| <b>Tank Manufacturer:</b>              |                          | ZCL   |                      |                            |                      |
| <b>Tank System Address:</b>            |                          | 73 Leikin Drive   |                      |                            |                      |
| <b>Sys Record Address:</b>             |                          |   |                      |                            |                      |
| <b>System Descr:</b>                   |                          | Tank system consists of 2 tanks: one underground reinforced plastic and one day tank, located at 73 Leikin Drive, Ottawa, (RCMP). |                      |                            |                      |
| <b>Certification System Installer:</b> |                          |   |                      |                            |                      |
| <b>Certification System Remover:</b>   |                          |   |                      |                            |                      |
| <b>Group Name:</b>                     |                          |   |                      |                            |                      |
| <b>Master Group Name:</b>              |                          |   |                      |                            |                      |
| <b>Owner Email:</b>                    |                          |   |                      |                            |                      |
| <b>Operator Email:</b>                 |                          |   |                      |                            |                      |
| <b>Land Owner E:</b>                   |                          | Federal entity under Financial Administration Act   |                      |                            |                      |
| <b>Land Owner F:</b>                   |                          | Entité fédérale sous la loi sur la gestion des finances publiques   |                      |                            |                      |
| <b><u>Service Months</u></b>           |                          |   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | February  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Février   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | July  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Juillet   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | September   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Septembre   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | December  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Décembre  |                      |                            |                      |
| <b>Service Months E:</b>               |                          | May   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Mai   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | March   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Mars  |                      |                            |                      |
| <b>Service Months E:</b>               |                          | October   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Octobre   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | January   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Janvier   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | April   |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Avril   |                      |                            |                      |
| <b>Service Months E:</b>               |                          | June  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Juin  |                      |                            |                      |
| <b>Service Months E:</b>               |                          | August  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Août  |                      |                            |                      |
| <b>Service Months E:</b>               |                          | November  |                      |                            |                      |
| <b>Service Months F:</b>               |                          | Novembre  |                      |                            |                      |
| <b><u>Tanks Details</u></b>            |                          |   |                      |                            |                      |
| <b>Tank ID:</b>                        | 90476                    |   |                      | <b>Dt Withdrwn Piping:</b> |                      |
| <b>Tank Capacity:</b>                  | 458                      |   |                      | <b>Date Remvd Piping:</b>  |                      |
| <b>Tank Type E:</b>                    | Aboveground              |   |                      | <b>Tk Type of Pump E:</b>  | No pump              |
| <b>Tank Type F:</b>                    | Hors sol                 |   |                      | <b>Tk Type of Pump F:</b>  | Aucune pompe         |
| <b>Date of Install:</b>                | 2010                     |   |                      | <b>Piping Type E:</b>      | Aboveground          |

| <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>Date Withdrawn Tk:</b>                   |                          |   |                          | <b>Piping Type F:</b>    | Hors sol  |
| <b>Date Removed Tank:</b>                   |                          |   |                          | <b>Piping Diam Unit:</b> | mm        |
| <b>Tank Desc:</b>                           |                          | Day tank - connected to genset.                       |                          |                          |           |
| <b>Tank Std No E:</b>                       |                          | ULC-S630 (withdrawn and superseded by S601)           |                          |                          |           |
| <b>Tank Std No F:</b>                       |                          | ULC-S630 (retiré et remplacé par S601)                |                          |                          |           |
| <b>Tank Std No Other:</b>                   |                          |   |                          |                          |           |
| <b>Tank Constr Material E:</b>              |                          | Steel   |                          |                          |           |
| <b>Tank Constr Material F:</b>              |                          | Acier   |                          |                          |           |
| <b>Tank Constr Material Other:</b>          |                          |   |                          |                          |           |
| <b>Internal No:</b>                         |                          |   |                          |                          |           |
| <b>Tank Content E:</b>                      |                          | Diesel  |                          |                          |           |
| <b>Tank Content F:</b>                      |                          | Diesel  |                          |                          |           |
| <b>Tank Content Other:</b>                  |                          |   |                          |                          |           |
| <b>Piping Diameter:</b>                     |                          | 25-150  |                          |                          |           |
| <b>Spill Containment E:</b>                 |                          | None  |                          |                          |           |
| <b>Spill Containment F:</b>                 |                          | Aucun   |                          |                          |           |
| <b>Spill Containment Other:</b>             |                          |   |                          |                          |           |
| <b>Product Transfer Area:</b>               |                          | Not applicable due to configuration                   |                          |                          |           |
| <b>Date Wthdrwn Other Component:</b>        |                          |   |                          |                          |           |
| <b>Date Removed Other Component:</b>        |                          |   |                          |                          |           |
| <b><u>Piping Construction Materials</u></b> |                          |   |                          |                          |           |
| <b>Component E:</b>                         |                          | Black Iron  |                          |                          |           |
| <b>Component F:</b>                         |                          | Fer noir  |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |
| <b><u>Piping Secondary Containment</u></b>  |                          |   |                          |                          |           |
| <b>Tank ID:</b>                             |                          | 90476   |                          |                          |           |
| <b>Component E:</b>                         |                          | None  |                          |                          |           |
| <b>Component F:</b>                         |                          | Aucun   |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |
| <b><u>Tank Corrosion Protection</u></b>     |                          |   |                          |                          |           |
| <b>Component E:</b>                         |                          | Painted   |                          |                          |           |
| <b>Component F:</b>                         |                          | Peinturé  |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |
| <b><u>Piping Corrosion Protection</u></b>   |                          |   |                          |                          |           |
| <b>Component E:</b>                         |                          | None  |                          |                          |           |
| <b>Component F:</b>                         |                          | Aucune  |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |
| <b><u>Tank Leak Detection</u></b>           |                          |   |                          |                          |           |
| <b>Component E:</b>                         |                          | Interstitial monitoring – double walled tank          |                          |                          |           |
| <b>Component F:</b>                         |                          | Surveillance interstitielle- réservoir à double paroi |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |
| <b><u>Tank Leak Detection</u></b>           |                          |   |                          |                          |           |
| <b>Component E:</b>                         |                          | Automatic tank gauging                                |                          |                          |           |
| <b>Component F:</b>                         |                          | Jaugeage automatique                                  |                          |                          |           |
| <b>Other:</b>                               |                          |   |                          |                          |           |

| <b>Map Key</b>                              | <b>Number of Records</b> | <b>Direction/ Distance (m)</b>  | <b>Elev/Diff (m)</b> | <b>Site</b>                | <b>DB</b>    |
|---|--------------------------|---|----------------------|----------------------------|--------------|
| <b><u>Piping Leak Detection</u></b>         |                          |   |                      |                            |              |
| <b>Component E:</b>                         |                          | Visual inspection   |                      |                            |              |
| <b>Component F:</b>                         |                          | Inspection visuelle   |                      |                            |              |
| <b>Other:</b>                               |                          |   |                      |                            |              |
| <b><u>Sump Leak Detection</u></b>           |                          |   |                      |                            |              |
| <b>Component E:</b>                         |                          | No sump for storage tank system   |                      |                            |              |
| <b>Component F:</b>                         |                          | Aucun puisard pour le système de stockage   |                      |                            |              |
| <b>Other:</b>                               |                          |   |                      |                            |              |
| <b><u>Tank Secondary Containment</u></b>    |                          |   |                      |                            |              |
| <b>Component E:</b>                         |                          | Double Walled   |                      |                            |              |
| <b>Component F:</b>                         |                          | Double paroi  |                      |                            |              |
| <b>Other:</b>                               |                          |   |                      |                            |              |
| <b><u>Tank Overflow Protection</u></b>      |                          |   |                      |                            |              |
| <b>Component E:</b>                         |                          | Overfill ball float valve   |                      |                            |              |
| <b>Component F:</b>                         |                          | Dispositif antidébordement à bille flottante  |                      |                            |              |
| <b>Other:</b>                               |                          |   |                      |                            |              |
| <b><u>Tanks Details</u></b>                 |                          |   |                      |                            |              |
| <b>Tank ID:</b>                             | 90475                    |   |                      | <b>Dt Withdrwn Piping:</b> |              |
| <b>Tank Capacity:</b>                       | 5000                     |   |                      | <b>Date Remvd Piping:</b>  |              |
| <b>Tank Type E:</b>                         | Underground              |   |                      | <b>Tk Type of Pump E:</b>  | No pump      |
| <b>Tank Type F:</b>                         | Souterrain               |   |                      | <b>Tk Type of Pump F:</b>  | Aucune pompe |
| <b>Date of Install:</b>                     | 2012                     |   |                      | <b>Piping Type E:</b>      | Underground  |
| <b>Date Withdrawn Tk:</b>                   |                          |   |                      | <b>Piping Type F:</b>      | Souterrain   |
| <b>Date Removed Tank:</b>                   |                          |   |                      | <b>Piping Diam Unit:</b>   | mm           |
| <b>Tank Desc:</b>                           |                          | Main tank - underground tank, west of building.   |                      |                            |              |
| <b>Tank Stdd No E:</b>                      |                          | ULC-S615  |                      |                            |              |
| <b>Tank Std No F:</b>                       |                          | ULC-S615  |                      |                            |              |
| <b>Tank Std No Other:</b>                   |                          |   |                      |                            |              |
| <b>Tank Constr Material E:</b>              |                          | Fiberglass reinforced plastic (including thermoset tank)  |                      |                            |              |
| <b>Tank Constr Material F:</b>              |                          | Plastique renforcé de fibres de verre (incluant réservoir thermoset)  |                      |                            |              |
| <b>Tank Constr Material Other:</b>          |                          |   |                      |                            |              |
| <b>Internal No:</b>                         |                          |   |                      |                            |              |
| <b>Tank Content E:</b>                      |                          | Diesel  |                      |                            |              |
| <b>Tank Content F:</b>                      |                          | Diesel  |                      |                            |              |
| <b>Tank Content Other:</b>                  |                          |   |                      |                            |              |
| <b>Piping Diameter:</b>                     |                          | 25-150  |                      |                            |              |
| <b>Spill Containment E:</b>                 |                          | Devices for Underground Tanks (ORD-C58.19)  |                      |                            |              |
| <b>Spill Containment F:</b>                 |                          | Réservoir souterrain(ORD-C58.19)  |                      |                            |              |
| <b>Spill Containment Other:</b>             |                          |   |                      |                            |              |
| <b>Product Transfer Area:</b>               |                          | PTA solution for fuel tank system uses permanent&temporary measures installed when fuel is delivered. Spill kit located within PTA. Before fuel transfer manholes covered nearby with drain covers and portable secondary containment berm installed under fill point to curb and under pipe connection. Personnel in constant attendance during refueling, follow site specific fuel transfer SOP. System equipped with spill containment device, overfill alarm, overfill automatic shutoff |                      |                            |              |
| <b>Date Withdrwn Other Component:</b>       |                          |   |                      |                            |              |
| <b>Date Removed Other Component:</b>        |                          |   |                      |                            |              |
| <b><u>Piping Construction Materials</u></b> |                          |   |                      |                            |              |
| <b>Component E:</b>                         |                          | Non-metallic thermoplastic  |                      |                            |              |
| <b>Component F:</b>                         |                          | Thermoplastique non métallique  |                      |                            |              |

| <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>Other:</i>                              |                          |                                    |   |             |           |
| <b><u>Piping Secondary Containment</u></b> |                          |                                    |   |             |           |
| <b>Tank ID:</b>                            |                          |                                    | 90475   |             |           |
| <b>Component E:</b>                        |                          |                                    | Double Walled   |             |           |
| <b>Component F:</b>                        |                          |                                    | Double paroi  |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Tank Corrosion Protection</u></b>    |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Non-corroding material                                    |             |           |
| <b>Component F:</b>                        |                          |                                    | Matériel non-corrosif                                     |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Piping Corrosion Protection</u></b>  |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Painted   |             |           |
| <b>Component F:</b>                        |                          |                                    | Peinturé  |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Tank Leak Detection</u></b>          |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Automatic tank gauging                                    |             |           |
| <b>Component F:</b>                        |                          |                                    | Jaugeage automatique                                      |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Piping Leak Detection</u></b>        |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Continuous external leak monitoring (Sensor cable system) |             |           |
| <b>Component F:</b>                        |                          |                                    | Surveillance externe et en continu de l'étanchéité        |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Sump Leak Detection</u></b>          |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Static liquid media leak detection test                   |             |           |
| <b>Component F:</b>                        |                          |                                    | Essai d'étanchéité sous pression statique d'un liquide    |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Sump Leak Detection</u></b>          |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Visual inspection   |             |           |
| <b>Component F:</b>                        |                          |                                    | Inspection visuelle                                       |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Tank Secondary Containment</u></b>   |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Double Walled   |             |           |
| <b>Component F:</b>                        |                          |                                    | Double paroi  |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |
| <b><u>Tank Overflow Protection</u></b>     |                          |                                    |   |             |           |
| <b>Component E:</b>                        |                          |                                    | Method – trained personnel in attendance at all times     |             |           |
| <b>Component F:</b>                        |                          |                                    | Méthode - Personels qualifiés présents en tout temps      |             |           |
| <b>Other:</b>                              |                          |                                    |   |             |           |

| Map Key                         | Number of Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|---------------------------------|--|----------------------------|------------------|------|----|
| <b>Tank Overflow Protection</b> |  |                            |                  |      |    |
| <b>Component E:</b>             | Overfill alarm and overfill automatic shutoff                              |                            |                  |      |    |
| <b>Component F:</b>             | Alarme anti-débordement et dispositif d'arrêt automatique anti-débordement |                            |                  |      |    |
| <b>Other:</b>                   |  |                            |                  |      |    |

|  |  |                  |                     |                                      |                      |
|--|--|------------------|---------------------|--------------------------------------|----------------------|
| <a href="#">34</a>                     | 6 of 7   | <b>ESE/269.7</b> | <b>84.9 / -4.00</b> | <b>73 Leikin Drive<br/>Ottawa ON</b> | <b>FRST</b>          |
| <b>Tank System ID:</b>                 | 54588  |                  |                     | <b>Tank Sys Prov F:</b>              | Ontario              |
| <b>EC No:</b>                          | 54567  |                  |                     | <b>Tank Sys PO BOX:</b>              |                      |
| <b>Internal No:</b>                    |  |                  |                     | <b>Tank Sys Postal Cd:</b>           |                      |
| <b>Is Perm Withdrwl:</b>               | FALSE  |                  |                     | <b>Sys Record City:</b>              |                      |
| <b>Removed Date:</b>                   |  |                  |                     | <b>Sys Record Prov E:</b>            |                      |
| <b>Withdrawn Date:</b>                 |  |                  |                     | <b>Sys Record Prov F:</b>            |                      |
| <b>Temp Withdrawn Dt:</b>              |  |                  |                     | <b>Sys Record PO BOX:</b>            |                      |
| <b>Tank Use E:</b>                     |  |                  |                     | <b>Sys Rec Postal Cd:</b>            |                      |
| <b>Tank Use F:</b>                     |  |                  |                     | <b>System Rec Same as:</b>           | TRUE                 |
| <b>Year of Manufact:</b>               | 01-Jan-2019 00:00:00                             |                  |                     | <b>Location Latitude:</b>            |                      |
| <b>Emerg Plan Same as:</b>             | TRUE   |                  |                     | <b>Location Longitude:</b>           |                      |
| <b>Operator Contact:</b>               |  |                  |                     | <b>Creation Date:</b>                | 21-Jul-2020 00:00:00 |
| <b>Owner Contact:</b>                  |  |                  |                     | <b>Creation By:</b>                  | Alexandra Hallman    |
| <b>Tank System City:</b>               | Ottawa   |                  |                     | <b>Modified Date:</b>                | 23-Jul-2020 00:00:00 |
| <b>Tank Sys Prov E:</b>                | Ontario  |                  |                     | <b>Modified By:</b>                  |                      |
| <b>Tank Use:</b>                       |  |                  |                     |                                      |                      |
| <b>Tank Manufacturer:</b>              | Vibra-Sil  |                  |                     |                                      |                      |
| <b>Tank System Address:</b>            | 73 Leikin Drive                                  |                  |                     |                                      |                      |
| <b>Sys Record Address:</b>             |  |                  |                     |                                      |                      |
| <b>System Descr:</b>                   | M9 Generator - 73 Leikin Drive, Ottawa, Ontario. |                  |                     |                                      |                      |
| <b>Certification System Installer:</b> | 749171   |                  |                     |                                      |                      |
| <b>Certification System Remover:</b>   |  |                  |                     |                                      |                      |
| <b>Group Name:</b>                     |  |                  |                     |                                      |                      |
| <b>Master Group Name:</b>              |  |                  |                     |                                      |                      |
| <b>Owner Email:</b>                    |  |                  |                     |                                      |                      |
| <b>Operator Email:</b>                 |  |                  |                     |                                      |                      |
| <b>Land Owner E:</b>                   |  |                  |                     |                                      |                      |
| <b>Land Owner F:</b>                   |  |                  |                     |                                      |                      |

#### Service Months

|                          |          |
|--------------------------|----------|
| <b>Service Months E:</b> | June     |
| <b>Service Months F:</b> | Juin     |
| <b>Service Months E:</b> | August   |
| <b>Service Months F:</b> | Août     |
| <b>Service Months E:</b> | July     |
| <b>Service Months F:</b> | Juillet  |
| <b>Service Months E:</b> | November |
| <b>Service Months F:</b> | Novembre |
| <b>Service Months E:</b> | May      |
| <b>Service Months F:</b> | Mai      |
| <b>Service Months E:</b> | February |
| <b>Service Months F:</b> | Février  |
| <b>Service Months E:</b> | January  |
| <b>Service Months F:</b> | Janvier  |
| <b>Service Months E:</b> | October  |
| <b>Service Months F:</b> | Octobre  |

| Map Key           | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|-------------------|-------------------|-------------------------|---------------|------|----|
| Service Months E: |                   | September               |               |      |    |
| Service Months F: |                   | Septembre               |               |      |    |
| Service Months E: |                   | December                |               |      |    |
| Service Months F: |                   | Décembre                |               |      |    |
| Service Months E: |                   | March                   |               |      |    |
| Service Months F: |                   | Mars                    |               |      |    |
| Service Months E: |                   | April                   |               |      |    |
| Service Months F: |                   | Avril                   |               |      |    |

**Tanks Details**

|                                       |   |                            |              |
|---------------------------------------|---|----------------------------|--------------|
| <b>Tank ID:</b>                       | 90375   | <b>Dt Withdrwn Piping:</b> |              |
| <b>Tank Capacity:</b>                 | 26119   | <b>Date Remvd Piping:</b>  |              |
| <b>Tank Type E:</b>                   | Aboveground   | <b>Tk Type of Pump E:</b>  | No pump      |
| <b>Tank Type F:</b>                   | Hors sol  | <b>Tk Type of Pump F:</b>  | Aucune pompe |
| <b>Date of Install:</b>               | 2019  | <b>Piping Type E:</b>      | Aboveground  |
| <b>Date Withdrawn Tk:</b>             |   | <b>Piping Type F:</b>      | Hors sol     |
| <b>Date Removed Tank:</b>             |   | <b>Piping Diam Unit:</b>   | inch         |
| <b>Tank Desc:</b>                     | Outdoor, aboveground horizontal sub-base tank.  |                            |              |
| <b>Tank Stdd No E:</b>                | ULC-S601  |                            |              |
| <b>Tank Std No F:</b>                 | ULC-S601  |                            |              |
| <b>Tank Std No Other:</b>             |   |                            |              |
| <b>Tank Constr Material E:</b>        | Steel   |                            |              |
| <b>Tank Constr Material F:</b>        | Acier   |                            |              |
| <b>Tank Constr Material Other:</b>    |   |                            |              |
| <b>Internal No:</b>                   |   |                            |              |
| <b>Tank Content E:</b>                | Diesel  |                            |              |
| <b>Tank Content F:</b>                | Diesel  |                            |              |
| <b>Tank Content Other:</b>            |   |                            |              |
| <b>Piping Diameter:</b>               | 1;2   |                            |              |
| <b>Spill Containment E:</b>           | Aboveground tank ULC-S663 (superses ORD-C142.19)  |                            |              |
| <b>Spill Containment F:</b>           | Réservoir hors sol ULC S663 (remplace ORD-C142.19)  |                            |              |
| <b>Spill Containment Other:</b>       |   |                            |              |
| <b>Product Transfer Area:</b>         | Tank is located on concrete pad, surrounded by 3 sided curb, concrete pad slopes to asphalt loading bay (minor cracking). Spill kit moved to PTA for fuel transfer, 2 drain covers place on man hole at loading bay. Fill line has overfill prevention valve, audio and visual overfill alarm at fill point. ULC fill container at fill connection. |                            |              |
| <b>Date Withdrwn Other Component:</b> |   |                            |              |
| <b>Date Removed Other Component:</b>  |   |                            |              |

**Piping Construction Materials**

|                     |              |
|---------------------|--------------|
| <b>Component E:</b> | Polyethylene |
| <b>Component F:</b> | Polyéthylène |
| <b>Other:</b>       |              |

**Piping Construction Materials**

|                     |       |
|---------------------|-------|
| <b>Component E:</b> | Steel |
| <b>Component F:</b> | Acier |
| <b>Other:</b>       |       |

**Piping Secondary Containment**

|                     |       |
|---------------------|-------|
| <b>Tank ID:</b>     | 90375 |
| <b>Component E:</b> | None  |
| <b>Component F:</b> | Aucun |
| <b>Other:</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> |
|---|--------------------------|--|----------------------|-------------|-----------|
| <b><u>Tank Corrosion Protection</u></b>   |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Painted  |                      |             |           |
| <b>Component F:</b>                       |                          | Peinturé   |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Piping Corrosion Protection</u></b> |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Painted  |                      |             |           |
| <b>Component F:</b>                       |                          | Peinturé   |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Leak Detection</u></b>         |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Automatic tank gauging   |                      |             |           |
| <b>Component F:</b>                       |                          | Jaugeage automatique   |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Leak Detection</u></b>         |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Interstitial monitoring – double walled tank                               |                      |             |           |
| <b>Component F:</b>                       |                          | Surveillance interstitielle- réservoir à double paroi                      |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Leak Detection</u></b>         |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Visual inspection  |                      |             |           |
| <b>Component F:</b>                       |                          | Inspection visuelle  |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Piping Leak Detection</u></b>       |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Visual inspection  |                      |             |           |
| <b>Component F:</b>                       |                          | Inspection visuelle  |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Sump Leak Detection</u></b>         |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | No sump for storage tank system  |                      |             |           |
| <b>Component F:</b>                       |                          | Aucun puisard pour le système de stockage                                  |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Secondary Containment</u></b>  |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Double Walled  |                      |             |           |
| <b>Component F:</b>                       |                          | Double paroi   |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Overflow Protection</u></b>    |                          |  |                      |             |           |
| <b>Component E:</b>                       |                          | Overfill alarm and overfill automatic shutoff                              |                      |             |           |
| <b>Component F:</b>                       |                          | Alarme anti-débordement et dispositif d'arrêt automatique anti-débordement |                      |             |           |
| <b>Other:</b>                             |                          |  |                      |             |           |
| <b><u>Tank Overflow Protection</u></b>    |                          |  |                      |             |           |



| Map Key                                | Number of Records    | Direction/<br>Distance (m)                            | Elev/Diff<br>(m) | Site  | DB           |
|--|----------------------|---|------------------|---|--------------|
| <b>Component E:</b>                    |                      | Other (specify)                                       |                  |   |              |
| <b>Component F:</b>                    |                      | Autre (spécifiez)                                     |                  |   |              |
| <b>Other:</b>                          |                      | CAN/ULC-S661  |                  |   |              |
| <b><u>Tank Overflow Protection</u></b> |                      |   |                  |   |              |
| <b>Component E:</b>                    |                      | Method – trained personnel in attendance at all times |                  |   |              |
| <b>Component F:</b>                    |                      | Méthode - Personels qualifiés présents en tout temps  |                  |   |              |
| <b>Other:</b>                          |                      |   |                  |   |              |
| <a href="#"><u>34</u></a>              | 7 of 7               | ESE/269.7   | 84.9 / -4.00     | 73 Leiken Drive<br>Nepean ON K2G  | EHS          |
| <b>Order No:</b>                       | 21021200162          |   |                  | <b>Nearest Intersection:</b>  |              |
| <b>Status:</b>                         | C                    |   |                  | <b>Municipality:</b>  |              |
| <b>Report Type:</b>                    | Custom Report        |   |                  | <b>Client Prov/State:</b>   | ON           |
| <b>Report Date:</b>                    | 18-FEB-21            |   |                  | <b>Search Radius (km):</b>  | .25          |
| <b>Date Received:</b>                  | 12-FEB-21            |   |                  | <b>X:</b>   | -75.71330769 |
| <b>Previous Site Name:</b>             |                      |   |                  | <b>Y:</b>   | 45.29781248  |
| <b>Lot/Building Size:</b>              |                      |   |                  |   |              |
| <b>Additional Info Ordered:</b>        |                      |   |                  |   |              |
| <a href="#"><u>35</u></a>              | 1 of 37              | ESE/284.7   | 84.9 / -4.00     | CONTRACTOR<br>3000 MERIVALE RD AT HWY 16-<br>CONSTRUCTION SITE MOTOR VEHICLE<br>(OPERATING FLUID)<br>OTTAWA CITY ON | SPL          |
| <b>Ref No:</b>                         | 152313               |   |                  | <b>Municipality No:</b>   | 20101        |
| <b>Year:</b>                           |                      |   |                  | <b>Nature of Damage:</b>  |              |
| <b>Incident Dt:</b>                    | 2/10/1998            |   |                  | <b>Discharger Report:</b>   |              |
| <b>Dt MOE Arvl on Scn:</b>             |                      |   |                  | <b>Material Group:</b>  |              |
| <b>MOE Reported Dt:</b>                | 2/11/1998            |   |                  | <b>Impact to Health:</b>  |              |
| <b>Dt Document Closed:</b>             |                      |   |                  | <b>Agency Involved:</b>   |              |
| <b>Site No:</b>                        |                      |   |                  |   |              |
| <b>MOE Response:</b>                   |                      |   |                  |   |              |
| <b>Site County/District:</b>           |                      |   |                  |   |              |
| <b>Site Geo Ref Meth:</b>              |                      |   |                  |   |              |
| <b>Site District Office:</b>           |                      |   |                  |   |              |
| <b>Nearest Watercourse:</b>            |                      |   |                  |   |              |
| <b>Site Name:</b>                      |                      |   |                  |   |              |
| <b>Site Address:</b>                   |                      |   |                  |   |              |
| <b>Site Region:</b>                    |                      |   |                  |   |              |
| <b>Site Municipality:</b>              | OTTAWA CITY          |   |                  |   |              |
| <b>Site Lot:</b>                       |                      |   |                  |   |              |
| <b>Site Conc:</b>                      |                      |   |                  |   |              |
| <b>Site Geo Ref Accu:</b>              |                      |   |                  |   |              |
| <b>Site Map Datum:</b>                 |                      |   |                  |   |              |
| <b>Northing:</b>                       |                      |   |                  |   |              |
| <b>Easting:</b>                        |                      |   |                  |   |              |
| <b>Incident Cause:</b>                 | OTHER CAUSE (N.O.S.) |   |                  |   |              |
| <b>Incident Preceding Spill:</b>       |                      |   |                  |   |              |
| <b>Environment Impact:</b>             | POSSIBLE             |   |                  |   |              |
| <b>Health Env Consequence:</b>         |                      |   |                  |   |              |
| <b>Nature of Impact:</b>               | Soil contamination   |   |                  |   |              |
| <b>Contaminant Qty:</b>                |                      |   |                  |   |              |
| <b>System Facility Address:</b>        |                      |   |                  |   |              |
| <b>Client Name:</b>                    |                      |   |                  |   |              |
| <b>Client Type:</b>                    |                      |   |                  |   |              |
| <b>Source Type:</b>                    |                      |   |                  |   |              |
| <b>Contaminant Code:</b>               |                      |   |                  |   |              |
| <b>Contaminant Name:</b>               |                      |   |                  |   |              |

| Map Key  | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|--|-------------------|-------------------------|---------------|------|----|
| <b>Contaminant Limit 1:</b><br><b>Contam Limit Freq 1:</b><br><b>Contaminant UN No 1:</b><br><b>Receiving Medium:</b> LAND<br><b>Incident Reason:</b> ERROR<br><b>Incident Summary:</b> GEODEX CONSTRUCTION-5L OF MOTOR OIL TO GROUND.<br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   |                         |               |      |    |

|                                     |  |           |              |  |     |
|-------------------------------------|--|-----------|--------------|--|-----|
| <a href="#">35</a>                  | 2 of 37  | ESE/284.7 | 84.9 / -4.00 | JDS FITEL (UNIPHASE) INC.<br>3000 MERIVALE RD, PARKING LOT 3000<br>MERIVALE RD NEPEAN ON<br>NEPEAN CITY ON | SPL |
| <b>Ref No:</b>                      | 179071   |           |              | <b>Municipality No:</b> 20104  |     |
| <b>Year:</b>                        |  |           |              | <b>Nature of Damage:</b>   |     |
| <b>Incident Dt:</b>                 | 3/28/2000  |           |              | <b>Discharger Report:</b>  |     |
| <b>Dt MOE Arvl on Scn:</b>          |  |           |              | <b>Material Group:</b>   |     |
| <b>MOE Reported Dt:</b>             | 3/31/2000  |           |              | <b>Impact to Health:</b>   |     |
| <b>Dt Document Closed:</b>          |  |           |              | <b>Agency Involved:</b>  |     |
| <b>Site No:</b>                     |  |           |              |  |     |
| <b>MOE Response:</b>                |  |           |              |  |     |
| <b>Site County/District:</b>        |  |           |              |  |     |
| <b>Site Geo Ref Meth:</b>           |  |           |              |  |     |
| <b>Site District Office:</b>        |  |           |              |  |     |
| <b>Nearest Watercourse:</b>         |  |           |              |  |     |
| <b>Site Name:</b>                   |  |           |              |  |     |
| <b>Site Address:</b>                |  |           |              |  |     |
| <b>Site Region:</b>                 |  |           |              |  |     |
| <b>Site Municipality:</b>           | NEPEAN CITY  |           |              |  |     |
| <b>Site Lot:</b>                    |  |           |              |  |     |
| <b>Site Conc:</b>                   |  |           |              |  |     |
| <b>Site Geo Ref Accu:</b>           |  |           |              |  |     |
| <b>Site Map Datum:</b>              |  |           |              |  |     |
| <b>Northing:</b>                    |  |           |              |  |     |
| <b>Easting:</b>                     |  |           |              |  |     |
| <b>Incident Cause:</b>              | OTHER CONTAINER LEAK   |           |              |  |     |
| <b>Incident Preceding Spill:</b>    |  |           |              |  |     |
| <b>Environment Impact:</b>          | POSSIBLE   |           |              |  |     |
| <b>Health Env Consequence:</b>      |  |           |              |  |     |
| <b>Nature of Impact:</b>            | Water course or lake   |           |              |  |     |
| <b>Contaminant Qty:</b>             |  |           |              |  |     |
| <b>System Facility Address:</b>     |  |           |              |  |     |
| <b>Client Name:</b>                 |  |           |              |  |     |
| <b>Client Type:</b>                 |  |           |              |  |     |
| <b>Source Type:</b>                 |  |           |              |  |     |
| <b>Contaminant Code:</b>            |  |           |              |  |     |
| <b>Contaminant Name:</b>            |  |           |              |  |     |
| <b>Contaminant Limit 1:</b>         |  |           |              |  |     |
| <b>Contam Limit Freq 1:</b>         |  |           |              |  |     |
| <b>Contaminant UN No 1:</b>         |  |           |              |  |     |
| <b>Receiving Medium:</b>            | LAND   |           |              |  |     |
| <b>Incident Reason:</b>             | ERROR  |           |              |  |     |
| <b>Incident Summary:</b>            | JDS UNIPHASE-4L METHYLENECHLORIDE TO PVMT,POSSIBLEC-BASIN.TO CHECK/PUMP. |           |              |  |     |
| <b>Activity Preceding Spill:</b>    |  |           |              |  |     |
| <b>Property 2nd Watershed:</b>      |  |           |              |  |     |
| <b>Property Tertiary Watershed:</b> |  |           |              |  |     |
| <b>Sector Type:</b>                 |  |           |              |  |     |
| <b>SAC Action Class:</b>            |  |           |              |  |     |
| <b>Call Report Locatn Geodata:</b>  |  |           |              |  |     |

| Map Key                     | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site  | DB |
|-----------------------------|-------------------|---|------------------|---|----|
| <a href="#">35</a>          | 3 of 37           | ESE/284.7   | 84.9 / -4.00     | JDS UNIPHASE INC.<br>3000 MERIVALE ROAD<br>NEPEAN CITY ON | CA |
| <b>Certificate #:</b>       |                   | 8-4255-99-  |                  |   |    |
| <b>Application Year:</b>    |                   | 99  |                  |   |    |
| <b>Issue Date:</b>          |                   | //  |                  |   |    |
| <b>Approval Type:</b>       |                   | Industrial air  |                  |   |    |
| <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> |                   | BOILERS, CLEANING TANK, STANDBY POWER   |                  |   |    |
| <b>Contaminants:</b>        |                   |   |                  |   |    |
| <b>Emission Control:</b>    |                   |   |                  |   |    |
| <a href="#">35</a>          | 4 of 37           | ESE/284.7   | 84.9 / -4.00     | 3000 Merivale Road<br>Nepean ON                           | CA |
| <b>Certificate #:</b>       |                   | 1464-4VGSD5   |                  |   |    |
| <b>Application Year:</b>    |                   | 01  |                  |   |    |
| <b>Issue Date:</b>          |                   | 4/10/01   |                  |   |    |
| <b>Approval Type:</b>       |                   | Industrial air  |                  |   |    |
| <b>Status:</b>              |                   | Approved  |                  |   |    |
| <b>Application Type:</b>    |                   | New Certificate of Approval   |                  |   |    |
| <b>Client Name:</b>         |                   | JDS Uniphase Inc.   |                  |   |    |
| <b>Client Address:</b>      |                   | 570 West Hunt Club Road   |                  |   |    |
| <b>Client City:</b>         |                   | Nepean  |                  |   |    |
| <b>Client Postal Code:</b>  |                   | K2G 5W8   |                  |   |    |
| <b>Project Description:</b> |                   | Installation of three natural gas boilers for heating water exhausting from a common 0.5m diameter stack and one natural gas boiler for steam production. One 0.1 diameter muffler, 6m above ground, discharging the exhaust from a 355 kw emergency diesel generator located approximately 5m from the main building housed in its own weather proof structure. Two 1.56m diameter stacks located on the roof, discharging the production exhaust from all localized exhaust systems in the clean rooms, packing and sealing room, oven rooms and research lab. Only one production exhaust stack operates at any one time. Four roof top cooling towers and eight rooftop air handling units of various size. |                  |   |    |
| <b>Contaminants:</b>        |                   |   |                  |   |    |
| <b>Emission Control:</b>    |                   | No Controls   |                  |   |    |
| <a href="#">35</a>          | 5 of 37           | ESE/284.7   | 84.9 / -4.00     | 3000 Merivale Road<br>Nepean ON                           | CA |
| <b>Certificate #:</b>       |                   | 1298-568SSM   |                  |   |    |
| <b>Application Year:</b>    |                   | 02  |                  |   |    |
| <b>Issue Date:</b>          |                   | 5/13/02   |                  |   |    |
| <b>Approval Type:</b>       |                   | Industrial air  |                  |   |    |
| <b>Status:</b>              |                   | Approved  |                  |   |    |
| <b>Application Type:</b>    |                   | New Certificate of Approval   |                  |   |    |
| <b>Client Name:</b>         |                   | JDS Uniphase Inc.   |                  |   |    |
| <b>Client Address:</b>      |                   | 570 West Hunt Club Road   |                  |   |    |
| <b>Client City:</b>         |                   | Nepean  |                  |   |    |
| <b>Client Postal Code:</b>  |                   | K2G 5W8   |                  |   |    |
| <b>Project Description:</b> |                   | This application is for a comprehensive site-wide certificate of approval for emissions to atmosphere from the manufacture of clean and package fibre optic components using solvents and epoxies. In addition to existing approved sources, sources that discharge to atmosphere include a laser laboratory, deuterium loader, isolator assembly, slot block assembly, lens preparation, relay body assembly, reflectivity measuring, mirror inspection (coating and cleaning), sealing and packaging, rework booth, centrepiece and device curing, sandblasting, centrepiece assembly exhaust, polishing laboratory exhaust (degreaser), polishing laboratory exhaust (fume hood),                            |                  |   |    |

| Map Key            | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site  | DB  |
|--------------------|-------------------|----------------------------|------------------|---|-----|
|                    |                   |                            |                  | polishing laboratory exhaust (spray booth), sandblasting room exhaust, wet bench, chemical storage locker exhaust (coating room), boxcoater exhaust, production exhaust system, process exhaust system, circuit card assembly (cleaning and coating), assembly room (gluing and soldering) and a production exhaust system in Building N. |     |
|                    |                   |                            |                  | <b>Contaminants:</b>  |     |
|                    |                   |                            |                  | <b>Emission Control:</b>  |     |
| <a href="#">35</a> | 6 of 37           | ESE/284.7                  | 84.9 / -4.00     | 3000 Merivale Road<br>Nepean ON   | CA  |
|                    |                   |                            |                  | <b>Certificate #:</b> 5404-4U4M53   |     |
|                    |                   |                            |                  | <b>Application Year:</b> 01   |     |
|                    |                   |                            |                  | <b>Issue Date:</b> 2/20/01  |     |
|                    |                   |                            |                  | <b>Approval Type:</b> Industrial air  |     |
|                    |                   |                            |                  | <b>Status:</b> Approved   |     |
|                    |                   |                            |                  | <b>Application Type:</b> Amended CofA   |     |
|                    |                   |                            |                  | <b>Client Name:</b> JDS Uniphase Corporation  |     |
|                    |                   |                            |                  | <b>Client Address:</b> 570 West Hunt Club Road  |     |
|                    |                   |                            |                  | <b>Client City:</b> Nepean  |     |
|                    |                   |                            |                  | <b>Client Postal Code:</b> K2G 5W8  |     |
|                    |                   |                            |                  | <b>Project Description:</b> The purpose of the amendment is to re-address the impact of the standby diesel generator based on control measures which were not accounted for in the previous analysis.   |     |
|                    |                   |                            |                  | <b>Contaminants:</b>  |     |
|                    |                   |                            |                  | <b>Emission Control:</b>  |     |
| <a href="#">35</a> | 7 of 37           | ESE/284.7                  | 84.9 / -4.00     | JDS Uniphase Corporation<br>3000 Merivale Road NEPEAN<br>ON   | EBR |
|                    |                   |                            |                  | <b>EBR Registry No:</b> IA9E1227  |     |
|                    |                   |                            |                  | <b>Ministry Ref No:</b> 8422699   |     |
|                    |                   |                            |                  | <b>Notice Type:</b> Instrument Decision   |     |
|                    |                   |                            |                  | <b>Notice Stage:</b>  |     |
|                    |                   |                            |                  | <b>Notice Date:</b> February 27, 2009   |     |
|                    |                   |                            |                  | <b>Proposal Date:</b> October 07, 1999  |     |
|                    |                   |                            |                  | <b>Year:</b> 1999   |     |
|                    |                   |                            |                  | <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  |     |
|                    |                   |                            |                  | <b>Off Instrument Name:</b>   |     |
|                    |                   |                            |                  | <b>Posted By:</b>   |     |
|                    |                   |                            |                  | <b>Company Name:</b> JDS Uniphase Corporation   |     |
|                    |                   |                            |                  | <b>Site Address:</b>  |     |
|                    |                   |                            |                  | <b>Location Other:</b>  |     |
|                    |                   |                            |                  | <b>Proponent Name:</b>  |     |
|                    |                   |                            |                  | <b>Proponent Address:</b> 570 West Hunt Club Road, Nepean Ontario, K2G 5W8  |     |
|                    |                   |                            |                  | <b>Comment Period:</b>  |     |
|                    |                   |                            |                  | <b>URL:</b>   |     |
|                    |                   |                            |                  | <b>Site Location Details:</b>   |     |
|                    |                   |                            |                  | 3000 Merivale Road NEPEAN   |     |
| <a href="#">35</a> | 8 of 37           | ESE/284.7                  | 84.9 / -4.00     | JDS Uniphase Inc.<br>3000 Merivale Road NEPEAN<br>ON  | EBR |
|                    |                   |                            |                  | <b>EBR Registry No:</b> IA9E1735  |     |
|                    |                   |                            |                  | <b>Ministry Ref No:</b> 8425599   |     |
|                    |                   |                            |                  | <b>Notice Type:</b> Instrument Decision   |     |
|                    |                   |                            |                  | <b>Notice Stage:</b>  |     |
|                    |                   |                            |                  | <b>Notice Date:</b> February 01, 2000   |     |
|                    |                   |                            |                  | <b>Decision Posted:</b>   |     |
|                    |                   |                            |                  | <b>Exception Posted:</b>  |     |
|                    |                   |                            |                  | <b>Section:</b>   |     |
|                    |                   |                            |                  | <b>Act 1:</b>   |     |
|                    |                   |                            |                  | <b>Act 2:</b>   |     |

| Map Key                     | Number of Records  | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site                      | DB |
|-----------------------------|--|----------------------------|------------------|---------------------------|----|
| <b>Proposal Date:</b>       | November 15, 1999  |                            |                  | <b>Site Location Map:</b> |    |
| <b>Year:</b>                | 1999   |                            |                  |                           |    |
| <b>Instrument Type:</b>     | (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) |                            |                  |                           |    |
| <b>Off Instrument Name:</b> |  |                            |                  |                           |    |
| <b>Posted By:</b>           |  |                            |                  |                           |    |
| <b>Company Name:</b>        | JDS Uniphase Inc.  |                            |                  |                           |    |
| <b>Site Address:</b>        |  |                            |                  |                           |    |
| <b>Location Other:</b>      |  |                            |                  |                           |    |
| <b>Proponent Name:</b>      |  |                            |                  |                           |    |
| <b>Proponent Address:</b>   | 570 West Hunt Club Road, Nepean Ontario, K2G 5W8   |                            |                  |                           |    |
| <b>Comment Period:</b>      |  |                            |                  |                           |    |
| <b>URL:</b>                 |  |                            |                  |                           |    |

**Site Location Details:**

3000 Merivale Road NEPEAN

|                    |         |           |              |  |     |
|--------------------|---------|-----------|--------------|--|-----|
| <a href="#">35</a> | 9 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS Uniphase Inc.<br>3000 Merivale Road Nepean Ontario K2G 6N7<br>Nepean<br>ON | EBR |
|--------------------|---------|-----------|--------------|--|-----|

|                             |  |  |  |                           |  |
|-----------------------------|--|--|--|---------------------------|--|
| <b>EBR Registry No:</b>     | IA00E1893  |  |  | <b>Decision Posted:</b>   |  |
| <b>Ministry Ref No:</b>     | 1048-4RST89  |  |  | <b>Exception Posted:</b>  |  |
| <b>Notice Type:</b>         | Instrument Decision  |  |  | <b>Section:</b>           |  |
| <b>Notice Stage:</b>        |  |  |  | <b>Act 1:</b>             |  |
| <b>Notice Date:</b>         | April 18, 2001   |  |  | <b>Act 2:</b>             |  |
| <b>Proposal Date:</b>       | December 12, 2000  |  |  | <b>Site Location Map:</b> |  |
| <b>Year:</b>                | 2000   |  |  |                           |  |
| <b>Instrument Type:</b>     | (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) |  |  |                           |  |
| <b>Off Instrument Name:</b> |  |  |  |                           |  |
| <b>Posted By:</b>           |  |  |  |                           |  |
| <b>Company Name:</b>        | JDS Uniphase Inc.  |  |  |                           |  |
| <b>Site Address:</b>        |  |  |  |                           |  |
| <b>Location Other:</b>      |  |  |  |                           |  |
| <b>Proponent Name:</b>      |  |  |  |                           |  |
| <b>Proponent Address:</b>   | 2445 St. Laurent Boulevard, Ottawa Ontario, K1G 6C3  |  |  |                           |  |
| <b>Comment Period:</b>      |  |  |  |                           |  |
| <b>URL:</b>                 |  |  |  |                           |  |

**Site Location Details:**

3000 Merivale Road Nepean Ontario K2G 6N7 Nepean

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 10 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS Uniphase Inc.<br>3000 Merivale Road Nepean Ontario K2G 6N7<br>Nepean<br>ON | EBR |
|--------------------|----------|-----------|--------------|--|-----|

|                             |  |  |  |                           |  |
|-----------------------------|--|--|--|---------------------------|--|
| <b>EBR Registry No:</b>     | IA01E1524  |  |  | <b>Decision Posted:</b>   |  |
| <b>Ministry Ref No:</b>     | 5233-53ZKQF  |  |  | <b>Exception Posted:</b>  |  |
| <b>Notice Type:</b>         | Instrument Decision  |  |  | <b>Section:</b>           |  |
| <b>Notice Stage:</b>        |  |  |  | <b>Act 1:</b>             |  |
| <b>Notice Date:</b>         | May 22, 2002   |  |  | <b>Act 2:</b>             |  |
| <b>Proposal Date:</b>       | October 30, 2001   |  |  | <b>Site Location Map:</b> |  |
| <b>Year:</b>                | 2001   |  |  |                           |  |
| <b>Instrument Type:</b>     | (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) |  |  |                           |  |
| <b>Off Instrument Name:</b> |  |  |  |                           |  |
| <b>Posted By:</b>           |  |  |  |                           |  |
| <b>Company Name:</b>        | JDS Uniphase Inc.  |  |  |                           |  |

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

**Site Address:**

**Location Other:**

**Proponent Name:**

**Proponent Address:** 2445 St. Laurent Boulevard, Ottawa Ontario, K1G 6C3

**Comment Period:**

**URL:**

**Site Location Details:**

3000 Merivale Road Nepean Ontario K2G 6N7 Nepean

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 11 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS Uniphase Ltd.<br>3000 Merivale Rd<br>Nepean ON | SCT |
|--------------------|----------|-----------|--------------|--|-----|

**Established:**

1981

**Plant Size (ft²):**

**Employment:**

011

**--Details--**

**Description:**

Commercial and Service Industry Machinery Manufacturing

**SIC/NAICS Code:**

333310

**Description:**

Measuring, Medical and Controlling Devices Manufacturing

**SIC/NAICS Code:**

334512

|                    |          |           |              |   |     |
|--------------------|----------|-----------|--------------|---|-----|
| <a href="#">35</a> | 12 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS FITEL INC.<br>3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1 | GEN |
|--------------------|----------|-----------|--------------|---|-----|

**Generator No:**

ON1312004

**SIC Code:**

3359

**SIC Description:**

OTHER COMMUN. & ELE.

**Approval Years:**

98

**PO Box No:**

**Country:**

**Status:**

**Co Admin:**

**Choice of Contact:**

**Phone No Admin:**

**Contaminated Facility:**

**MHSW Facility:**

**Detail(s)**

**Waste Class:**

212

**Waste Class Name:**

ALIPHATIC SOLVENTS

**Waste Class:**

263

**Waste Class Name:**

ORGANIC LABORATORY CHEMICALS

|                    |          |           |              |   |     |
|--------------------|----------|-----------|--------------|---|-----|
| <a href="#">35</a> | 13 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS UNIPHASE CORPORATION<br>3000 MERIVALE ROAD<br>NEPEAN ON K2C 3H1 | GEN |
|--------------------|----------|-----------|--------------|---|-----|

**Generator No:**

ON1312004

**SIC Code:**

3359

**SIC Description:**

OTHER COMMUN. & ELE.

**Approval Years:**

99,00,01

| Map Key   | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|---|-------------------|--------------------------------|------------------|------|----|
| <b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                   |                                |                  |      |    |
| <b><u>Detail(s)</u></b>   |                   |                                |                  |      |    |
| <b>Waste Class:</b>   |                   | 212                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>   |                   | 112                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | ACID WASTE - HEAVY METALS      |                  |      |    |
| <b>Waste Class:</b>   |                   | 114                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | OTHER INORGANIC ACID WASTES    |                  |      |    |
| <b>Waste Class:</b>   |                   | 148                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | INORGANIC LABORATORY CHEMICALS |                  |      |    |
| <b>Waste Class:</b>   |                   | 213                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | PETROLEUM DISTILLATES          |                  |      |    |
| <b>Waste Class:</b>   |                   | 241                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | HALOGENATED SOLVENTS           |                  |      |    |
| <b>Waste Class:</b>   |                   | 253                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | EMULSIFIED OILS                |                  |      |    |
| <b>Waste Class:</b>   |                   | 263                            |                  |      |    |
| <b>Waste Class Name:</b>  |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |

|                  |                 |                  |                     |   |            |
|------------------|-----------------|------------------|---------------------|---|------------|
| <b><u>35</u></b> | <b>14 of 37</b> | <b>ESE/284.7</b> | <b>84.9 / -4.00</b> | <b>JDS UNIPHASE Inc.<br/>3000 MERIVALE ROAD<br/>NEPEAN ON K2C 3H1</b> | <b>GEN</b> |
|------------------|-----------------|------------------|---------------------|---|------------|

**Generator No:** ON1312004  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** 02,03,04,05,06,07,08  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 145  
**Waste Class Name:** PAINT/PIGMENT/COATING RESIDUES  
  
**Waste Class:** 232  
**Waste Class Name:** POLYMERIC RESINS  
  
**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

| <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>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 113<br>ACID WASTE - OTHER METALS                                   |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 112<br>ACID WASTE - HEAVY METALS                                   |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 114<br>OTHER INORGANIC ACID WASTES                                 |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 146<br>OTHER SPECIFIED INORGANICS                                  |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 148<br>INORGANIC LABORATORY CHEMICALS                              |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 212<br>ALIPHATIC SOLVENTS  |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 213<br>PETROLEUM DISTILLATES                                       |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 241<br>HALOGENATED SOLVENTS  |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 252<br>WASTE OILS & LUBRICANTS                                     |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 253<br>EMULSIFIED OILS   |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 263<br>ORGANIC LABORATORY CHEMICALS                                |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 312<br>PATHOLOGICAL WASTES   |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 331<br>WASTE COMPRESSED GASES                                      |                          |  |            |
| <b>Waste Class:</b><br><b>Waste Class Name:</b>                       |                          | 122<br>ALKALINE WASTES - OTHER METALS                              |                          |  |            |
| <b>35</b>   | 15 of 37                 | <b>ESE/284.7</b>   | <b>84.9 / -4.00</b>      | <b>JDS Uniphase Corporation<br/>3000 Merivale Rd<br/>Nepean ON K2G 6N7</b> | <b>SCT</b> |
| <b>Established:</b><br><b>Plant Size (ft²):</b><br><b>Employment:</b> |                          | 1981   |                          |  |            |
| <b>--Details--</b><br><b>Description:</b><br><b>SIC/NAICS Code:</b>   |                          | Commercial and Service Industry Machinery Manufacturing<br>333310  |                          |  |            |
| <b>Description:</b><br><b>SIC/NAICS Code:</b>                         |                          | Measuring, Medical and Controlling Devices Manufacturing<br>334512 |                          |  |            |
| <b>35</b>   | 16 of 37                 | <b>ESE/284.7</b>   | <b>84.9 / -4.00</b>      | <b>Minto Commercial Inc.<br/>3000 Merivale Road<br/>Ottawa ON K2G6N7</b>   | <b>GEN</b> |
| <b>Generator No:</b>  |                          | ON9464946  |                          |  |            |



| Map Key  | Number of Records                   | Direction/<br>Distance (m)   | Elev/Diff<br>(m)    | Site  | DB                                |
|--|-------------------------------------|--|---------------------|---|-----------------------------------|
| <b>SIC Code:</b><br><b>SIC Description:</b><br><b>Approval Years:</b><br><b>PO Box No:</b><br><b>Country:</b><br><b>Status:</b><br><b>Co Admin:</b><br><b>Choice of Contact:</b><br><b>Phone No Admin:</b><br><b>Contaminated Facility:</b><br><b>MHSW Facility:</b> |                                     | 531120<br>Lessors of Non-Residential Buildings (except Mini-Warehouses)<br>05,06,07,08 |                     |   |                                   |
| <b><u>Detail(s)</u></b>  |                                     |  |                     |   |                                   |
| <b>Waste Class:</b>  |                                     | 212  |                     |   |                                   |
| <b>Waste Class Name:</b>   |                                     | ALIPHATIC SOLVENTS   |                     |   |                                   |
| <b>Waste Class:</b>  |                                     | 263  |                     |   |                                   |
| <b>Waste Class Name:</b>   |                                     | ORGANIC LABORATORY CHEMICALS   |                     |   |                                   |
| <b>Waste Class:</b>  |                                     | 251  |                     |   |                                   |
| <b>Waste Class Name:</b>   |                                     | OIL SKIMMINGS & SLUDGES  |                     |   |                                   |
| <b>Waste Class:</b>  |                                     | 252  |                     |   |                                   |
| <b>Waste Class Name:</b>   |                                     | WASTE OILS & LUBRICANTS  |                     |   |                                   |
| <a href="#">35</a>   | 17 of 37                            | <b>ESE/284.7</b>   | <b>84.9 / -4.00</b> | <b>3000 Merivale Road<br/>Ottawa ON</b>                       | <b>EHS</b>                        |
| <b>Order No:</b>   | 20071115015                         |  |                     | <b>Nearest Intersection:</b>                                  | Merivale Rd. and Queen Anne Crec. |
| <b>Status:</b>   | C                                   |  |                     | <b>Municipality:</b>  |                                   |
| <b>Report Type:</b>  | CAN - Complete Report               |  |                     | <b>Client Prov/State:</b>                                     |                                   |
| <b>Report Date:</b>  | 11/26/2007                          |  |                     | <b>Search Radius (km):</b>                                    | 0.25                              |
| <b>Date Received:</b>  | 11/15/2007                          |  |                     | <b>X:</b>   | -75.704145                        |
| <b>Previous Site Name:</b>   |                                     |  |                     | <b>Y:</b>   | 45.295958                         |
| <b>Lot/Building Size:</b>  |                                     |  |                     |   |                                   |
| <b>Additional Info Ordered:</b>  | Fire Insur. Maps And /or Site Plans |  |                     |   |                                   |
| <a href="#">35</a>   | 18 of 37                            | <b>ESE/284.7</b>   | <b>84.9 / -4.00</b> | <b>JDS Uniphase Inc.<br/>3000 Merivale Road<br/>Nepean ON</b> | <b>SPL</b>                        |
| <b>Ref No:</b>   | 8075-5KULXJ                         |  |                     | <b>Municipality No:</b>                                       |                                   |
| <b>Year:</b>   |                                     |  |                     | <b>Nature of Damage:</b>                                      |                                   |
| <b>Incident Dt:</b>  | 3/21/2003                           |  |                     | <b>Discharger Report:</b>                                     |                                   |
| <b>Dt MOE Arvl on Scnr:</b>  |                                     |  |                     | <b>Material Group:</b>  | Gases/Particulate                 |
| <b>MOE Reported Dt:</b>  | 3/21/2003                           |  |                     | <b>Impact to Health:</b>                                      |                                   |
| <b>Dt Document Closed:</b>   |                                     |  |                     | <b>Agency Involved:</b>                                       |                                   |
| <b>Site No:</b>  |                                     |  |                     |   |                                   |
| <b>MOE Response:</b>   |                                     |  |                     |   |                                   |
| <b>Site County/District:</b>   |                                     |  |                     |   |                                   |
| <b>Site Geo Ref Meth:</b>  |                                     |  |                     |   |                                   |
| <b>Site District Office:</b>   | Ottawa                              |  |                     |   |                                   |
| <b>Nearest Watercourse:</b>  |                                     |  |                     |   |                                   |
| <b>Site Name:</b>  | 3000 MERIVALE ROAD                  |  |                     |   |                                   |
| <b>Site Address:</b>   |                                     |  |                     |   |                                   |
| <b>Site Region:</b>  | Eastern                             |  |                     |   |                                   |
| <b>Site Municipality:</b>  | Nepean                              |  |                     |   |                                   |
| <b>Site Lot:</b>   |                                     |  |                     |   |                                   |
| <b>Site Conc:</b>  |                                     |  |                     |   |                                   |
| <b>Site Geo Ref Accu:</b>  |                                     |  |                     |   |                                   |
| <b>Site Map Datum:</b>   |                                     |  |                     |   |                                   |

| Map Key                             | Number of Records | Direction/<br>Distance (m)         | Elev/Diff<br>(m) | Site | DB |
|-------------------------------------|-------------------|------------------------------------|------------------|------|----|
| <b>Northing:</b>                    |                   | NA                                 |                  |      |    |
| <b>Easting:</b>                     |                   | NA                                 |                  |      |    |
| <b>Incident Cause:</b>              |                   |                                    |                  |      |    |
| <b>Incident Preceding Spill:</b>    |                   |                                    |                  |      |    |
| <b>Environment Impact:</b>          |                   | Confirmed                          |                  |      |    |
| <b>Health Env Consequence:</b>      |                   |                                    |                  |      |    |
| <b>Nature of Impact:</b>            |                   | Air Pollution                      |                  |      |    |
| <b>Contaminant Qty:</b>             |                   | 618 kg                             |                  |      |    |
| <b>System Facility Address:</b>     |                   |                                    |                  |      |    |
| <b>Client Name:</b>                 |                   | JDS Uniphase Inc.                  |                  |      |    |
| <b>Client Type:</b>                 |                   |                                    |                  |      |    |
| <b>Source Type:</b>                 |                   |                                    |                  |      |    |
| <b>Contaminant Code:</b>            |                   | 38                                 |                  |      |    |
| <b>Contaminant Name:</b>            |                   | FREON R-22 (CFC)                   |                  |      |    |
| <b>Contaminant Limit 1:</b>         |                   |                                    |                  |      |    |
| <b>Contam Limit Freq 1:</b>         |                   |                                    |                  |      |    |
| <b>Contaminant UN No 1:</b>         |                   |                                    |                  |      |    |
| <b>Receiving Medium:</b>            |                   | Air                                |                  |      |    |
| <b>Incident Reason:</b>             |                   | Equipment Failure                  |                  |      |    |
| <b>Incident Summary:</b>            |                   | JDS Uniphase - 618 kg freon to atm |                  |      |    |
| <b>Activity Preceding Spill:</b>    |                   |                                    |                  |      |    |
| <b>Property 2nd Watershed:</b>      |                   |                                    |                  |      |    |
| <b>Property Tertiary Watershed:</b> |                   |                                    |                  |      |    |
| <b>Sector Type:</b>                 |                   |                                    |                  |      |    |
| <b>SAC Action Class:</b>            |                   | Spill to Air                       |                  |      |    |
| <b>Call Report Locatn Geodata:</b>  |                   |                                    |                  |      |    |

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 19 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS Uniphase Corporation<br>3000 MARIVALE RD., NEPEAN<UNOFFICIAL><br>Ottawa ON | SPL |
|--------------------|----------|-----------|--------------|--|-----|

|                                  |                                       |                           |                   |
|----------------------------------|---------------------------------------|---------------------------|-------------------|
| <b>Ref No:</b>                   | 5124-5XNQZZ                           | <b>Municipality No:</b>   |                   |
| <b>Year:</b>                     |                                       | <b>Nature of Damage:</b>  |                   |
| <b>Incident Dt:</b>              | 4/2/2004                              | <b>Discharger Report:</b> |                   |
| <b>Dt MOE Arvl on Scrn:</b>      |                                       | <b>Material Group:</b>    | Gases/Particulate |
| <b>MOE Reported Dt:</b>          | 4/2/2004                              | <b>Impact to Health:</b>  |                   |
| <b>Dt Document Closed:</b>       |                                       | <b>Agency Involved:</b>   |                   |
| <b>Site No:</b>                  |                                       |                           |                   |
| <b>MOE Response:</b>             |                                       |                           |                   |
| <b>Site County/District:</b>     |                                       |                           |                   |
| <b>Site Geo Ref Meth:</b>        |                                       |                           |                   |
| <b>Site District Office:</b>     | Ottawa                                |                           |                   |
| <b>Nearest Watercourse:</b>      |                                       |                           |                   |
| <b>Site Name:</b>                | 3000 MARIVALE RD., NEPEAN<UNOFFICIAL> |                           |                   |
| <b>Site Address:</b>             |                                       |                           |                   |
| <b>Site Region:</b>              | Eastern                               |                           |                   |
| <b>Site Municipality:</b>        | Ottawa                                |                           |                   |
| <b>Site Lot:</b>                 |                                       |                           |                   |
| <b>Site Conc:</b>                |                                       |                           |                   |
| <b>Site Geo Ref Accu:</b>        |                                       |                           |                   |
| <b>Site Map Datum:</b>           |                                       |                           |                   |
| <b>Northing:</b>                 |                                       |                           |                   |
| <b>Easting:</b>                  |                                       |                           |                   |
| <b>Incident Cause:</b>           | Valve / Fitting Leak Or Failure       |                           |                   |
| <b>Incident Preceding Spill:</b> |                                       |                           |                   |
| <b>Environment Impact:</b>       | Not Anticipated                       |                           |                   |
| <b>Health Env Consequence:</b>   |                                       |                           |                   |
| <b>Nature of Impact:</b>         | Air Pollution                         |                           |                   |
| <b>Contaminant Qty:</b>          | 154.545454545455 Kg                   |                           |                   |
| <b>System Facility Address:</b>  |                                       |                           |                   |
| <b>Client Name:</b>              | JDS Uniphase Corporation              |                           |                   |
| <b>Client Type:</b>              |                                       |                           |                   |
| <b>Source Type:</b>              |                                       |                           |                   |
| <b>Contaminant Code:</b>         | 38                                    |                           |                   |

| Map Key  | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site | DB |
|--|-------------------|---|------------------|------|----|
| <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>Receiving Medium:</b><br><b>Incident Reason:</b><br><b>Incident Summary:</b><br><b>Activity Preceding Spill:</b><br><b>Property 2nd Watershed:</b><br><b>Property Tertiary Watershed:</b><br><b>Sector Type:</b><br><b>SAC Action Class:</b><br><b>Call Report Locatn Geodata:</b> |                   | FREON R-22 (CFC)<br><br>Air<br><br>JDS Uniphase Corp.,340 lbs R22 to ATM<br><br>Other<br>Spill to Air |                  |      |    |

|                    |          |           |              |  |    |
|--------------------|----------|-----------|--------------|--|----|
| <a href="#">35</a> | 20 of 37 | ESE/284.7 | 84.9 / -4.00 | Public Work Government Service Canada<br>3000 Merivale Rd<br>Ottawa ON | CA |
|--------------------|----------|-----------|--------------|--|----|

**Certificate #:** 3448-7WDQFM  
**Application Year:** 2009  
**Issue Date:** 10/2/2009  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 21 of 37 | ESE/284.7 | 84.9 / -4.00 | Minto Commercial Inc.<br>3000 Merivale Road<br>Ottawa ON | GEN |
|--------------------|----------|-----------|--------------|--|-----|

**Generator No:** ON9464946  
**SIC Code:** 531120  
**SIC Description:** Lessors of Non-Residential Buildings (except Mini-Warehouses)  
**Approval Years:** 2009  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS  
  
**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES  
  
**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS  
  
**Waste Class:** 263

| Map Key                       | Number of Records | Direction/<br>Distance (m)                                    | Elev/Diff<br>(m) | Site  | DB  |
|-------------------------------|-------------------|---|------------------|---|-----|
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS                                  |                  |   |     |
| <a href="#">35</a>            | 22 of 37          | ESE/284.7   | 84.9 / -4.00     | Minto Commercial Inc.<br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON | GEN |
| <b>Generator No:</b>          |                   | ON9464946   |                  |   |     |
| <b>SIC Code:</b>              |                   | 531120  |                  |   |     |
| <b>SIC Description:</b>       |                   | Lessors of Non-Residential Buildings (except Mini-Warehouses) |                  |   |     |
| <b>Approval Years:</b>        |                   | 2010  |                  |   |     |
| <b>PO Box No:</b>             |                   |   |                  |   |     |
| <b>Country:</b>               |                   |   |                  |   |     |
| <b>Status:</b>                |                   |   |                  |   |     |
| <b>Co Admin:</b>              |                   |   |                  |   |     |
| <b>Choice of Contact:</b>     |                   |   |                  |   |     |
| <b>Phone No Admin:</b>        |                   |   |                  |   |     |
| <b>Contaminated Facility:</b> |                   |   |                  |   |     |
| <b>MHSW Facility:</b>         |                   |   |                  |   |     |
| <b><u>Detail(s)</u></b>       |                   |   |                  |   |     |
| <b>Waste Class:</b>           |                   | 251   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES                                       |                  |   |     |
| <b>Waste Class:</b>           |                   | 252   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS                                       |                  |   |     |
| <b>Waste Class:</b>           |                   | 263   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS                                  |                  |   |     |
| <b>Waste Class:</b>           |                   | 212   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS  |                  |   |     |
| <a href="#">35</a>            | 23 of 37          | ESE/284.7   | 84.9 / -4.00     | Minto Commercial Inc.<br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON | GEN |
| <b>Generator No:</b>          |                   | ON9464946   |                  |   |     |
| <b>SIC Code:</b>              |                   | 531120  |                  |   |     |
| <b>SIC Description:</b>       |                   | Lessors of Non-Residential Buildings (except Mini-Warehouses) |                  |   |     |
| <b>Approval Years:</b>        |                   | 2011  |                  |   |     |
| <b>PO Box No:</b>             |                   |   |                  |   |     |
| <b>Country:</b>               |                   |   |                  |   |     |
| <b>Status:</b>                |                   |   |                  |   |     |
| <b>Co Admin:</b>              |                   |   |                  |   |     |
| <b>Choice of Contact:</b>     |                   |   |                  |   |     |
| <b>Phone No Admin:</b>        |                   |   |                  |   |     |
| <b>Contaminated Facility:</b> |                   |   |                  |   |     |
| <b>MHSW Facility:</b>         |                   |   |                  |   |     |
| <b><u>Detail(s)</u></b>       |                   |   |                  |   |     |
| <b>Waste Class:</b>           |                   | 212   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS  |                  |   |     |
| <b>Waste Class:</b>           |                   | 252   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS                                       |                  |   |     |
| <b>Waste Class:</b>           |                   | 263   |                  |   |     |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS                                  |                  |   |     |

| Map Key                       | Number of Records | Direction/<br>Distance (m)                                    | Elev/Diff<br>(m) | Site   | DB   |
|-------------------------------|-------------------|---|------------------|--|------|
| <b>Waste Class:</b>           |                   | 251   |                  |  |      |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES                                       |                  |  |      |
| <a href="#">35</a>            | 24 of 37          | ESE/284.7   | 84.9 / -4.00     | Minto Commercial Inc.<br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | GEN  |
| <b>Generator No:</b>          |                   | ON9464946   |                  |  |      |
| <b>SIC Code:</b>              |                   | 531120  |                  |  |      |
| <b>SIC Description:</b>       |                   | Lessors of Non-Residential Buildings (except Mini-Warehouses) |                  |  |      |
| <b>Approval Years:</b>        |                   | 2012  |                  |  |      |
| <b>PO Box No:</b>             |                   |   |                  |  |      |
| <b>Country:</b>               |                   |   |                  |  |      |
| <b>Status:</b>                |                   |   |                  |  |      |
| <b>Co Admin:</b>              |                   |   |                  |  |      |
| <b>Choice of Contact:</b>     |                   |   |                  |  |      |
| <b>Phone No Admin:</b>        |                   |   |                  |  |      |
| <b>Contaminated Facility:</b> |                   |   |                  |  |      |
| <b>MHSW Facility:</b>         |                   |   |                  |  |      |
| <b>Detail(s)</b>              |                   |   |                  |  |      |
| <b>Waste Class:</b>           |                   | 252   |                  |  |      |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS                                       |                  |  |      |
| <b>Waste Class:</b>           |                   | 263   |                  |  |      |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS                                  |                  |  |      |
| <b>Waste Class:</b>           |                   | 251   |                  |  |      |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES                                       |                  |  |      |
| <b>Waste Class:</b>           |                   | 212   |                  |  |      |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS  |                  |  |      |
| <a href="#">35</a>            | 25 of 37          | ESE/284.7   | 84.9 / -4.00     | JDS UNIPHASE INC.<br>3000 Merivale Road<br>Ottawa ON K2G6N7  | NPRI |
| <b>NPRI ID:</b>               |                   | 8800001566  |                  | <b>Org ID:</b>   |      |
| <b>Other ID:</b>              |                   |   |                  | <b>Submit Date:</b>  |      |
| <b>No Other ID:</b>           |                   |   |                  | <b>Last Modified:</b>  |      |
| <b>Track ID:</b>              |                   |   |                  | <b>Contact ID:</b>   |      |
| <b>Report ID:</b>             |                   |   |                  | <b>Cont Type:</b>  | MED  |
| <b>Report Type:</b>           |                   |   |                  | <b>Contact Title:</b>  |      |
| <b>Rpt Type ID:</b>           |                   |   |                  | <b>Cont First Name:</b>  |      |
| <b>Report Year:</b>           |                   | 2004  |                  | <b>Cont Last Name:</b>   |      |
| <b>Not-Current Rpt?:</b>      |                   |   |                  | <b>Contact Position:</b>   |      |
| <b>Yr of Last Filed Rpt:</b>  |                   |   |                  | <b>Contact Fax:</b>  |      |
| <b>Fac ID:</b>                |                   |   |                  | <b>Contact Ph.:</b>  |      |
| <b>Fac Name:</b>              |                   | JDS UNIPHASE  |                  | <b>Cont Area Code:</b>   |      |
| <b>Fac Address1:</b>          |                   |   |                  | <b>Contact Tel.:</b>   |      |
| <b>Fac Address2:</b>          |                   |   |                  | <b>Contact Ext.:</b>   |      |
| <b>Fac Postal Zip:</b>        |                   |   |                  | <b>Cont Fax Area Cde:</b>  |      |
| <b>Facility Lat:</b>          |                   |   |                  | <b>Contact Fax:</b>  |      |
| <b>Facility Long:</b>         |                   |   |                  | <b>Contact Email:</b>  |      |
| <b>DLS (Last Filed Rpt):</b>  |                   |   |                  | <b>Latitude:</b>   |      |
| <b>Facility DLS:</b>          |                   |   |                  | <b>Longitude:</b>  |      |
| <b>Datum:</b>                 |                   |   |                  | <b>UTM Zone:</b>   |      |
| <b>Facility Cmnts:</b>        |                   |   |                  | <b>UTM Northing:</b>   |      |
| <b>URL:</b>                   |                   |   |                  | <b>UTM Easting:</b>  |      |
| <b>No of Empl.:</b>           |                   | 590   |                  | <b>Waste Streams:</b>  |      |
| <b>Parent Co.:</b>            |                   |   |                  | <b>No Streams:</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> |
|--|--------------------------|---|----------------------|---|-----------|
| <b>No Parent Co.:</b><br><b>Pollut Prev Cmnts:</b><br><b>Stacks:</b><br><b>No of Stacks:</b><br><b>Canadian SIC Code (2 digit):</b><br><b>Canadian SIC Code:</b><br><b>SIC Code Description:</b><br><b>American SIC Code:</b><br><b>NAICS Code (2 digit):</b><br><b>NAICS 2 Description:</b><br><b>NAICS Code (4 digit):</b><br><b>NAICS 4 Description:</b><br><b>NAICS Code (6 digit):</b><br><b>NAICS 6 Description:</b> |                          |   |                      | <b>Waste Off Sites:</b><br><b>No Off Sites:</b><br><b>Shutdown:</b><br><b>No of Shutdown:</b> |           |
|  |                          | 31-33                                     |                      | Manufacturing   |           |
|  |                          | 3346                                      |                      | 3346  |           |
|  |                          |   |                      | Manufacturing and Reproducing Magnetic and Optical Media                                      |           |
|  |                          | 334610                                    |                      | 334610  |           |
|  |                          |   |                      | Manufacturing and Reproducing Magnetic and Optical Media                                      |           |
| <b><u>Substance Release Report</u></b>   |                          |   |                      |   |           |
| <b>CAS No:</b>   |                          | 7446-09-5                                 |                      |   |           |
| <b>Report ID:</b>  |                          |   |                      |   |           |
| <b>Rpt Period:</b>   |                          | 2004                                      |                      |   |           |
| <b>Subst Released:</b>   |                          | Sulphur dioxide                           |                      |   |           |
| <b>Air:</b>  |                          |   |                      |   |           |
| <b>Water:</b>  |                          |   |                      |   |           |
| <b>Land:</b>   |                          |   |                      |   |           |
| <b>Total Releases:</b>   |                          |   |                      |   |           |
| <b>Units:</b>  |                          | tonnes                                    |                      |   |           |
| <b>CAS No:</b>   |                          | 811-97-2                                  |                      |   |           |
| <b>Report ID:</b>  |                          |   |                      |   |           |
| <b>Rpt Period:</b>   |                          | 2004                                      |                      |   |           |
| <b>Subst Released:</b>   |                          | HFC-134a Hydrofluorocarbon                |                      |   |           |
| <b>Air:</b>  |                          |   |                      |   |           |
| <b>Water:</b>  |                          |   |                      |   |           |
| <b>Land:</b>   |                          |   |                      |   |           |
| <b>Total Releases:</b>   |                          |   |                      |   |           |
| <b>Units:</b>  |                          | tonnes                                    |                      |   |           |
| <b>CAS No:</b>   |                          | NA - M10                                  |                      |   |           |
| <b>Report ID:</b>  |                          |   |                      |   |           |
| <b>Rpt Period:</b>   |                          | 2004                                      |                      |   |           |
| <b>Subst Released:</b>   |                          | PM2.5 - Particulate Matter <= 2.5 Microns |                      |   |           |
| <b>Air:</b>  |                          |   |                      |   |           |
| <b>Water:</b>  |                          |   |                      |   |           |
| <b>Land:</b>   |                          |   |                      |   |           |
| <b>Total Releases:</b>   |                          |   |                      |   |           |
| <b>Units:</b>  |                          | tonnes                                    |                      |   |           |
| <b>CAS No:</b>   |                          | 74-82-8                                   |                      |   |           |
| <b>Report ID:</b>  |                          |   |                      |   |           |
| <b>Rpt Period:</b>   |                          | 2004                                      |                      |   |           |
| <b>Subst Released:</b>   |                          | Methane                                   |                      |   |           |
| <b>Air:</b>  |                          |   |                      |   |           |
| <b>Water:</b>  |                          |   |                      |   |           |
| <b>Land:</b>   |                          |   |                      |   |           |
| <b>Total Releases:</b>   |                          |   |                      |   |           |
| <b>Units:</b>  |                          | tonnes                                    |                      |   |           |
| <b>CAS No:</b>   |                          | 630-08-0                                  |                      |   |           |
| <b>Report ID:</b>  |                          |   |                      |   |           |
| <b>Rpt Period:</b>   |                          | 2004                                      |                      |   |           |
| <b>Subst Released:</b>   |                          | Carbon monoxide                           |                      |   |           |
| <b>Air:</b>  |                          |   |                      |   |           |
| <b>Water:</b>  |                          |   |                      |   |           |
| <b>Land:</b>   |                          |   |                      |   |           |
| <b>Total Releases:</b>   |                          |   |                      |   |           |

| <b>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>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | NA - M09                                |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | PM10 - Particulate Matter <= 10 Microns |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | 10024-97-2                              |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | Nitrous oxide                           |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | 11104-93-1                              |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | Nitrogen oxides (expressed as NO2)      |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | 124-38-9                                |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | Carbon dioxide                          |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | NA - M08                                |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | PM - Total Particulate Matter           |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>CAS No:</b>         |                          | NA - M16                                |                          |   |            |
| <b>Report ID:</b>      |                          |   |                          |   |            |
| <b>Rpt Period:</b>     |                          | 2004                                    |                          |   |            |
| <b>Subst Released:</b> |                          | Volatile Organic Compounds (VOCs)       |                          |   |            |
| <b>Air:</b>            |                          |   |                          |   |            |
| <b>Water:</b>          |                          |   |                          |   |            |
| <b>Land:</b>           |                          |   |                          |   |            |
| <b>Total Releases:</b> |                          |   |                          |   |            |
| <b>Units:</b>          |                          | tonnes                                  |                          |   |            |
| <b>35</b>              | <b>26 of 37</b>          | <b>ESE/284.7</b>                        | <b>84.9 / -4.00</b>      | <b>Minto Commercial Inc.<br/>3000 Merivale Road 73 Leikin Drive (formerly<br/>3000 Merivale Road)</b> | <b>GEN</b> |

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

Ottawa ON

**Generator No:** ON9464946  
**SIC Code:** 531120  
**SIC Description:** LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)  
**Approval Years:** 2013  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 146  
**Waste Class Name:** OTHER SPECIFIED INORGANICS  
  
**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS  
  
**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS  
  
**Waste Class:** 263  
**Waste Class Name:** ORGANIC LABORATORY CHEMICALS  
  
**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES  
  
**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 27 of 37 | ESE/284.7 | 84.9 / -4.00 | Public Work Government Service Canada<br>3000 Merivale Rd<br>Ottawa ON K1A 0R2 | ECA |
|--------------------|----------|-----------|--------------|--|-----|

|                           |   |                      |            |
|---------------------------|---|----------------------|------------|
| <b>Approval No:</b>       | 3448-7WDQFM   | <b>MOE District:</b> | Ottawa     |
| <b>Approval Date:</b>     | 2009-10-02  | <b>City:</b>         |            |
| <b>Status:</b>            | Approved  | <b>Longitude:</b>    | -75.705666 |
| <b>Record Type:</b>       | ECA   | <b>Latitude:</b>     | 45.294838  |
| <b>Link Source:</b>       | IDS   | <b>Geometry X:</b>   |            |
| <b>SWP Area Name:</b>     | Rideau Valley   | <b>Geometry Y:</b>   |            |
| <b>Approval Type:</b>     | ECA-AIR   |                      |            |
| <b>Project Type:</b>      | AIR   |                      |            |
| <b>Business Name:</b>     | Public Work Government Service Canada   |                      |            |
| <b>Address:</b>           | 3000 Merivale Rd  |                      |            |
| <b>Full Address:</b>      |   |                      |            |
| <b>Full PDF Link:</b>     | <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6999-7TQP3R-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6999-7TQP3R-14.pdf</a> |                      |            |
| <b>PDF Site Location:</b> |   |                      |            |

|                    |          |           |              |  |     |
|--------------------|----------|-----------|--------------|--|-----|
| <a href="#">35</a> | 28 of 37 | ESE/284.7 | 84.9 / -4.00 | JDS Uniphase Inc.<br>3000 Merivale Road<br>Nepean ON K2G 5W8 | ECA |
|--------------------|----------|-----------|--------------|--|-----|

|                       |              |                      |            |
|-----------------------|--------------|----------------------|------------|
| <b>Approval No:</b>   | 1464-4VGS5D5 | <b>MOE District:</b> | Ottawa     |
| <b>Approval Date:</b> | 2001-04-10   | <b>City:</b>         |            |
| <b>Status:</b>        | Approved     | <b>Longitude:</b>    | -75.705666 |
| <b>Record Type:</b>   | ECA          | <b>Latitude:</b>     | 45.294838  |
| <b>Link Source:</b>   | IDS          | <b>Geometry X:</b>   |            |



| Map Key  | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site   | DB  |
|--|-------------------|----------------------------|------------------|--|-----|
| <p><b>SWP Area Name:</b> Rideau Valley<br/> <b>Approval Type:</b> ECA-AIR<br/> <b>Project Type:</b> AIR<br/> <b>Business Name:</b> JDS Uniphase Inc.<br/> <b>Address:</b> 3000 Merivale Road<br/> <b>Full Address:</b><br/> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1048-4RST89-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1048-4RST89-14.pdf</a><br/> <b>PDF Site Location:</b></p>   |                   |                            |                  |  |     |
| <a href="#">35</a>   | 29 of 37          | ESE/284.7                  | 84.9 / -4.00     | JDS Uniphase Corporation<br>3000 Merivale Road<br>Nepean ON K2G 5W8  | ECA |
| <p><b>Approval No:</b> 5404-4U4M53<br/> <b>Approval Date:</b> 2001-02-20<br/> <b>Status:</b> Approved<br/> <b>Record Type:</b> ECA<br/> <b>Link Source:</b> IDS<br/> <b>SWP Area Name:</b> Rideau Valley<br/> <b>Approval Type:</b> ECA-AIR<br/> <b>Project Type:</b> AIR<br/> <b>Business Name:</b> JDS Uniphase Corporation<br/> <b>Address:</b> 3000 Merivale Road<br/> <b>Full Address:</b><br/> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5821-4T2T9C-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5821-4T2T9C-14.pdf</a><br/> <b>PDF Site Location:</b></p> <p><b>MOE District:</b> Ottawa<br/> <b>City:</b><br/> <b>Longitude:</b> -75.705666<br/> <b>Latitude:</b> 45.294838<br/> <b>Geometry X:</b><br/> <b>Geometry Y:</b></p>         |                   |                            |                  |  |     |
| <a href="#">35</a>   | 30 of 37          | ESE/284.7                  | 84.9 / -4.00     | JDS Uniphase Inc.<br>3000 Merivale Road<br>Nepean ON K2G 5W8   | ECA |
| <p><b>Approval No:</b> 1298-568SSM<br/> <b>Approval Date:</b> 2002-05-13<br/> <b>Status:</b> Revoked and/or Replaced<br/> <b>Record Type:</b> ECA<br/> <b>Link Source:</b> IDS<br/> <b>SWP Area Name:</b> Rideau Valley<br/> <b>Approval Type:</b> ECA-AIR<br/> <b>Project Type:</b> AIR<br/> <b>Business Name:</b> JDS Uniphase Inc.<br/> <b>Address:</b> 3000 Merivale Road<br/> <b>Full Address:</b><br/> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5233-53ZKQF-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5233-53ZKQF-14.pdf</a><br/> <b>PDF Site Location:</b></p> <p><b>MOE District:</b> Ottawa<br/> <b>City:</b><br/> <b>Longitude:</b> -75.705666<br/> <b>Latitude:</b> 45.294838<br/> <b>Geometry X:</b><br/> <b>Geometry Y:</b></p> |                   |                            |                  |  |     |
| <a href="#">35</a>   | 31 of 37          | ESE/284.7                  | 84.9 / -4.00     | Minto Commercial Inc.<br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | GEN |
| <p><b>Generator No:</b> ON9464946<br/> <b>SIC Code:</b> 531120<br/> <b>SIC Description:</b> LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)<br/> <b>Approval Years:</b> 2015<br/> <b>PO Box No:</b><br/> <b>Country:</b> Canada<br/> <b>Status:</b><br/> <b>Co Admin:</b> Steve Maber<br/> <b>Choice of Contact:</b> CO_ADMIN<br/> <b>Phone No Admin:</b> 613-786-3000 Ext.</p>  |                   |                            |                  |  |     |

| Map Key                       | Number of Records | Direction/<br>Distance (m)     | Elev/Diff<br>(m) | Site | DB |
|-------------------------------|-------------------|--------------------------------|------------------|------|----|
| <b>Contaminated Facility:</b> |                   | No                             |                  |      |    |
| <b>MHSW Facility:</b>         |                   | No                             |                  |      |    |
| <b><u>Detail(s)</u></b>       |                   |                                |                  |      |    |
| <b>Waste Class:</b>           |                   | 212                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS             |                  |      |    |
| <b>Waste Class:</b>           |                   | 252                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS        |                  |      |    |
| <b>Waste Class:</b>           |                   | 121                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ALKALINE WASTES - HEAVY METALS |                  |      |    |
| <b>Waste Class:</b>           |                   | 251                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES        |                  |      |    |
| <b>Waste Class:</b>           |                   | 263                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS   |                  |      |    |
| <b>Waste Class:</b>           |                   | 146                            |                  |      |    |
| <b>Waste Class Name:</b>      |                   | OTHER SPECIFIED INORGANICS     |                  |      |    |

|                    |          |                  |                     |   |            |
|--------------------|----------|------------------|---------------------|---|------------|
| <a href="#">35</a> | 32 of 37 | <b>ESE/284.7</b> | <b>84.9 / -4.00</b> | <b>Minto Commercial Inc.</b><br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | <b>GEN</b> |
|--------------------|----------|------------------|---------------------|---|------------|

**Generator No:** ON9464946  
**SIC Code:** 531120  
**SIC Description:** LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)  
**Approval Years:** 2016  
**PO Box No:**  
**Country:** Canada  
**Status:**  
**Co Admin:** Steve Maber  
**Choice of Contact:** CO\_ADMIN  
**Phone No Admin:** 613-786-7942 Ext.  
**Contaminated Facility:** No  
**MHSW Facility:** No

**Detail(s)**

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

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

**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS

**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

|                    |          |                  |                     |                              |            |
|--------------------|----------|------------------|---------------------|------------------------------|------------|
| <a href="#">35</a> | 33 of 37 | <b>ESE/284.7</b> | <b>84.9 / -4.00</b> | <b>Minto Commercial Inc.</b> | <b>GEN</b> |
|--------------------|----------|------------------|---------------------|------------------------------|------------|

| Map Key                       | Number of Records | Direction/<br>Distance (m)                                    | Elev/Diff<br>(m) | Site  | DB |
|-------------------------------|-------------------|---|------------------|---|----|
|                               |                   |   |                  | 3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 |    |
| <b>Generator No:</b>          |                   | ON9464946   |                  |   |    |
| <b>SIC Code:</b>              |                   | 531120  |                  |   |    |
| <b>SIC Description:</b>       |                   | LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES) |                  |   |    |
| <b>Approval Years:</b>        |                   | 2014  |                  |   |    |
| <b>PO Box No:</b>             |                   |   |                  |   |    |
| <b>Country:</b>               |                   | Canada  |                  |   |    |
| <b>Status:</b>                |                   |   |                  |   |    |
| <b>Co Admin:</b>              |                   | Steve Maber   |                  |   |    |
| <b>Choice of Contact:</b>     |                   | CO_ADMIN  |                  |   |    |
| <b>Phone No Admin:</b>        |                   | 613-786-3000 Ext.   |                  |   |    |
| <b>Contaminated Facility:</b> |                   | No  |                  |   |    |
| <b>MHSW Facility:</b>         |                   | No  |                  |   |    |
| <b><u>Detail(s)</u></b>       |                   |   |                  |   |    |
| <b>Waste Class:</b>           |                   | 212   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | ALIPHATIC SOLVENTS  |                  |   |    |
| <b>Waste Class:</b>           |                   | 263   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | ORGANIC LABORATORY CHEMICALS                                  |                  |   |    |
| <b>Waste Class:</b>           |                   | 146   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | OTHER SPECIFIED INORGANICS                                    |                  |   |    |
| <b>Waste Class:</b>           |                   | 121   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | ALKALINE WASTES - HEAVY METALS                                |                  |   |    |
| <b>Waste Class:</b>           |                   | 251   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | OIL SKIMMINGS & SLUDGES                                       |                  |   |    |
| <b>Waste Class:</b>           |                   | 252   |                  |   |    |
| <b>Waste Class Name:</b>      |                   | WASTE OILS & LUBRICANTS                                       |                  |   |    |

|                               |          |   |                     |   |            |
|-------------------------------|----------|---|---------------------|---|------------|
| <u>35</u>                     | 34 of 37 | <b>ESE/284.7</b>                                      | <b>84.9 / -4.00</b> | <b>Minto Commercial Inc.</b><br>3000 Merivale Road 73 Leikin Drive (formerly<br>3000 Merivale Road)<br>Ottawa ON K2G6N7 | <b>GEN</b> |
| <b>Generator No:</b>          |          | ON9464946   |                     |   |            |
| <b>SIC Code:</b>              |          |   |                     |   |            |
| <b>SIC Description:</b>       |          |   |                     |   |            |
| <b>Approval Years:</b>        |          | As of Dec 2018  |                     |   |            |
| <b>PO Box No:</b>             |          |   |                     |   |            |
| <b>Country:</b>               |          | Canada  |                     |   |            |
| <b>Status:</b>                |          | Registered  |                     |   |            |
| <b>Co Admin:</b>              |          |   |                     |   |            |
| <b>Choice of Contact:</b>     |          |   |                     |   |            |
| <b>Phone No Admin:</b>        |          |   |                     |   |            |
| <b>Contaminated Facility:</b> |          |   |                     |   |            |
| <b>MHSW Facility:</b>         |          |   |                     |   |            |
| <b><u>Detail(s)</u></b>       |          |   |                     |   |            |
| <b>Waste Class:</b>           |          | 121 C   |                     |   |            |
| <b>Waste Class Name:</b>      |          | Alkaline slutions - containing heavy metals           |                     |   |            |
| <b>Waste Class:</b>           |          | 146 T   |                     |   |            |
| <b>Waste Class Name:</b>      |          | Other specified inorganic sludges, slurries or solids |                     |   |            |

| Map Key                  | Number of Records | Direction/<br>Distance (m)           | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|--------------------------------------|------------------|------|----|
| <b>Waste Class:</b>      |                   | 212 L                                |                  |      |    |
| <b>Waste Class Name:</b> |                   | Aliphatic solvents and residues      |                  |      |    |
| <b>Waste Class:</b>      |                   | 251 L                                |                  |      |    |
| <b>Waste Class Name:</b> |                   | Waste oils/sludges (petroleum based) |                  |      |    |

|                    |          |                  |                     |  |            |
|--------------------|----------|------------------|---------------------|--|------------|
| <a href="#">35</a> | 35 of 37 | <b>ESE/284.7</b> | <b>84.9 / -4.00</b> | <b>Minto Commercial Inc.<br/>3000 Merivale Road 73 Leikin Drive (formerly<br/>3000 Merivale Road)<br/>Ottawa ON K2G6N7</b> | <b>GEN</b> |
|--------------------|----------|------------------|---------------------|--|------------|

**Generator No:** ON9464946  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Jul 2020  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 145 I  
**Waste Class Name:** Wastes from the use of pigments, coatings and paints  
  
**Waste Class:** 251 L  
**Waste Class Name:** Waste oils/sludges (petroleum based)  
  
**Waste Class:** 146 T  
**Waste Class Name:** Other specified inorganic sludges, slurries or solids  
  
**Waste Class:** 212 L  
**Waste Class Name:** Aliphatic solvents and residues  
  
**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals

|                    |          |                  |                     |  |            |
|--------------------|----------|------------------|---------------------|--|------------|
| <a href="#">35</a> | 36 of 37 | <b>ESE/284.7</b> | <b>84.9 / -4.00</b> | <b>Minto Commercial Inc.<br/>3000 Merivale Road 73 Leikin Drive (formerly<br/>3000 Merivale Road)<br/>Ottawa ON K2G6N7</b> | <b>GEN</b> |
|--------------------|----------|------------------|---------------------|--|------------|

**Generator No:** ON9464946  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Nov 2021  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals

| Map Key                  | Number of Records | Direction/<br>Distance (m)                            | Elev/Diff<br>(m) | Site | DB |
|--------------------------|-------------------|---|------------------|------|----|
| <b>Waste Class:</b>      |                   | 146 T   |                  |      |    |
| <b>Waste Class Name:</b> |                   | Other specified inorganic sludges, slurries or solids |                  |      |    |
| <b>Waste Class:</b>      |                   | 251 L   |                  |      |    |
| <b>Waste Class Name:</b> |                   | Waste oils/sludges (petroleum based)                  |                  |      |    |
| <b>Waste Class:</b>      |                   | 212 L   |                  |      |    |
| <b>Waste Class Name:</b> |                   | Aliphatic solvents and residues                       |                  |      |    |
| <b>Waste Class:</b>      |                   | 145 I   |                  |      |    |
| <b>Waste Class Name:</b> |                   | Wastes from the use of pigments, coatings and paints  |                  |      |    |

[35](#)      37 of 37      **ESE/284.7**      **84.9 / -4.00**      **Minto Commercial Inc.**  
**3000 Merivale Road 73 Leikin Drive (formerly**  
**3000 Merivale Road)**  
**Ottawa ON K2G6N7**      **GEN**

**Generator No:** ON9464946  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** As of Oct 2022  
**PO Box No:**  
**Country:** Canada  
**Status:** Registered  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 212 L  
**Waste Class Name:** ALIPHATIC SOLVENTS

**Waste Class:** 145 I  
**Waste Class Name:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 251 L  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 121 C  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 146 T  
**Waste Class Name:** OTHER SPECIFIED INORGANICS

[36](#)      1 of 1      **ENE/285.5**      **80.8 / -8.06**      **lot 19 con A**  
**ON**      **WWIS**

**Well ID:** 1504097      **Flowing (Y/N):**  
**Construction Date:**      **Flow Rate:**  
**Use 1st:** Domestic      **Data Entry Status:**  
**Use 2nd:** 0      **Data Src:** 1  
**Final Well Status:** Water Supply      **Date Received:** 11/07/1956  
**Water Type:**      **Selected Flag:** TRUE  
**Casing Material:**      **Abandonment Rec:**  
**Audit No:**      **Contractor:** 4216  
**Tag:**      **Form Version:** 1  
**Constructn Method:**      **Owner:**  
**Elevation (m):**      **County:** OTTAWA-CARLETON  
**Elevatn Reliabilty:**      **Lot:** 019

| Map Key                                  | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m) | Site             | DB                              |
|--|-------------------|---|------------------|------------------|---------------------------------|
| Depth to Bedrock:                        |                   |   |                  | Concession:      | A                               |
| Well Depth:                              |                   |   |                  | Concession Name: | RF                              |
| Overburden/Bedrock:                      |                   |   |                  | Easting NAD83:   |                                 |
| Pump Rate:                               |                   |   |                  | Northing NAD83:  |                                 |
| Static Water Level:                      |                   |   |                  | Zone:            |                                 |
| Clear/Cloudy:                            |                   |   |                  | UTM Reliability: |                                 |
| Municipality:                            |                   | NEPEAN TOWNSHIP   |                  |                  |                                 |
| Site Info:                               |                   |   |                  |                  |                                 |
| PDF URL (Map):                           |                   | https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504097.pdf |                  |                  |                                 |
| <b><u>Additional Detail(s) (Map)</u></b> |                   |   |                  |                  |                                 |
| Well Completed Date:                     |                   | 09/12/1956  |                  |                  |                                 |
| Year Completed:                          |                   | 1956  |                  |                  |                                 |
| Depth (m):                               |                   | 21.336  |                  |                  |                                 |
| Latitude:                                |                   | 45.3022946343994  |                  |                  |                                 |
| Longitude:                               |                   | -75.7019066592065   |                  |                  |                                 |
| X:                                       |                   | -75.70190649741836  |                  |                  |                                 |
| Y:                                       |                   | 45.30229462682422   |                  |                  |                                 |
| Path:                                    |                   | 150\1504097.pdf   |                  |                  |                                 |
| <b><u>Bore Hole Information</u></b>      |                   |   |                  |                  |                                 |
| Bore Hole ID:                            | 10026140          |   |                  | Elevation:       |                                 |
| DP2BR:                                   |                   |   |                  | Elevrc:          |                                 |
| Spatial Status:                          |                   |   |                  | Zone:            | 18                              |
| Code OB:                                 |                   |   |                  | East83:          | 444970.70                       |
| Code OB Desc:                            |                   |   |                  | North83:         | 5016772.00                      |
| Open Hole:                               |                   |   |                  | Org CS:          |                                 |
| Cluster Kind:                            |                   |   |                  | UTMRC:           | 5                               |
| Date Completed:                          | 09/12/1956        |   |                  | UTMRC Desc:      | margin of error : 100 m - 300 m |
| Remarks:                                 |                   |   |                  | Location Method: | p5                              |
| Location Method Desc:                    |                   | Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m                              |                  |                  |                                 |
| Elevrc Desc:                             |                   |   |                  |                  |                                 |
| Location Source Date:                    |                   |   |                  |                  |                                 |
| Improvement Location Source:             |                   |   |                  |                  |                                 |
| Improvement Location Method:             |                   |   |                  |                  |                                 |
| Source Revision Comment:                 |                   |   |                  |                  |                                 |
| Supplier Comment:                        |                   |   |                  |                  |                                 |
| <b><u>Overburden and Bedrock</u></b>     |                   |   |                  |                  |                                 |
| <b><u>Materials Interval</u></b>         |                   |   |                  |                  |                                 |
| Formation ID:                            | 930998395         |   |                  |                  |                                 |
| Layer:                                   | 2                 |   |                  |                  |                                 |
| Color:                                   |                   |   |                  |                  |                                 |
| General Color:                           |                   |   |                  |                  |                                 |
| Material 1:                              | 18                |   |                  |                  |                                 |
| Material 1 Desc:                         | SANDSTONE         |   |                  |                  |                                 |
| Material 2:                              |                   |   |                  |                  |                                 |
| Material 2 Desc:                         |                   |   |                  |                  |                                 |
| Material 3:                              |                   |   |                  |                  |                                 |
| Material 3 Desc:                         |                   |   |                  |                  |                                 |
| Formation Top Depth:                     | 54.0              |   |                  |                  |                                 |
| Formation End Depth:                     | 70.0              |   |                  |                  |                                 |
| Formation End Depth UOM:                 | ft                |   |                  |                  |                                 |
| <b><u>Overburden and Bedrock</u></b>     |                   |   |                  |                  |                                 |
| <b><u>Materials Interval</u></b>         |                   |   |                  |                  |                                 |
| Formation ID:                            | 930998394         |   |                  |                  |                                 |

| <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>Layer:</b>                                       |                          | 1                                  |                          |             |           |
| <b>Color:</b>                                       |                          |                                    |                          |             |           |
| <b>General Color:</b>                               |                          |                                    |                          |             |           |
| <b>Material 1:</b>                                  |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>                             |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>                                  |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                             |                          |                                    |                          |             |           |
| <b>Material 3:</b>                                  |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                             |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                         |                          | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                         |                          | 54.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                     |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b> |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                      |                          | 961504097                          |                          |             |           |
| <b>Method Construction Code:</b>                    |                          | 1                                  |                          |             |           |
| <b>Method Construction:</b>                         |                          | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>                   |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                      |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>                                     |                          | 10574710                           |                          |             |           |
| <b>Casing No:</b>                                   |                          | 1                                  |                          |             |           |
| <b>Comment:</b>                                     |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                    |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                   |                          | 930045009                          |                          |             |           |
| <b>Layer:</b>                                       |                          | 2                                  |                          |             |           |
| <b>Material:</b>                                    |                          | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                       |                          | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                                  |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                    |                          | 70.0                               |                          |             |           |
| <b>Casing Diameter:</b>                             |                          | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                         |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                            |                          | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>          |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                   |                          | 930045008                          |                          |             |           |
| <b>Layer:</b>                                       |                          | 1                                  |                          |             |           |
| <b>Material:</b>                                    |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                       |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                  |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                    |                          | 54.0                               |                          |             |           |
| <b>Casing Diameter:</b>                             |                          | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                         |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                            |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>         |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                    |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                                |                          | 991504097                          |                          |             |           |
| <b>Pump Set At:</b>                                 |                          |                                    |                          |             |           |
| <b>Static Level:</b>                                |                          | 18.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>                   |                          | 22.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>                      |                          |                                    |                          |             |           |
| <b>Pumping Rate:</b>                                |                          | 6.0                                |                          |             |           |
| <b>Flowing Rate:</b>                                |                          |                                    |                          |             |           |

| Map Key                       | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|-------------------------------|-------------------|----------------------------|------------------|------|----|
| <b>Recommended Pump Rate:</b> |                   |                            |                  |      |    |
| Levels UOM:                   |                   | ft                         |                  |      |    |
| Rate UOM:                     |                   | GPM                        |                  |      |    |
| Water State After Test Code:  |                   | 1                          |                  |      |    |
| Water State After Test:       |                   | CLEAR                      |                  |      |    |
| Pumping Test Method:          |                   | 1                          |                  |      |    |
| Pumping Duration HR:          |                   |                            |                  |      |    |
| Pumping Duration MIN:         |                   |                            |                  |      |    |
| Flowing:                      |                   | No                         |                  |      |    |
| <b>Water Details</b>          |                   |                            |                  |      |    |
| Water ID:                     |                   | 933457175                  |                  |      |    |
| Layer:                        |                   | 1                          |                  |      |    |
| Kind Code:                    |                   | 1                          |                  |      |    |
| Kind:                         |                   | FRESH                      |                  |      |    |
| Water Found Depth:            |                   | 54.0                       |                  |      |    |
| Water Found Depth UOM:        |                   | ft                         |                  |      |    |

| <u>37</u>                  | 1 of 1         | ENE/285.5 | 80.8 / -8.06 | ON                        | BORE           |
|----------------------------|----------------|-----------|--------------|---------------------------|----------------|
| <b>Borehole ID:</b>        | 612159         |           |              | <b>Inclin FLG:</b>        | No             |
| <b>OGF ID:</b>             | 215513468      |           |              | <b>SP Status:</b>         | Initial Entry  |
| <b>Status:</b>             |                |           |              | <b>Surv Elev:</b>         | No             |
| <b>Type:</b>               | Borehole       |           |              | <b>Piezometer:</b>        | No             |
| <b>Use:</b>                |                |           |              | <b>Primary Name:</b>      |                |
| <b>Completion Date:</b>    | SEP-1956       |           |              | <b>Municipality:</b>      |                |
| <b>Static Water Level:</b> |                |           |              | <b>Lot:</b>               |                |
| <b>Primary Water Use:</b>  |                |           |              | <b>Township:</b>          |                |
| <b>Sec. Water Use:</b>     |                |           |              | <b>Latitude DD:</b>       | 45.302296      |
| <b>Total Depth m:</b>      | 21.3           |           |              | <b>Longitude DD:</b>      | -75.701907     |
| <b>Depth Ref:</b>          | Ground Surface |           |              | <b>UTM Zone:</b>          | 18             |
| <b>Depth Elev:</b>         |                |           |              | <b>Easting:</b>           | 444971         |
| <b>Drill Method:</b>       |                |           |              | <b>Northing:</b>          | 5016772        |
| <b>Orig Ground Elev m:</b> | 88.4           |           |              | <b>Location Accuracy:</b> |                |
| <b>Elev Reliabil Note:</b> |                |           |              | <b>Accuracy:</b>          | Not Applicable |
| <b>DEM Ground Elev m:</b>  | 89.1           |           |              |                           |                |
| <b>Concession:</b>         |                |           |              |                           |                |
| <b>Location D:</b>         |                |           |              |                           |                |
| <b>Survey D:</b>           |                |           |              |                           |                |
| <b>Comments:</b>           |                |           |              |                           |                |

**Borehole Geology Stratum**

|                                  |  |  |  |                            |  |
|----------------------------------|--|--|--|----------------------------|--|
| <b>Geology Stratum ID:</b>       | 218390226  |  |  | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>                | 16.5   |  |  | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>             | 21.3   |  |  | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>           |  |  |  | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>               | Sandstone  |  |  | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>               |  |  |  | <b>Geologic Group:</b>     |  |
| <b>Material 3:</b>               |  |  |  | <b>Geologic Period:</b>    |  |
| <b>Material 4:</b>               |  |  |  | <b>Depositional Gen:</b>   |  |
| <b>Gsc Material Description:</b> |  |  |  |                            |  |
| <b>Stratum Description:</b>      | SANDSTONE. 00054Y = 1400. UNSPECIFIED. SEISMIC VELOCITY = 3800. BEDROCK. SEISMIC VELOCITY =<br>**Note: Many records provided by the department have a truncated [Stratum Description] field. |  |  |                            |  |

|                            |           |  |  |                            |  |
|----------------------------|-----------|--|--|----------------------------|--|
| <b>Geology Stratum ID:</b> | 218390225 |  |  | <b>Mat Consistency:</b>    |  |
| <b>Top Depth:</b>          | 0         |  |  | <b>Material Moisture:</b>  |  |
| <b>Bottom Depth:</b>       | 16.5      |  |  | <b>Material Texture:</b>   |  |
| <b>Material Color:</b>     |           |  |  | <b>Non Geo Mat Type:</b>   |  |
| <b>Material 1:</b>         | Clay      |  |  | <b>Geologic Formation:</b> |  |
| <b>Material 2:</b>         |           |  |  | <b>Geologic Group:</b>     |  |



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

Material 3:  
Material 4:  
Gsc Material Description:  
Stratum Description: CLAY.

Geologic Period:  
Depositional Gen:

**Source**

Source Type: Data Survey  
Source Orig: Geological Survey of Canada  
Source Date: 1956-1972  
Confidence:  
Observatio:  
Source Name: Urban Geology Automated Information System (UGAIS)  
Source Details: File: OTTAWA1.txt RecordID: 04667 NTS\_Sheet:  
Confiden 1:

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

**Source List**

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

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

**38**      1 of 1      **E/289.0**      **82.6 / -6.31**      **lot 18 con A ON**      **WWIS**

Well ID: 1504087  
Construction Date:  
Use 1st: Domestic  
Use 2nd: 0  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No:  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 09/01/1954  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 3701  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession: A  
Concession Name: RF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/150\1504087.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504087.pdf)

**Additional Detail(s) (Map)**

Well Completed Date: 08/18/1954  
Year Completed: 1954  
Depth (m): 44.5008  
Latitude: 45.2979675954404  
Longitude: -75.7029373748223  
X: -75.70293721361938  
Y: 45.297967587933826  
Path: 150\1504087.pdf

| <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>Bore Hole Information</u></b>  |                          |  |                          |                         |             |
| <b>Bore Hole ID:</b>                 | 10026130                 |  |                          | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                        |                          |  |                          | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>               |                          |  |                          | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                      |                          |  |                          | <b>East83:</b>          | 444885.70   |
| <b>Code OB Desc:</b>                 |                          |  |                          | <b>North83:</b>         | 5016292.00  |
| <b>Open Hole:</b>                    |                          |  |                          | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                 |                          |  |                          | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>               | 08/18/1954               |  |                          | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                      |                          |  |                          | <b>Location Method:</b> | p9          |
| <b>Location Method Desc:</b>         |                          | Original Pre1985 UTM Rel Code 9: unknown UTM |                          |                         |             |
| <b>Elevrc Desc:</b>                  |                          |  |                          |                         |             |
| <b>Location Source Date:</b>         |                          |  |                          |                         |             |
| <b>Improvement Location Source:</b>  |                          |  |                          |                         |             |
| <b>Improvement Location Method:</b>  |                          |  |                          |                         |             |
| <b>Source Revision Comment:</b>      |                          |  |                          |                         |             |
| <b>Supplier Comment:</b>             |                          |  |                          |                         |             |
| <b><u>Overburden and Bedrock</u></b> |                          |  |                          |                         |             |
| <b><u>Materials Interval</u></b>     |                          |  |                          |                         |             |
| <b>Formation ID:</b>                 | 930998367                |  |                          |                         |             |
| <b>Layer:</b>                        | 2                        |  |                          |                         |             |
| <b>Color:</b>                        |                          |  |                          |                         |             |
| <b>General Color:</b>                |                          |  |                          |                         |             |
| <b>Material 1:</b>                   | 14                       |  |                          |                         |             |
| <b>Material 1 Desc:</b>              | HARDPAN                  |  |                          |                         |             |
| <b>Material 2:</b>                   |                          |  |                          |                         |             |
| <b>Material 2 Desc:</b>              |                          |  |                          |                         |             |
| <b>Material 3:</b>                   |                          |  |                          |                         |             |
| <b>Material 3 Desc:</b>              |                          |  |                          |                         |             |
| <b>Formation Top Depth:</b>          | 46.0                     |  |                          |                         |             |
| <b>Formation End Depth:</b>          | 60.0                     |  |                          |                         |             |
| <b>Formation End Depth UOM:</b>      | ft                       |  |                          |                         |             |
| <b><u>Overburden and Bedrock</u></b> |                          |  |                          |                         |             |
| <b><u>Materials Interval</u></b>     |                          |  |                          |                         |             |
| <b>Formation ID:</b>                 | 930998368                |  |                          |                         |             |
| <b>Layer:</b>                        | 3                        |  |                          |                         |             |
| <b>Color:</b>                        |                          |  |                          |                         |             |
| <b>General Color:</b>                |                          |  |                          |                         |             |
| <b>Material 1:</b>                   | 09                       |  |                          |                         |             |
| <b>Material 1 Desc:</b>              | MEDIUM SAND              |  |                          |                         |             |
| <b>Material 2:</b>                   |                          |  |                          |                         |             |
| <b>Material 2 Desc:</b>              |                          |  |                          |                         |             |
| <b>Material 3:</b>                   |                          |  |                          |                         |             |
| <b>Material 3 Desc:</b>              |                          |  |                          |                         |             |
| <b>Formation Top Depth:</b>          | 60.0                     |  |                          |                         |             |
| <b>Formation End Depth:</b>          | 67.0                     |  |                          |                         |             |
| <b>Formation End Depth UOM:</b>      | ft                       |  |                          |                         |             |
| <b><u>Overburden and Bedrock</u></b> |                          |  |                          |                         |             |
| <b><u>Materials Interval</u></b>     |                          |  |                          |                         |             |
| <b>Formation ID:</b>                 | 930998369                |  |                          |                         |             |
| <b>Layer:</b>                        | 4                        |  |                          |                         |             |
| <b>Color:</b>                        |                          |  |                          |                         |             |
| <b>General Color:</b>                |                          |  |                          |                         |             |
| <b>Material 1:</b>                   | 15                       |  |                          |                         |             |
| <b>Material 1 Desc:</b>              | LIMESTONE                |  |                          |                         |             |
| <b>Material 2:</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>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 67.0                               |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 102.0                              |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <br>  |                          |                                    |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>            |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                          | 930998370                          |                          |             |           |
| <b>Layer:</b>                                   |                          | 5                                  |                          |             |           |
| <b>Color:</b>                                   |                          |                                    |                          |             |           |
| <b>General Color:</b>                           |                          |                                    |                          |             |           |
| <b>Material 1:</b>                              |                          | 18                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                          | SANDSTONE                          |                          |             |           |
| <b>Material 2:</b>                              |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 102.0                              |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 146.0                              |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <br>  |                          |                                    |                          |             |           |
| <b><u>Overburden and Bedrock</u></b>            |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>                |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                            |                          | 930998366                          |                          |             |           |
| <b>Layer:</b>                                   |                          | 1                                  |                          |             |           |
| <b>Color:</b>                                   |                          |                                    |                          |             |           |
| <b>General Color:</b>                           |                          |                                    |                          |             |           |
| <b>Material 1:</b>                              |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>                         |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>                              |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Material 3:</b>                              |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>                         |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>                     |                          | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>                     |                          | 46.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>                 |                          | ft                                 |                          |             |           |
| <br>  |                          |                                    |                          |             |           |
| <b><u>Method of Construction &amp; Well</u></b> |                          |                                    |                          |             |           |
| <b><u>Use</u></b>                               |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                  |                          | 961504087                          |                          |             |           |
| <b>Method Construction Code:</b>                |                          | 1                                  |                          |             |           |
| <b>Method Construction:</b>                     |                          | Cable Tool                         |                          |             |           |
| <b>Other Method Construction:</b>               |                          |                                    |                          |             |           |
| <br>  |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                  |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>                                 |                          | 10574700                           |                          |             |           |
| <b>Casing No:</b>                               |                          | 1                                  |                          |             |           |
| <b>Comment:</b>                                 |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                |                          |                                    |                          |             |           |
| <br>  |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>      |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                               |                          | 930044991                          |                          |             |           |
| <b>Layer:</b>                                   |                          | 2                                  |                          |             |           |
| <b>Material:</b>                                |                          | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                   |                          | OPEN HOLE                          |                          |             |           |

| <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>Depth From:</b>                          |                          |                                    |                          |             |           |
| <b>Depth To:</b>                            |                          | 146.0                              |                          |             |           |
| <b>Casing Diameter:</b>                     |                          | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                          | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>  |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                           |                          | 930044990                          |                          |             |           |
| <b>Layer:</b>                               |                          | 1                                  |                          |             |           |
| <b>Material:</b>                            |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>               |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                          |                          |                                    |                          |             |           |
| <b>Depth To:</b>                            |                          | 82.0                               |                          |             |           |
| <b>Casing Diameter:</b>                     |                          | 4.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                 |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                    |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b> |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>            |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                        |                          | 991504087                          |                          |             |           |
| <b>Pump Set At:</b>                         |                          |                                    |                          |             |           |
| <b>Static Level:</b>                        |                          | 30.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>           |                          | 80.0                               |                          |             |           |
| <b>Recommended Pump Depth:</b>              |                          |                                    |                          |             |           |
| <b>Pumping Rate:</b>                        |                          | 8.0                                |                          |             |           |
| <b>Flowing Rate:</b>                        |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>               |                          |                                    |                          |             |           |
| <b>Levels UOM:</b>                          |                          | ft                                 |                          |             |           |
| <b>Rate UOM:</b>                            |                          | GPM                                |                          |             |           |
| <b>Water State After Test Code:</b>         |                          | 1                                  |                          |             |           |
| <b>Water State After Test:</b>              |                          | CLEAR                              |                          |             |           |
| <b>Pumping Test Method:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration HR:</b>                 |                          | 1                                  |                          |             |           |
| <b>Pumping Duration MIN:</b>                |                          | 0                                  |                          |             |           |
| <b>Flowing:</b>                             |                          | No                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                          |                                    |                          |             |           |
| <b>Water ID:</b>                            |                          | 933457158                          |                          |             |           |
| <b>Layer:</b>                               |                          | 1                                  |                          |             |           |
| <b>Kind Code:</b>                           |                          | 1                                  |                          |             |           |
| <b>Kind:</b>                                |                          | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                   |                          | 100.0                              |                          |             |           |
| <b>Water Found Depth UOM:</b>               |                          | ft                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                          |                                    |                          |             |           |
| <b>Water ID:</b>                            |                          | 933457160                          |                          |             |           |
| <b>Layer:</b>                               |                          | 3                                  |                          |             |           |
| <b>Kind Code:</b>                           |                          | 1                                  |                          |             |           |
| <b>Kind:</b>                                |                          | FRESH                              |                          |             |           |
| <b>Water Found Depth:</b>                   |                          | 146.0                              |                          |             |           |
| <b>Water Found Depth UOM:</b>               |                          | ft                                 |                          |             |           |
| <b><u>Water Details</u></b>                 |                          |                                    |                          |             |           |
| <b>Water ID:</b>                            |                          | 933457159                          |                          |             |           |
| <b>Layer:</b>                               |                          | 2                                  |                          |             |           |
| <b>Kind Code:</b>                           |                          | 1                                  |                          |             |           |
| <b>Kind:</b>                                |                          | FRESH                              |                          |             |           |

| Map Key                | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site | DB |
|------------------------|-------------------|----------------------------|------------------|------|----|
| Water Found Depth:     |                   | 135.0                      |                  |      |    |
| Water Found Depth UOM: |                   | ft                         |                  |      |    |

|                             |                 |           |              |                           |                 |
|-----------------------------|-----------------|-----------|--------------|---------------------------|-----------------|
| <a href="#">39</a>          | 1 of 1          | ENE/291.0 | 82.9 / -5.97 | lot 19 con A<br>ON        | WWIS            |
| <b>Well ID:</b>             | 1533419         |           |              | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>   |                 |           |              | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>             | Domestic        |           |              | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>             |                 |           |              | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>   | Water Supply    |           |              | <b>Date Received:</b>     | 12/17/2002      |
| <b>Water Type:</b>          |                 |           |              | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>     |                 |           |              | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>            | 250443          |           |              | <b>Contractor:</b>        | 1558            |
| <b>Tag:</b>                 |                 |           |              | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>   |                 |           |              | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>       |                 |           |              | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliability:</b> |                 |           |              | <b>Lot:</b>               | 019             |
| <b>Depth to Bedrock:</b>    |                 |           |              | <b>Concession:</b>        | A               |
| <b>Well Depth:</b>          |                 |           |              | <b>Concession Name:</b>   | RF              |
| <b>Overburden/Bedrock:</b>  |                 |           |              | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>           |                 |           |              | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b>  |                 |           |              | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>        |                 |           |              | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>        | NEPEAN TOWNSHIP |           |              |                           |                 |
| <b>Site Info:</b>           |                 |           |              |                           |                 |

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/153\1533419.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533419.pdf)

**Additional Detail(s) (Map)**

**Well Completed Date:** 10/02/2002  
**Year Completed:** 2002  
**Depth (m):** 75.5904  
**Latitude:** 45.3033002587591  
**Longitude:** -75.7023195877466  
**X:** -75.70231942668175  
**Y:** 45.30330025204108  
**Path:** 153\1533419.pdf

**Bore Hole Information**

|                                     |              |                         |             |
|-------------------------------------|--------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10530166     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |              | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |              | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |              | <b>East83:</b>          | 444939.30   |
| <b>Code OB Desc:</b>                |              | <b>North83:</b>         | 5016884.00  |
| <b>Open Hole:</b>                   |              | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |              | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 10/02/2002   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |              | <b>Location Method:</b> | lot         |
| <b>Location Method Desc:</b>        | Lot centroid |                         |             |
| <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>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>Formation ID:</b>                 |                          | 932881077                          |                          |             |           |
| <b>Layer:</b>                        |                          | 1                                  |                          |             |           |
| <b>Color:</b>                        |                          | 6                                  |                          |             |           |
| <b>General Color:</b>                |                          | BROWN                              |                          |             |           |
| <b>Material 1:</b>                   |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>              |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>                   |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Material 3:</b>                   |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>          |                          | 0.0                                |                          |             |           |
| <b>Formation End Depth:</b>          |                          | 12.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>      |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b> |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>     |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                 |                          | 932881080                          |                          |             |           |
| <b>Layer:</b>                        |                          | 4                                  |                          |             |           |
| <b>Color:</b>                        |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>                   |                          | 18                                 |                          |             |           |
| <b>Material 1 Desc:</b>              |                          | SANDSTONE                          |                          |             |           |
| <b>Material 2:</b>                   |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Material 3:</b>                   |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>          |                          | 67.0                               |                          |             |           |
| <b>Formation End Depth:</b>          |                          | 248.0                              |                          |             |           |
| <b>Formation End Depth UOM:</b>      |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b> |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>     |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                 |                          | 932881079                          |                          |             |           |
| <b>Layer:</b>                        |                          | 3                                  |                          |             |           |
| <b>Color:</b>                        |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>                   |                          | 28                                 |                          |             |           |
| <b>Material 1 Desc:</b>              |                          | SAND                               |                          |             |           |
| <b>Material 2:</b>                   |                          | 13                                 |                          |             |           |
| <b>Material 2 Desc:</b>              |                          | BOULDERS                           |                          |             |           |
| <b>Material 3:</b>                   |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>          |                          | 62.0                               |                          |             |           |
| <b>Formation End Depth:</b>          |                          | 67.0                               |                          |             |           |
| <b>Formation End Depth UOM:</b>      |                          | ft                                 |                          |             |           |
| <b><u>Overburden and Bedrock</u></b> |                          |                                    |                          |             |           |
| <b><u>Materials Interval</u></b>     |                          |                                    |                          |             |           |
| <b>Formation ID:</b>                 |                          | 932881078                          |                          |             |           |
| <b>Layer:</b>                        |                          | 2                                  |                          |             |           |
| <b>Color:</b>                        |                          | 2                                  |                          |             |           |
| <b>General Color:</b>                |                          | GREY                               |                          |             |           |
| <b>Material 1:</b>                   |                          | 05                                 |                          |             |           |
| <b>Material 1 Desc:</b>              |                          | CLAY                               |                          |             |           |
| <b>Material 2:</b>                   |                          |                                    |                          |             |           |
| <b>Material 2 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Material 3:</b>                   |                          |                                    |                          |             |           |
| <b>Material 3 Desc:</b>              |                          |                                    |                          |             |           |
| <b>Formation Top Depth:</b>          |                          | 12.0                               |                          |             |           |
| <b>Formation End Depth:</b>          |                          | 62.0                               |                          |             |           |

| <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>Formation End Depth UOM:</b>                        |                          | ft                                 |                          |             |           |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |             |           |
| <b>Plug ID:</b>  |                          | 933230478                          |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Plug From:</b>                                      |                          | 0.0                                |                          |             |           |
| <b>Plug To:</b>  |                          | 69.0                               |                          |             |           |
| <b>Plug Depth UOM:</b>                                 |                          | ft                                 |                          |             |           |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                    |                          |             |           |
| <b>Method Construction ID:</b>                         |                          | 961533419                          |                          |             |           |
| <b>Method Construction Code:</b>                       |                          | 4                                  |                          |             |           |
| <b>Method Construction:</b>                            |                          | Rotary (Air)                       |                          |             |           |
| <b>Other Method Construction:</b>                      |                          |                                    |                          |             |           |
| <b><u>Pipe Information</u></b>                         |                          |                                    |                          |             |           |
| <b>Pipe ID:</b>  |                          | 11078736                           |                          |             |           |
| <b>Casing No:</b>                                      |                          | 1                                  |                          |             |           |
| <b>Comment:</b>  |                          |                                    |                          |             |           |
| <b>Alt Name:</b>                                       |                          |                                    |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                      |                          | 930096913                          |                          |             |           |
| <b>Layer:</b>  |                          | 1                                  |                          |             |           |
| <b>Material:</b>                                       |                          | 1                                  |                          |             |           |
| <b>Open Hole or Material:</b>                          |                          | STEEL                              |                          |             |           |
| <b>Depth From:</b>                                     |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                       |                          |                                    |                          |             |           |
| <b>Casing Diameter:</b>                                |                          | 6.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                            |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                               |                          | ft                                 |                          |             |           |
| <b><u>Construction Record - Casing</u></b>             |                          |                                    |                          |             |           |
| <b>Casing ID:</b>                                      |                          | 930096914                          |                          |             |           |
| <b>Layer:</b>  |                          | 2                                  |                          |             |           |
| <b>Material:</b>                                       |                          | 4                                  |                          |             |           |
| <b>Open Hole or Material:</b>                          |                          | OPEN HOLE                          |                          |             |           |
| <b>Depth From:</b>                                     |                          |                                    |                          |             |           |
| <b>Depth To:</b>                                       |                          |                                    |                          |             |           |
| <b>Casing Diameter:</b>                                |                          | 5.0                                |                          |             |           |
| <b>Casing Diameter UOM:</b>                            |                          | inch                               |                          |             |           |
| <b>Casing Depth UOM:</b>                               |                          | ft                                 |                          |             |           |
| <b><u>Results of Well Yield Testing</u></b>            |                          |                                    |                          |             |           |
| <b>Pumping Test Method Desc:</b>                       |                          | PUMP                               |                          |             |           |
| <b>Pump Test ID:</b>                                   |                          | 991533419                          |                          |             |           |
| <b>Pump Set At:</b>                                    |                          |                                    |                          |             |           |
| <b>Static Level:</b>                                   |                          | 42.0                               |                          |             |           |
| <b>Final Level After Pumping:</b>                      |                          | 175.0                              |                          |             |           |
| <b>Recommended Pump Depth:</b>                         |                          | 225.0                              |                          |             |           |
| <b>Pumping Rate:</b>                                   |                          | 6.0                                |                          |             |           |
| <b>Flowing Rate:</b>                                   |                          |                                    |                          |             |           |
| <b>Recommended Pump Rate:</b>                          |                          | 5.0                                |                          |             |           |

| <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>Levels UOM:</i>                         |                          |                                | ft                   |             |           |
| <i>Rate UOM:</i>                           |                          |                                | GPM                  |             |           |
| <i>Water State After Test Code:</i>        |                          |                                | 2                    |             |           |
| <i>Water State After Test:</i>             |                          |                                | CLOUDY               |             |           |
| <i>Pumping Test Method:</i>                |                          |                                | 1                    |             |           |
| <i>Pumping Duration HR:</i>                |                          |                                | 1                    |             |           |
| <i>Pumping Duration MIN:</i>               |                          |                                | 0                    |             |           |
| <i>Flowing:</i>                            |                          |                                | No                   |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                |                      |             |           |
| <i>Pump Test Detail ID:</i>                |                          |                                | 934395030            |             |           |
| <i>Test Type:</i>                          |                          |                                | Draw Down            |             |           |
| <i>Test Duration:</i>                      |                          |                                | 30                   |             |           |
| <i>Test Level:</i>                         |                          |                                | 200.0                |             |           |
| <i>Test Level UOM:</i>                     |                          |                                | ft                   |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                |                      |             |           |
| <i>Pump Test Detail ID:</i>                |                          |                                | 934912435            |             |           |
| <i>Test Type:</i>                          |                          |                                | Draw Down            |             |           |
| <i>Test Duration:</i>                      |                          |                                | 60                   |             |           |
| <i>Test Level:</i>                         |                          |                                | 240.0                |             |           |
| <i>Test Level UOM:</i>                     |                          |                                | ft                   |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                |                      |             |           |
| <i>Pump Test Detail ID:</i>                |                          |                                | 934664310            |             |           |
| <i>Test Type:</i>                          |                          |                                | Draw Down            |             |           |
| <i>Test Duration:</i>                      |                          |                                | 45                   |             |           |
| <i>Test Level:</i>                         |                          |                                | 222.0                |             |           |
| <i>Test Level UOM:</i>                     |                          |                                | ft                   |             |           |
| <br><b><u>Draw Down &amp; Recovery</u></b> |                          |                                |                      |             |           |
| <i>Pump Test Detail ID:</i>                |                          |                                | 934120176            |             |           |
| <i>Test Type:</i>                          |                          |                                | Draw Down            |             |           |
| <i>Test Duration:</i>                      |                          |                                | 15                   |             |           |
| <i>Test Level:</i>                         |                          |                                | 175.0                |             |           |
| <i>Test Level UOM:</i>                     |                          |                                | ft                   |             |           |
| <br><b><u>Water Details</u></b>            |                          |                                |                      |             |           |
| <i>Water ID:</i>                           |                          |                                | 934022887            |             |           |
| <i>Layer:</i>                              |                          |                                | 2                    |             |           |
| <i>Kind Code:</i>                          |                          |                                | 5                    |             |           |
| <i>Kind:</i>                               |                          |                                | Not stated           |             |           |
| <i>Water Found Depth:</i>                  |                          |                                | 239.0                |             |           |
| <i>Water Found Depth UOM:</i>              |                          |                                | ft                   |             |           |
| <br><b><u>Water Details</u></b>            |                          |                                |                      |             |           |
| <i>Water ID:</i>                           |                          |                                | 934022886            |             |           |
| <i>Layer:</i>                              |                          |                                | 1                    |             |           |
| <i>Kind Code:</i>                          |                          |                                | 5                    |             |           |
| <i>Kind:</i>                               |                          |                                | Not stated           |             |           |
| <i>Water Found Depth:</i>                  |                          |                                | 132.0                |             |           |
| <i>Water Found Depth UOM:</i>              |                          |                                | ft                   |             |           |



| Map Key            | Number of Records | Direction/<br>Distance (m) | Elev/Diff<br>(m) | Site               | DB   |
|--------------------|-------------------|----------------------------|------------------|--------------------|------|
| <a href="#">40</a> | 1 of 2            | ENE/294.2                  | 82.9 / -5.97     | lot 19 con A<br>ON | WWIS |

|                            |                  |                           |                 |
|----------------------------|------------------|---------------------------|-----------------|
| <b>Well ID:</b>            | 1527674          | <b>Flowing (Y/N):</b>     |                 |
| <b>Construction Date:</b>  |                  | <b>Flow Rate:</b>         |                 |
| <b>Use 1st:</b>            | Not Used         | <b>Data Entry Status:</b> |                 |
| <b>Use 2nd:</b>            |                  | <b>Data Src:</b>          | 1               |
| <b>Final Well Status:</b>  | Abandoned-Supply | <b>Date Received:</b>     | 02/07/1994      |
| <b>Water Type:</b>         |                  | <b>Selected Flag:</b>     | TRUE            |
| <b>Casing Material:</b>    |                  | <b>Abandonment Rec:</b>   |                 |
| <b>Audit No:</b>           | 143948           | <b>Contractor:</b>        | 6841            |
| <b>Tag:</b>                |                  | <b>Form Version:</b>      | 1               |
| <b>Constructn Method:</b>  |                  | <b>Owner:</b>             |                 |
| <b>Elevation (m):</b>      |                  | <b>County:</b>            | OTTAWA-CARLETON |
| <b>Elevatn Reliabilty:</b> |                  | <b>Lot:</b>               | 019             |
| <b>Depth to Bedrock:</b>   |                  | <b>Concession:</b>        | A               |
| <b>Well Depth:</b>         |                  | <b>Concession Name:</b>   | RF              |
| <b>Overburden/Bedrock:</b> |                  | <b>Easting NAD83:</b>     |                 |
| <b>Pump Rate:</b>          |                  | <b>Northing NAD83:</b>    |                 |
| <b>Static Water Level:</b> |                  | <b>Zone:</b>              |                 |
| <b>Clear/Cloudy:</b>       |                  | <b>UTM Reliability:</b>   |                 |
| <b>Municipality:</b>       | NEPEAN TOWNSHIP  |                           |                 |
| <b>Site Info:</b>          |                  |                           |                 |

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/152\1527674.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527674.pdf)

#### Additional Detail(s) (Map)

|                             |                    |
|-----------------------------|--------------------|
| <b>Well Completed Date:</b> | 02/01/1994         |
| <b>Year Completed:</b>      | 1994               |
| <b>Depth (m):</b>           |                    |
| <b>Latitude:</b>            | 45.3033005254149   |
| <b>Longitude:</b>           | -75.7022762227623  |
| <b>X:</b>                   | -75.70227606142404 |
| <b>Y:</b>                   | 45.3033005180411   |
| <b>Path:</b>                | 152\1527674.pdf    |

#### Bore Hole Information

|                                     |              |                         |             |
|-------------------------------------|--------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10049300     | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |              | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |              | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |              | <b>East83:</b>          | 444942.70   |
| <b>Code OB Desc:</b>                |              | <b>North83:</b>         | 5016884.00  |
| <b>Open Hole:</b>                   |              | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                |              | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>              | 02/01/1994   | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>                     |              | <b>Location Method:</b> | lot         |
| <b>Location Method Desc:</b>        | Lot centroid |                         |             |
| <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>            |              |                         |             |

#### Annular Space/Abandonment Sealing Record

|                   |           |
|-------------------|-----------|
| <b>Plug ID:</b>   | 933112635 |
| <b>Layer:</b>     | 1         |
| <b>Plug From:</b> | 0.0       |
| <b>Plug To:</b>   | 5.0       |

| Map Key  | Number of Records | Direction/<br>Distance (m)  | Elev/Diff<br>(m)    | Site                             | DB          |
|--|-------------------|---|---------------------|----------------------------------|-------------|
| <b>Plug Depth UOM:</b>                                 |                   | ft  |                     |                                  |             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |   |                     |                                  |             |
| <b>Plug ID:</b>  |                   | 933112637   |                     |                                  |             |
| <b>Layer:</b>  |                   | 3   |                     |                                  |             |
| <b>Plug From:</b>                                      |                   | 28.0  |                     |                                  |             |
| <b>Plug To:</b>  |                   | 33.0  |                     |                                  |             |
| <b>Plug Depth UOM:</b>                                 |                   | ft  |                     |                                  |             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                   |   |                     |                                  |             |
| <b>Plug ID:</b>  |                   | 933112636   |                     |                                  |             |
| <b>Layer:</b>  |                   | 2   |                     |                                  |             |
| <b>Plug From:</b>                                      |                   | 5.0   |                     |                                  |             |
| <b>Plug To:</b>  |                   | 28.0  |                     |                                  |             |
| <b>Plug Depth UOM:</b>                                 |                   | ft  |                     |                                  |             |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                   |   |                     |                                  |             |
| <b>Method Construction ID:</b>                         |                   | 961527674   |                     |                                  |             |
| <b>Method Construction Code:</b>                       |                   | 0   |                     |                                  |             |
| <b>Method Construction:</b>                            |                   | Not Known   |                     |                                  |             |
| <b>Other Method Construction:</b>                      |                   |   |                     |                                  |             |
| <b><u>Pipe Information</u></b>                         |                   |   |                     |                                  |             |
| <b>Pipe ID:</b>  |                   | 10597870  |                     |                                  |             |
| <b>Casing No:</b>                                      |                   | 1   |                     |                                  |             |
| <b>Comment:</b>  |                   |   |                     |                                  |             |
| <b>Alt Name:</b>                                       |                   |   |                     |                                  |             |
| <b>40</b>  | <b>2 of 2</b>     | <b>ENE/294.2</b>  | <b>82.9 / -5.97</b> | <b>lot 19 con A<br/>ON</b>       | <b>WWIS</b> |
| <b>Well ID:</b>  |                   | 1527675   |                     | <b>Flowing (Y/N):</b>            |             |
| <b>Construction Date:</b>                              |                   | Not Used  |                     | <b>Flow Rate:</b>                |             |
| <b>Use 1st:</b>  |                   |   |                     | <b>Data Entry Status:</b>        |             |
| <b>Use 2nd:</b>  |                   | Abandoned-Supply  |                     | <b>Data Src:</b> 1               |             |
| <b>Final Well Status:</b>                              |                   |   |                     | <b>Date Received:</b> 02/07/1994 |             |
| <b>Water Type:</b>                                     |                   |   |                     | <b>Selected Flag:</b> TRUE       |             |
| <b>Casing Material:</b>                                |                   |   |                     | <b>Abandonment Rec:</b>          |             |
| <b>Audit No:</b>                                       |                   | 143949  |                     | <b>Contractor:</b> 6841          |             |
| <b>Tag:</b>  |                   |   |                     | <b>Form Version:</b> 1           |             |
| <b>Constructn Method:</b>                              |                   |   |                     | <b>Owner:</b>                    |             |
| <b>Elevation (m):</b>                                  |                   |   |                     | <b>County:</b> OTTAWA-CARLETON   |             |
| <b>Elevatn Reliability:</b>                            |                   |   |                     | <b>Lot:</b> 019                  |             |
| <b>Depth to Bedrock:</b>                               |                   |   |                     | <b>Concession:</b> A             |             |
| <b>Well Depth:</b>                                     |                   |   |                     | <b>Concession Name:</b> RF       |             |
| <b>Overburden/Bedrock:</b>                             |                   |   |                     | <b>Easting NAD83:</b>            |             |
| <b>Pump Rate:</b>                                      |                   |   |                     | <b>Northing NAD83:</b>           |             |
| <b>Static Water Level:</b>                             |                   |   |                     | <b>Zone:</b>                     |             |
| <b>Clear/Cloudy:</b>                                   |                   |   |                     | <b>UTM Reliability:</b>          |             |
| <b>Municipality:</b>                                   |                   | NEPEAN TOWNSHIP   |                     |                                  |             |
| <b>Site Info:</b>                                      |                   |   |                     |                                  |             |
| <b>PDF URL (Map):</b>                                  |                   | <a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527675.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527675.pdf</a> |                     |                                  |             |

| <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>Additional Detail(s) (Map)</u></b>               |                          |                                    |                          |                         |             |
| <b>Well Completed Date:</b>                            |                          | 02/01/1994                         |                          |                         |             |
| <b>Year Completed:</b>                                 |                          | 1994                               |                          |                         |             |
| <b>Depth (m):</b>                                      |                          |                                    |                          |                         |             |
| <b>Latitude:</b>                                       |                          | 45.3033005254149                   |                          |                         |             |
| <b>Longitude:</b>                                      |                          | -75.7022762227623                  |                          |                         |             |
| <b>X:</b>  |                          | -75.70227606142404                 |                          |                         |             |
| <b>Y:</b>  |                          | 45.3033005180411                   |                          |                         |             |
| <b>Path:</b>   |                          | 152\1527675.pdf                    |                          |                         |             |
| <b><u>Bore Hole Information</u></b>                    |                          |                                    |                          |                         |             |
| <b>Bore Hole ID:</b>                                   | 10049301                 |                                    |                          | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>  |                          |                                    |                          | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>                                 |                          |                                    |                          | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>  |                          |                                    |                          | <b>East83:</b>          | 444942.70   |
| <b>Code OB Desc:</b>                                   |                          |                                    |                          | <b>North83:</b>         | 5016884.00  |
| <b>Open Hole:</b>                                      |                          |                                    |                          | <b>Org CS:</b>          |             |
| <b>Cluster Kind:</b>                                   |                          |                                    |                          | <b>UTMRC:</b>           | 9           |
| <b>Date Completed:</b>                                 | 02/01/1994               |                                    |                          | <b>UTMRC Desc:</b>      | unknown UTM |
| <b>Remarks:</b>  |                          |                                    |                          | <b>Location Method:</b> | lot         |
| <b>Location Method Desc:</b>                           | Lot centroid             |                                    |                          |                         |             |
| <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>  | 933112638                |                                    |                          |                         |             |
| <b>Layer:</b>  | 1                        |                                    |                          |                         |             |
| <b>Plug From:</b>                                      | 0.0                      |                                    |                          |                         |             |
| <b>Plug To:</b>  | 5.0                      |                                    |                          |                         |             |
| <b>Plug Depth UOM:</b>                                 | ft                       |                                    |                          |                         |             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |                         |             |
| <b>Plug ID:</b>  | 933112640                |                                    |                          |                         |             |
| <b>Layer:</b>  | 3                        |                                    |                          |                         |             |
| <b>Plug From:</b>                                      | 41.0                     |                                    |                          |                         |             |
| <b>Plug To:</b>  | 46.0                     |                                    |                          |                         |             |
| <b>Plug Depth UOM:</b>                                 | ft                       |                                    |                          |                         |             |
| <b><u>Annular Space/Abandonment Sealing Record</u></b> |                          |                                    |                          |                         |             |
| <b>Plug ID:</b>  | 933112639                |                                    |                          |                         |             |
| <b>Layer:</b>  | 2                        |                                    |                          |                         |             |
| <b>Plug From:</b>                                      | 5.0                      |                                    |                          |                         |             |
| <b>Plug To:</b>  | 41.0                     |                                    |                          |                         |             |
| <b>Plug Depth UOM:</b>                                 | ft                       |                                    |                          |                         |             |
| <b><u>Method of Construction &amp; Well Use</u></b>    |                          |                                    |                          |                         |             |
| <b>Method Construction ID:</b>                         | 961527675                |                                    |                          |                         |             |
| <b>Method Construction Code:</b>                       | 0                        |                                    |                          |                         |             |

| <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>Method Construction:</b>       |                          | Not Known                          |                          |  |            |
| <b>Other Method Construction:</b> |                          |                                    |                          |  |            |
| <b><u>Pipe Information</u></b>    |                          |                                    |                          |  |            |
| <b>Pipe ID:</b>                   |                          | 10597871                           |                          |  |            |
| <b>Casing No:</b>                 |                          | 1                                  |                          |  |            |
| <b>Comment:</b>                   |                          |                                    |                          |  |            |
| <b>Alt Name:</b>                  |                          |                                    |                          |  |            |
| <a href="#"><u>41</u></a>         | 1 of 1                   | <b>NE/295.7</b>                    | <b>83.1 / -5.80</b>      | <b>Del Management<br/>2746 Prince of Wales Dr.<br/>Ottawa ON K2C 3H1</b> | <b>GEN</b> |
| <b>Generator No:</b>              |                          | ON4759000                          |                          |  |            |
| <b>SIC Code:</b>                  |                          | 531310                             |                          |  |            |
| <b>SIC Description:</b>           |                          |                                    |                          |  |            |
| <b>Approval Years:</b>            |                          | 2011                               |                          |  |            |
| <b>PO Box No:</b>                 |                          |                                    |                          |  |            |
| <b>Country:</b>                   |                          |                                    |                          |  |            |
| <b>Status:</b>                    |                          |                                    |                          |  |            |
| <b>Co Admin:</b>                  |                          |                                    |                          |  |            |
| <b>Choice of Contact:</b>         |                          |                                    |                          |  |            |
| <b>Phone No Admin:</b>            |                          |                                    |                          |  |            |
| <b>Contaminated Facility:</b>     |                          |                                    |                          |  |            |
| <b>MHSW Facility:</b>             |                          |                                    |                          |  |            |

# Unplottable Summary

Total: **78** Unplottable sites

| DB | Company Name/Site Name            | Address  | City           | Postal |
|----|-----------------------------------|--|----------------|--------|
| CA | City of Ottawa                    | Works within an easement adjacent to Merivale Rd | Ottawa ON      |        |
| CA | R.M. OF OTTAWA-CARLETON           | MERIVALE RD. RECONT. WOODFIELD                   | NEPEAN CITY ON |        |
| CA | J. PEREZ CONSTRUCTION LTD.        | MERIVALE RD.                                     | NEPEAN CITY ON |        |
| CA | Davidson Heights                  | Lot 17, Concession 1                             | Nepean ON      |        |
| CA | Davidson Heights                  | Lot 17, Concession 1                             | Nepean ON      |        |
| CA | Davidson Heights                  | Lot 17, Concession 1                             | Nepean ON      |        |
| CA |                                   | Merivale Road                                    | Nepean ON      |        |
| CA |                                   | Merivale Road                                    | Nepean ON      |        |
| CA |                                   | Pt. of North half Lot 17, Conc. 1 (Rideau Front) | Nepean ON      |        |
| CA | Woodroffe Classics Phase II       | Lot 17, Concession 1                             | Nepean ON      |        |
| CA |                                   | Pt. of North half Lot 17, Conc. 1 (Rideau Front) | Nepean ON      |        |
| CA | Woodroffe Classics Phase II       | Lot 17, Concession 1                             | Nepean ON      |        |
| CA | ROYAL OTTAWA HOSPITAL             | MERIVALE RD.                                     | OTTAWA CITY ON |        |
| CA | MINTO CONSTRUCTION LTD.           | MERIVALE RD.                                     | NEPEAN CITY ON |        |
| CA | MINTO CONSTRUCTION LTD.           | MERIVALE RD. EAST SIDE                           | NEPEAN CITY ON |        |
| CA | TONY GRAHAM MOTORS (1980) LIMITED | MERIVALE RD. (SWM)                               | NEPEAN CITY ON |        |
| CA | JDS FITEL INC.                    | LEIKIN DR., PT.LOTS 17&18, SWM                   | NEPEAN ON      |        |

|      |                               |  |                |         |
|------|-------------------------------|--|----------------|---------|
| CA   | R.M. OF OTTAWA-CARLETON       | PRINCE OF WALES DR.                              | OTTAWA CITY ON |         |
| CA   | SHELL CANADA PRODUCTS LIMITED | MERIVALE RD., BULK TANK FARM                     | NEPEAN CITY ON |         |
| CA   | CONSUMERS GAS COMPANY LIMITED | PT.LOT 18/CONC.1, ST.'B'(SWM)_                   | NEPEAN CITY ON |         |
| CA   | R.M. OF OTTAWA-CARLETON       | PRINCE OF WALES DR.                              | OTTAWA CITY ON |         |
| CA   | JAMES STEWART                 | MERIVALE RD.                                     | NEPEAN CITY ON |         |
| CA   | City of Nepean                | MERIVALE RD./S.W.MGT                             | NEPEAN CITY ON |         |
| CA   | OTTAWA CITY                   | PRINCE OF WALES DR.                              | OTTAWA CITY ON |         |
| CA   | Minto Developments Inc.       | Lot 19, Concession 1                             | Ottawa ON      |         |
| CA   | Urbandale Corporation         | Part of Lot 20, Concession 1                     | Ottawa ON      |         |
| CA   | Minto Developments Inc.       | Lot 19, Concession 1                             | Ottawa ON      |         |
| CA   | Urbandale Corporation         | Part of Lot 20, Concession 1                     | Ottawa ON      |         |
| CA   | Land Ark Custom Homes Inc.    | Part of Lots 17 & 18, Concession 1               | Ottawa ON      |         |
| CA   | Royal Canadian Mounted Police | Mobile   | Ottawa ON      |         |
| CA   | Canada Post Corporation       | Part 9, RP 50R-6676                              | Ottawa ON      |         |
| CA   | MID CANADA CONSTRUCTION LTD.  | ACCESS RD. W. OF MERIVALE RD.                    | NEPEAN CITY ON |         |
| CA   | JAMES STEWART                 | MERIVALE RD. STEWART FUELS                       | NEPEAN CITY ON |         |
| CONV | JDS UNIPHASE INC.             |  | ON             |         |
| EBR  | JDS Fitel Inc.                | Bldg.C NEPEAN                                    | ON             |         |
| ECA  | Canada Post Corporation       | Part 9, RP 50R-6676                              | Ottawa ON      | K1A 0B1 |
| ECA  | Minto Developments Inc.       | Lot 19, Concession 1                             | Ottawa ON      | K1R 7Y2 |
| ECA  | Royal Canadian Mounted Police | Mobile   | Ottawa ON      | K1A 0R2 |
| ECA  | Minto Developments Inc.       | Lot 19, Concession 1                             | Ottawa ON      | K1R 7Y2 |
| ECA  | City of Ottawa                | Works within an easement adjacent to Merivale Rd | Ottawa ON      | K2G 6J8 |

|      |   |   |                |         |
|------|---|---|----------------|---------|
| ECA  | Minto Developments Inc.                   | Lot 19, Concession 1  | Ottawa ON      | K1R 7Y2 |
| FRST |   | Experimental Farm- Prince of Wales Dr                                       | Ottawa ON      |         |
| GEN  | 7770251 CANADA INC                        | MERIVALE ROAD   | OTTAWA ON      |         |
| GEN  | Dalcon                                    | Central Experimental Farm, Prince of Whales Drive                           | Ottawa ON      | K1M 0M3 |
| GEN  | PUBLIC WORKS CANADA                       | CHP, Central Experimental Farm, Prince Of Wales Dr                          | Ottawa ON      | K1A 0M3 |
| GEN  | PETRO-CANADA PRODUCTS                     | OTTAWA TERMINAL - GULF MERIVALE ROAD  | OTTAWA ON      | K2C 3G1 |
| GEN  | Carmelo Idone                             | Rear Merivale Rd.   | Ottawa ON      | K1Z 6A5 |
| PRT  | SHELL CANADA PRODUCTS LTD                 | MERIVALE RD   | OTTAWA ON      |         |
| PTTW | Camelot Golf & Country Club               | Activity Location: Lots 19 & 20, Concession 1 City of Ottawa CITY OF OTTAWA | ON             |         |
| SPL  | Veolia ES Canada Industrial Services Inc. | East shoulder of Prince of Wales Drive                                      | Ottawa ON      |         |
| SPL  | ROYAL CANADIAN MOUNTED POLICE             | ROYAL CANADIAN MOUNTED POLICE HQ  | OTTAWA CITY ON |         |
| SPL  | ONTARIO HYDRO                             | MERIVALE RD TRANSFORMER STATION TRANSFORMER                                 | NEPEAN CITY ON |         |
| WWIS |   | lot 20 con A  | ON             |         |
| WWIS |   | lot 19  | ON             |         |
| WWIS |   | lot 20 con A  | ON             |         |
| WWIS |   | lot 17  | ON             |         |
| WWIS |   | con 1   | ON             |         |
| WWIS |   | lot 18  | ON             |         |
| WWIS |   | con 1   | ON             |         |
| WWIS |   | con A   | ON             |         |
| WWIS |   | con 1   | ON             |         |
| WWIS |   | lot 18  | ON             |         |
| WWIS |   | lot 18  | ON             |         |

|      |        |    |
|------|--------|----|
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | con 1  | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 18 | ON |
| WWIS | lot 20 | ON |
| WWIS | con A  | ON |
| WWIS | lot 17 | ON |
| WWIS | lot 18 | ON |



# Unplottable Report

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**Site:** *City of Ottawa*  
*Works within an easement adjacent to Merivale Rd Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 0702-82CL4A  
**Application Year:** 2010  
**Issue Date:** 2/8/2010  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *R.M. OF OTTAWA-CARLETON*  
*MERIVALE RD. RECONT. WOODFIELD NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-0317-88-  
**Application Year:** 88  
**Issue Date:** 3/17/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *J. PEREZ CONSTRUCTION LTD.*  
*MERIVALE RD. NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1266-86-  
**Application Year:** 86  
**Issue Date:** 9/10/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Davidson Heights*  
*Lot 17, Concession 1 Nepean ON*

**Database:**  
*CA*

**Certificate #:** 0357-4QTHHM

**Application Year:** 00  
**Issue Date:** 11/6/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Holitzner Homes (1995) Ltd.  
**Client Address:** 1300 Main St., Box 149  
**Client City:** Stittsville  
**Client Postal Code:** K2S 1A2  
**Project Description:** Watermains to be constructed on Holitzner Way and Baroness Drive  
**Contaminants:**  
**Emission Control:**

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**Site:** *Davidson Heights*  
*Lot 17, Concession 1 Nepean ON*

**Database:**  
*CA*

**Certificate #:** 6844-4SPJQT  
**Application Year:** 01  
**Issue Date:** 1/8/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Holitzner Homes (1995) Ltd.  
**Client Address:** 1300 Main St., Box 149  
**Client City:** Stittsville  
**Client Postal Code:** K2S 1A2  
**Project Description:** Storm sewers to be constructed on Holitzner Way and Baroness Drive in the City of Nepean.  
**Contaminants:**  
**Emission Control:**

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**Site:** *Davidson Heights*  
*Lot 17, Concession 1 Nepean ON*

**Database:**  
*CA*

**Certificate #:** 5760-4QTHQV  
**Application Year:** 00  
**Issue Date:** 11/6/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Holitzner Homes (1995) Ltd.  
**Client Address:** 1300 Main St., Box 149  
**Client City:** Stittsville  
**Client Postal Code:** K2S 1A2  
**Project Description:** Sanitary sewers to be constructed in the Waterview Subdivision, on Holizner Way and Baroness Drive  
**Contaminants:**  
**Emission Control:**

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**Site:** *Merivale Road Nepean ON*

**Database:**  
*CA*

**Certificate #:** 0030-4N8JQX  
**Application Year:** 00  
**Issue Date:** 8/17/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Ottawa-Carleton  
**Client Address:** 111 Lisgar Street  
**Client City:** Ottawa  
**Client Postal Code:** K2P 2L7  
**Project Description:** Installation of watermains on Merivale Road, Boyce Street  
**Contaminants:**  
**Emission Control:**

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**Site:** *Merivale Road Nepean ON* **Database:**  
**CA**

**Certificate #:** 6408-4PJHR7  
**Application Year:** 00  
**Issue Date:** 9/27/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Ottawa-Carleton  
**Client Address:** 111 Lisgar Street  
**Client City:** Ottawa  
**Client Postal Code:** K2P 2L7  
**Project Description:** Installation of watermains and appurtenances in Merivale Road from Amberwood Crescent to approximately 100 m north of Fallowfield Road.  
**Contaminants:**  
**Emission Control:**

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**Site:** *Pt. of North half Lot 17, Conc. 1 (Rideau Front) Nepean ON* **Database:**  
**CA**

**Certificate #:** 4431-4JYLQ7  
**Application Year:** 00  
**Issue Date:** 5/8/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.  
**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Construction of a Watermain along Stoneway Drive, Maple Stand and Oak Grove Street  
**Contaminants:**  
**Emission Control:**

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**Site:** *Woodroffe Classics Phase II  
Lot 17, Concession 1 Nepean ON* **Database:**  
**CA**

**Certificate #:** 5204-4RGRNN  
**Application Year:** 00  
**Issue Date:** 12/1/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.  
**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** watermains to be constructed on Maplestand Way, Sachs Forest Place, Mountain Ash Drive, Knowlton Drive and Ash Valley Drive.  
**Contaminants:**  
**Emission Control:**

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**Site:** *Pt. of North half Lot 17, Conc. 1 (Rideau Front) Nepean ON* **Database:**  
**CA**

**Certificate #:** 5441-4JYL3B  
**Application Year:** 00  
**Issue Date:** 5/8/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.

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**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Construction of Storm and Sanitary Sewers along Maple Stand and Oak Grove Street  
**Contaminants:**  
**Emission Control:**

---

**Site:** Woodroffe Classics Phase II  
Lot 17, Concession 1 Nepean ON

**Database:**  
CA

**Certificate #:** 0325-4RGRHM  
**Application Year:** 00  
**Issue Date:** 12/8/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Richcraft Homes Ltd.  
**Client Address:** 201-2280 St. Laurent Blvd.  
**Client City:** Ottawa  
**Client Postal Code:** K1G 4K1  
**Project Description:** Storm and sanitary sewer construction on Maplestand Way, Sachs Forest Place, Knowlton Drive and Ash Valley Drive.  
**Contaminants:**  
**Emission Control:**

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**Site:** ROYAL OTTAWA HOSPITAL  
MERIVALE RD. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 3-1424-85-006  
**Application Year:** 85  
**Issue Date:** 12/13/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MINTO CONSTRUCTION LTD.  
MERIVALE RD. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-0874-85-006  
**Application Year:** 85  
**Issue Date:** 8/14/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MINTO CONSTRUCTION LTD.  
MERIVALE RD. EAST SIDE NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-0594-85-006  
**Application Year:** 85  
**Issue Date:** 7/25/85  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **TONY GRAHAM MOTORS (1980) LIMITED**  
**MERIVALE RD. (SWM) NEPEAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1310-97-  
**Application Year:** 97  
**Issue Date:** 10/3/1997  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **JDS FITEL INC.**  
**LEIKIN DR., PT.LOTS 17&18, SWM NEPEAN ON**

**Database:**  
**CA**

**Certificate #:** 3-0049-98-  
**Application Year:** 98  
**Issue Date:** 4/16/1998  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **R.M. OF OTTAWA-CARLETON**  
**PRINCE OF WALES DR. OTTAWA CITY ON**

**Database:**  
**CA**

**Certificate #:** 7-1932-87-  
**Application Year:** 87  
**Issue Date:** 1/14/1988  
**Approval Type:** Municipal water  
**Status:** Approved in 1988  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** SHELL CANADA PRODUCTS LIMITED  
MERIVALE RD., BULK TANK FARM NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 4-0099-91-  
**Application Year:** 91  
**Issue Date:** 11/14/1991  
**Approval Type:** Industrial wastewater  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** MODIFY OIL/WATER SEPARATOR  
**Contaminants:**  
**Emission Control:**

---

**Site:** CONSUMERS GAS COMPANY LIMITED  
PT.LOT 18/CONC.1, ST.'B'(SWM)\_ NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 3-1150-95-  
**Application Year:** 95  
**Issue Date:** 9/8/1995  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF OTTAWA-CARLETON  
PRINCE OF WALES DR. OTTAWA CITY ON

**Database:**  
CA

**Certificate #:** 7-1664-87-  
**Application Year:** 87  
**Issue Date:** 11/4/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** JAMES STEWART  
MERIVALE RD. NEPEAN CITY ON

**Database:**  
CA

**Certificate #:** 7-1585-88-  
**Application Year:** 88  
**Issue Date:** 10/6/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**

**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *City of Nepean*  
*MERIVALE RD./S.W.MGT NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1378-92-  
**Application Year:** 92  
**Issue Date:** 11/30/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *OTTAWA CITY*  
*PRINCE OF WALES DR. OTTAWA CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1626-89-  
**Application Year:** 89  
**Issue Date:** 8/16/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Minto Developments Inc.*  
*Lot 19, Concession 1 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 1915-5L8Q54  
**Application Year:** 2003  
**Issue Date:** 5/7/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Urbandale Corporation*  
*Part of Lot 20, Concession 1 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 5155-667MFQ

**Application Year:** 2004  
**Issue Date:** 11/1/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Minto Developments Inc.  
Lot 19, Concession 1 Ottawa ON*

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

**Certificate #:** 6111-5L8MWE  
**Application Year:** 2003  
**Issue Date:** 4/3/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Urbandale Corporation  
Part of Lot 20, Concession 1 Ottawa ON*

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

**Certificate #:** 6191-5PPQ63  
**Application Year:** 2003  
**Issue Date:** 7/25/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

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

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

**Certificate #:** 7814-5WBU29  
**Application Year:** 2004  
**Issue Date:** 2/23/2004  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**



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**Site:** *Royal Canadian Mounted Police  
Mobile Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8763-5PFR9N  
**Application Year:** 2003  
**Issue Date:** 8/8/2003  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Canada Post Corporation  
Part 9, RP 50R-6676 Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 4564-8D2R5H  
**Application Year:** 2011  
**Issue Date:** 1/24/2011  
**Approval Type:** Industrial Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *MID CANADA CONSTRUCTION LTD.  
ACESS RD. W. OF MERIVALE RD. NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-0198-89-  
**Application Year:** 89  
**Issue Date:** 2/17/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *JAMES STEWART  
MERIVALE RD. STEWART FUELS NEPEAN CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-1845-88-  
**Application Year:** 88  
**Issue Date:** 10/6/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**

**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** JDS UNIPHASE INC.  
ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:** 01-0079-0443  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** OPERATING EQUIPMENT (PROCESSORS) FOR WHICH A CERTIFICATE OF APPROVAL FOR AIR IS REQUIRED AND HAD NOT BEEN ISSUED.  
**Background:**  
**URL:**

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

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 9(7)  
**Act/Regulation/Section:** EPA- -9(7)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 2/28/02  
**Charge Disposition:** SUSPENDED SENTENCE  
**Fine:** \$5,000.00  
**Synopsis:**

---

**Site:** JDS Fitel Inc.  
Bldg.C NEPEAN ON

**Database:**  
EBR

**EBR Registry No:** IA8E0293  
**Ministry Ref No:** 8403598 19980226  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** April 06, 1998  
**Proposal Date:** March 04, 1998  
**Year:** 1998  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** JDS Fitel Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 570 West Hunt Club Road, Nepean Ontario, K2G 5W8  
**Comment Period:**  
**URL:**

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

**Site Location Details:**

Bldg.C NEPEAN

---

**Site:** *Canada Post Corporation*  
*Part 9, RP 50R-6676 Ottawa ON K1A 0B1*

**Database:**  
*ECA*

**Approval No:** 4564-8D2R5H  
**Approval Date:** 2011-01-24  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Business Name:** Canada Post Corporation  
**Address:** Part 9, RP 50R-6676  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5613-87MQ4J-14.pdf>  
**PDF Site Location:**

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

---

**Site:** *Minto Developments Inc.*  
*Lot 19, Concession 1 Ottawa ON K1R 7Y2*

**Database:**  
*ECA*

**Approval No:** 7864-5L2TU4  
**Approval Date:** 2003-04-14  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Business Name:** Minto Developments Inc.  
**Address:** Lot 19, Concession 1  
**Full Address:**  
**Full PDF Link:**  
**PDF Site Location:**

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

---

**Site:** *Royal Canadian Mounted Police*  
*Mobile Ottawa ON K1A 0R2*

**Database:**  
*ECA*

**Approval No:** 8763-5PFR9N  
**Approval Date:** 2003-08-08  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-AIR  
**Project Type:** AIR  
**Business Name:** Royal Canadian Mounted Police  
**Address:** Mobile  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2550-5LUKRE-14.pdf>  
**PDF Site Location:**

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

---

**Site:** *Minto Developments Inc.*  
*Lot 19, Concession 1 Ottawa ON K1R 7Y2*

**Database:**  
*ECA*

**Approval No:** 6111-5L8MWE  
**Approval Date:** 2003-04-03  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

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

**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Minto Developments Inc.  
**Address:** Lot 19, Concession 1  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5577-5KZSLL-14.pdf>  
**PDF Site Location:**

---

**Site:** *City of Ottawa*  
*Works within an easement adjacent to Merivale Rd Ottawa ON K2G 6J8*

**Database:**  
*ECA*

**Approval No:** 0702-82CL4A  
**Approval Date:** 2010-02-08  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** City of Ottawa  
**Address:** Works within an easement adjacent to Merivale Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9895-824SV6-14.pdf>  
**PDF Site Location:**

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

---

**Site:** *Minto Developments Inc.*  
*Lot 19, Concession 1 Ottawa ON K1R 7Y2*

**Database:**  
*ECA*

**Approval No:** 1915-5L8Q54  
**Approval Date:** 2003-05-07  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Business Name:** Minto Developments Inc.  
**Address:** Lot 19, Concession 1  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6742-5L2HYM-14.pdf>  
**PDF Site Location:**

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

---

**Site:** *Experimental Farm- Prince of Wales Dr Ottawa ON*

**Database:**  
*FRST*

**Tank System ID:** 12394  
**EC No:** 12394  
**Internal No:**  
**Is Perm Withdrwl:** FALSE  
**Removed Date:**  
**Withdrawn Date:**  
**Temp Withdrawn Dt:**  
**Tank Use E:**  
**Tank Use F:**  
**Year of Manufact:**  
**Emerg Plan Same as:** FALSE  
**Operator Contact:**  
**Owner Contact:**  
**Tank System City:** Ottawa  
**Tank Sys Prov E:** Ontario  
**Tank Use:**  
**Tank Manufacturer:**  
**Tank System Address:** Experimental Farm- Prince of Wales Dr  
**Sys Record Address:**  
**System Descr:**

**Tank Sys Prov F:** Ontario  
**Tank Sys PO BOX:**  
**Tank Sys Postal Cd:**  
**Sys Record City:**  
**Sys Record Prov E:**  
**Sys Record Prov F:**  
**Sys Record PO BOX:**  
**Sys Rec Postal Cd:**  
**System Rec Same as:** TRUE  
**Location Latitude:**  
**Location Longitude:**  
**Creation Date:** 24-Jun-2010 00:00:00  
**Creation By:** Section 19  
**Modified Date:** 24-Jun-2010 00:00:00  
**Modified By:**

**Certification System Installer:**  
**Certification System Remover:**  
**Group Name:**  
**Master Group Name:**  
**Owner Email:**  
**Operator Email:**  
**Land Owner E:**  
**Land Owner F:**

Third party on federal land  
Tiers sur terre fédérale

**Service Months**

**Service Months E:** February  
**Service Months F:** Février

**Service Months E:** August  
**Service Months F:** Août

**Service Months E:** September  
**Service Months F:** Septembre

**Service Months E:** July  
**Service Months F:** Juillet

**Service Months E:** March  
**Service Months F:** Mars

**Service Months E:** April  
**Service Months F:** Avril

**Service Months E:** January  
**Service Months F:** Janvier

**Service Months E:** December  
**Service Months F:** Décembre

**Service Months E:** June  
**Service Months F:** Juin

**Service Months E:** October  
**Service Months F:** Octobre

**Service Months E:** November  
**Service Months F:** Novembre

**Service Months E:** May  
**Service Months F:** Mai

**Tanks Details**

**Tank ID:** 20475

**Tank Capacity:** 1345

**Tank Type E:** Aboveground

**Tank Type F:** Hors sol

**Date of Install:** 2010

**Date Withdrawn Tk:**

**Date Removed Tank:**

**Tank Desc:**

**Tank Std No E:** ULC-S643 (withdrawn and superseded by S601)

**Tank Std No F:** ULC-S643 (retiré et remplacé par S601)

**Tank Std No Other:**

**Tank Constr Material E:** Steel

**Tank Constr Material F:** Acier

**Tank Constr Material Other:**

**Internal No:**

**Tank Content E:** Gasoline

**Tank Content F:** Essence

**Tank Content Other:**

**Dt Withdrwn Piping:**

**Date Remvd Piping:**

**Tk Type of Pump E:**

**Tk Type of Pump F:**

**Piping Type E:**

**Piping Type F:**

**Piping Diam Unit:**

No pump  
Aucune pompe  
None  
Aucun  
inch

**Piping Diameter:** 0  
**Spill Containment E:** Devices for Aboveground Tanks (ORD-C142.19)  
**Spill Containment F:** Réservoir hors sol (ORD-C142.19)  
**Spill Containment Other:**  
**Product Transfer Area:** overfill protection box  
**Date Withdrwn Other Component:**  
**Date Removed Other Component:**

**Piping Construction Materials**

**Component E:** Other  
**Component F:** Autre  
**Other:**

**Piping Secondary Containment**

**Tank ID:** 20475  
**Component E:** None  
**Component F:** Aucun  
**Other:**

**Tank Corrosion Protection**

**Component E:** Painted  
**Component F:** Peinturé  
**Other:**

**Piping Corrosion Protection**

**Component E:** None  
**Component F:** Aucune  
**Other:**

**Tank Leak Detection**

**Component E:** Interstitial monitoring – double walled tank  
**Component F:** Surveillance interstitielle- réservoir à double paroi  
**Other:**

**Piping Leak Detection**

**Component E:** None  
**Component F:** Aucun  
**Other:**

**Sump Leak Detection**

**Component E:** No sump for storage tank system  
**Component F:** Aucun puisard pour le système de stockage  
**Other:**

**Tank Secondary Containment**

**Component E:** Double Walled  
**Component F:** Double paroi  
**Other:**

**Tank Overflow Protection**

**Component E:** Method – trained personnel in attendance at all times  
**Component F:** Méthode - Personels qualifiés présents en tout temps  
**Other:**

---

**Site:** 7770251 CANADA INC  
MERIVALE ROAD OTTAWA ON

**Database:**  
GEN

**Generator No:** ON6163455  
**SIC Code:** 812320  
**SIC Description:** DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)  
**Approval Years:** 2013  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 241  
**Waste Class Name:** HALOGENATED SOLVENTS

---

**Site:** Dalcon  
Central Experimental Farm, Prince of Whales Drive Ottawa ON K1M 0M3

**Database:**  
GEN

**Generator No:** ON9858804  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** 02,03,04  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

---

**Site:** PUBLIC WORKS CANADA  
CHP, Central Experimental Farm, Prince Of Wales Dr Ottawa ON K1A 0M3

**Database:**  
GEN

**Generator No:** ON0144725  
**SIC Code:**  
**SIC Description:**  
**Approval Years:** 02,03,04  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 112  
**Waste Class Name:** ACID WASTE - HEAVY METALS

**Waste Class:** 121  
**Waste Class Name:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 145  
**Waste Class Name:** PAINT/PIGMENT/COATING RESIDUES

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

**Waste Class:** 212  
**Waste Class Name:** ALIPHATIC SOLVENTS

**Waste Class:** 221  
**Waste Class Name:** LIGHT FUELS

**Waste Class:** 331  
**Waste Class Name:** WASTE COMPRESSED GASES

**Waste Class:** 222  
**Waste Class Name:** HEAVY FUELS

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

---

**Site:** **PETRO-CANADA PRODUCTS**  
**OTTAWA TERMINAL - GULF MERIVALE ROAD OTTAWA ON K2C 3G1**

**Database:**  
**GEN**

**Generator No:** ON0031027  
**SIC Code:** 3611  
**SIC Description:** REFINED PETRO. PROD.  
**Approval Years:** 98  
**PO Box No:**  
**Country:**  
**Status:**  
**Co Admin:**  
**Choice of Contact:**  
**Phone No Admin:**  
**Contaminated Facility:**  
**MHSW Facility:**

**Detail(s)**

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

---

**Site:** **Carmelo Idone**  
**Rear Merivale Rd. Ottawa ON K1Z 6A5**

**Database:**  
**GEN**

**Generator No:** ON5601283  
**SIC Code:** 531120  
**SIC Description:** LESSORS OF NON-RESIDENTIAL BUILDINGS (EXCEPT MINI-WAREHOUSES)  
**Approval Years:** 2015  
**PO Box No:**  
**Country:** Canada  
**Status:**  
**Co Admin:**  
**Choice of Contact:** CO\_OFFICIAL  
**Phone No Admin:**  
**Contaminated Facility:** No  
**MHSW Facility:** No



**Detail(s)**

**Waste Class:** 252  
**Waste Class Name:** WASTE OILS & LUBRICANTS

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

---

**Site:** SHELL CANADA PRODUCTS LTD  
MERIVALE RD OTTAWA ON

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

**Location ID:** 11000  
**Type:** retail  
**Expiry Date:** 1995-12-31  
**Capacity (L):** 8280000  
**Licence #:** 0022412017

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**Site:** Camelot Golf & Country Club  
Activity Location: Lots 19 & 20, Concession 1 City of Ottawa CITY OF OTTAWA ON

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

**EBR Registry No:** IA06E0646  
**Ministry Ref No:** 7667-6PDU7W  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** July 20, 2006  
**Proposal Date:** May 18, 2006  
**Year:** 2006  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Camelot Golf & Country Club  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 906 Quigley Road, P.O. Box 310, 906 Quigley Road, P.O. Box 310, Ottawa Ontario, K4C 1E7  
**Comment Period:**  
**URL:**

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

**Site Location Details:**

Activity Location: Lots 19 & 20, Concession 1 City of Ottawa CITY OF OTTAWA

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**Site:** Veolia ES Canada Industrial Services Inc.  
East shoulder of Prince of Wales Drive Ottawa ON

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

**Ref No:** 7471-9DGR68  
**Year:**  
**Incident Dt:** 2013/11/15  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2013/11/15  
**Dt Document Closed:**  
**Site No:**  
**MOE Response:** No Field Response  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Site District Office:**  
**Nearest Watercourse:**  
**Site Name:** East shoulder of Prince of Wales Drive<UNOFFICIAL>  
**Site Address:** East shoulder of Prince of Wales Drive  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**

**Municipality No:**  
**Nature of Damage:**  
**Discharger Report:**  
**Material Group:**  
**Impact to Health:**  
**Agency Involved:**

**Site Geo Ref Accu:**  
**Site Map Datum:**  
**Northing:**  
**Easting:**  
**Incident Cause:** Leak/Break  
**Incident Preceding Spill:**  
**Environment Impact:** Not Anticipated  
**Health Env Consequence:**  
**Nature of Impact:** Other Impact(s)  
**Contaminant Qty:** 20 L  
**System Facility Address:**  
**Client Name:** Veolia ES Canada Industrial Services Inc.  
**Client Type:**  
**Source Type:**  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Receiving Medium:**  
**Incident Reason:** Equipment Failure  
**Incident Summary:** Veolia ES: 20 L of hydraulic oil to shoulder  
**Activity Preceding Spill:**  
**Property 2nd Watershed:**  
**Property Tertiary Watershed:**  
**Sector Type:** Motor Vehicle  
**SAC Action Class:** Land Spills  
**Call Report Locatn Geodata:**

**Site:** ROYAL CANADIAN MOUNTED POLICE  
 ROYAL CANADIAN MOUNTED POLICE HQ OTTAWA CITY ON

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

|                                  |                       |                           |                                  |
|----------------------------------|-----------------------|---------------------------|----------------------------------|
| <b>Ref No:</b>                   | 31732                 | <b>Municipality No:</b>   | 20101                            |
| <b>Year:</b>                     |                       | <b>Nature of Damage:</b>  |                                  |
| <b>Incident Dt:</b>              | //                    | <b>Discharger Report:</b> |                                  |
| <b>Dt MOE Arvl on Scn:</b>       |                       | <b>Material Group:</b>    |                                  |
| <b>MOE Reported Dt:</b>          | 1/26/1990             | <b>Impact to Health:</b>  |                                  |
| <b>Dt Document Closed:</b>       |                       | <b>Agency Involved:</b>   | EPS, FRANCIS FUELS, PUBLIC WORKS |
| <b>Site No:</b>                  |                       |                           |                                  |
| <b>MOE Response:</b>             |                       |                           |                                  |
| <b>Site County/District:</b>     |                       |                           |                                  |
| <b>Site Geo Ref Meth:</b>        |                       |                           |                                  |
| <b>Site District Office:</b>     |                       |                           |                                  |
| <b>Nearest Watercourse:</b>      |                       |                           |                                  |
| <b>Site Name:</b>                |                       |                           |                                  |
| <b>Site Address:</b>             |                       |                           |                                  |
| <b>Site Region:</b>              |                       |                           |                                  |
| <b>Site Municipality:</b>        | OTTAWA CITY           |                           |                                  |
| <b>Site Lot:</b>                 |                       |                           |                                  |
| <b>Site Conc:</b>                |                       |                           |                                  |
| <b>Site Geo Ref Accu:</b>        |                       |                           |                                  |
| <b>Site Map Datum:</b>           |                       |                           |                                  |
| <b>Northing:</b>                 |                       |                           |                                  |
| <b>Easting:</b>                  |                       |                           |                                  |
| <b>Incident Cause:</b>           | UNDERGROUND TANK LEAK |                           |                                  |
| <b>Incident Preceding Spill:</b> |                       |                           |                                  |
| <b>Environment Impact:</b>       |                       |                           |                                  |
| <b>Health Env Consequence:</b>   |                       |                           |                                  |
| <b>Nature of Impact:</b>         |                       |                           |                                  |
| <b>Contaminant Qty:</b>          |                       |                           |                                  |
| <b>System Facility Address:</b>  |                       |                           |                                  |
| <b>Client Name:</b>              |                       |                           |                                  |
| <b>Client Type:</b>              |                       |                           |                                  |
| <b>Source Type:</b>              |                       |                           |                                  |
| <b>Contaminant Code:</b>         |                       |                           |                                  |
| <b>Contaminant Name:</b>         |                       |                           |                                  |
| <b>Contaminant Limit 1:</b>      |                       |                           |                                  |

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Receiving Medium:** LAND / WATER  
**Incident Reason:** UNKNOWN  
**Incident Summary:** BACKENTRY- FUEL OIL FROM AN UNKNOWN SOURCE FOUND IN PIT ON RCMP PROPERTY  
**Activity Preceding Spill:**  
**Property 2nd Watershed:**  
**Property Tertiary Watershed:**  
**Sector Type:**  
**SAC Action Class:**  
**Call Report Locatn Geodata:**

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**Site:** ONTARIO HYDRO  
MERIVALE RD TRANSFORMER STATION TRANSFORMER NEPEAN CITY ON

**Database:**  
SPL

**Ref No:** 5847 **Municipality No:** 20104  
**Year:** **Nature of Damage:**  
**Incident Dt:** 6/29/1988 **Discharger Report:**  
**Dt MOE Arvl on Scn:** **Material Group:**  
**MOE Reported Dt:** 6/29/1988 **Impact to Health:**  
**Dt Document Closed:** **Agency Involved:**  
**Site No:**  
**MOE Response:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Site District Office:**  
**Nearest Watercourse:**  
**Site Name:**  
**Site Address:**  
**Site Region:**  
**Site Municipality:** NEPEAN CITY  
**Site Lot:**  
**Site Conc:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**Northing:**  
**Eastng:**  
**Incident Cause:** COOLING SYSTEM LEAK  
**Incident Preceding Spill:**  
**Environment Impact:**  
**Health Env Consequence:**  
**Nature of Impact:**  
**Contaminant Qty:**  
**System Facility Address:**  
**Client Name:**  
**Client Type:**  
**Source Type:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Receiving Medium:** LAND  
**Incident Reason:** EQUIPMENT FAILURE  
**Incident Summary:** ONT HYDRO - 10 L PYRANOL TO GROUND AT TRANSFORMER STATION.  
**Activity Preceding Spill:**  
**Property 2nd Watershed:**  
**Property Tertiary Watershed:**  
**Sector Type:**  
**SAC Action Class:**  
**Call Report Locatn Geodata:**

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**Site:** lot 20 con A ON

**Database:**  
WWIS

**Well ID:** 1527014 **Flowing (Y/N):**

**Construction Date:**  
**Use 1st:** Municipal  
**Use 2nd:**  
**Final Well Status:** Recharge Well  
**Water Type:**  
**Casing Material:**  
**Audit No:** 126202  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 03/03/1993  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 4006  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 020  
**Concession:** A  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10048696  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 01/15/1993  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065785  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 3.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065788  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 06

**Material 2 Desc:** SILT  
**Material 3:** 11  
**Material 3 Desc:** GRAVEL  
**Formation Top Depth:** 46.0  
**Formation End Depth:** 50.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931065789  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 50.0  
**Formation End Depth:** 55.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931065787  
**Layer:** 3  
**Color:** 3  
**General Color:** BLUE  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 06  
**Material 2 Desc:** SILT  
**Material 3:** 05  
**Material 3 Desc:** CLAY  
**Formation Top Depth:** 8.0  
**Formation End Depth:** 46.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931065786  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 10  
**Material 2 Desc:** COARSE SAND  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 3.0  
**Formation End Depth:** 8.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933112139  
**Layer:** 1  
**Plug From:** 5.0  
**Plug To:** 20.0

**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961527014  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10597266  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930085178  
**Layer:** 1  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 55.0  
**Casing Diameter:** 12.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930085179  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 48.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326432  
**Layer:** 1  
**Slot:** 030  
**Screen Top Depth:** 46.0  
**Screen End Depth:** 51.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 6.0

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991527014  
**Pump Set At:**  
**Static Level:** 29.0  
**Final Level After Pumping:** 49.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 20.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 20.0

Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 1  
Pumping Duration HR: 99  
Pumping Duration MIN: 59  
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934653728  
Test Type:  
Test Duration: 45  
Test Level: 45.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934902522  
Test Type:  
Test Duration: 60  
Test Level: 47.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393218  
Test Type:  
Test Duration: 30  
Test Level: 41.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109583  
Test Type:  
Test Duration: 15  
Test Level: 13.0  
Test Level UOM: ft

Water Details

Water ID: 933486487  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 53.0  
Water Found Depth UOM: ft

Site: lot 19 ON

**Database:**  
WWIS

Well ID: 1525426  
Construction Date:  
Use 1st:  
Use 2nd:  
Final Well Status:  
Water Type:  
Casing Material:  
Audit No: 100036  
Tag:  
Constructn Method:  
Elevation (m):

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 06/18/1991  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1558  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON

**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Lot:** 019  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10047164  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04/10/1991  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Plug ID:** 933111195  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 100.0  
**Plug Depth UOM:** ft

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

**Method Construction ID:** 961525426  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595734  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** lot 20 con A ON

**Database:**  
**WWIS**

**Well ID:** 1521318  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 04604  
**Tag:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 05/20/1987  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1



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

**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 020  
**Concession:** A  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10043140  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 04/20/1987  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931047556  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 13  
**Material 2 Desc:** BOULDERS  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 12.0  
**Formation End Depth:** 27.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931047557  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:** 78  
**Material 2 Desc:** MEDIUM-GRAINED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 27.0  
**Formation End Depth:** 65.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931047555  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 12.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961521318  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10591710  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930075322  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 30.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930075323  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 65.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991521318  
**Pump Set At:**  
**Static Level:** 20.0  
**Final Level After Pumping:** 40.0  
**Recommended Pump Depth:** 50.0  
**Pumping Rate:** 10.0

**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651663  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105997  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390096  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934909451  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 40.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933478825  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 56.0  
**Water Found Depth UOM:** ft

**Site:** lot 17 ON

**Database:**  
WWIS

**Well ID:** 1525050  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 74627  
**Tag:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/29/1990  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1

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

**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 017  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10046792  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08/24/1990  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931059903  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 62.0  
**Formation End Depth:** 72.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931059901  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 43.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931059900  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 02  
**Material 1 Desc:** TOPSOIL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931059904  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:** 85  
**Material 2 Desc:** SOFT  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 72.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931059902  
**Layer:** 3  
**Color:** 3  
**General Color:** BLUE  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 43.0  
**Formation End Depth:** 62.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933111011  
**Layer:** 1  
**Plug From:** 6.0  
**Plug To:** 30.0  
**Plug Depth UOM:** ft

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

**Method Construction ID:** 961525050  
**Method Construction Code:** 4

**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595362  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930081949  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 74.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991525050  
**Pump Set At:**  
**Static Level:** 24.0  
**Final Level After Pumping:** 60.0  
**Recommended Pump Depth:** 120.0  
**Pumping Rate:** 24.0  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934904620  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111059  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 34.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655826  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 60.0

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934386466  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 49.0  
Test Level UOM: ft

**Site:**  
con 1 ON

**Database:**  
**WWIS**

Well ID: 1534064  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 248010  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 09/09/2003  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 1119  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot:  
Concession: 01  
Concession Name: RF  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10543179  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/12/2003  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Method of Construction & Well Use**

Method Construction ID: 961534064  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 11091749  
Casing No: 1

Comment:  
Alt Name:

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1533714  
**Construction Date:**  
**Use 1st:**  
**Use 2nd:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 257729  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 05/27/2003  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6907  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10537548  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/24/2002  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Method of Construction & Well Use**

**Method Construction ID:** 961533714  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11086118  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:**  
con 1 ON

**Database:**  
WWIS

**Well ID:** 1532635  
**Flowing (Y/N):**



**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Abandoned-Quality  
**Water Type:**  
**Casing Material:**  
**Audit No:** 235219  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 01/17/2002  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 4006  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** 01  
**Concession Name:** OF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10523764  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12/05/2001  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Method of Construction & Well Use**

**Method Construction ID:** 961532635  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11072334  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** con A ON

**Database:**  
**WWIS**

**Well ID:** 1532634  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Abandoned-Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 235222  
**Tag:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 01/17/2002  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 4006  
**Form Version:** 1

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

**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** A  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10523763  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 12/05/2001  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Method of Construction & Well Use**

**Method Construction ID:** 961532634  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11072333  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** con 1 ON

**Database:**  
**WWIS**

**Well ID:** 1528855  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 135092  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn 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:** 02/21/1996  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6629  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** 01  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**

Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10050391  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 06/27/1995  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931071018  
Layer: 1  
Color: 6  
General Color: BROWN  
Material 1: 05  
Material 1 Desc: CLAY  
Material 2: 81  
Material 2 Desc: SANDY  
Material 3: 66  
Material 3 Desc: DENSE  
Formation Top Depth: 0.0  
Formation End Depth: 25.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931071021  
Layer: 4  
Color: 2  
General Color: GREY  
Material 1: 18  
Material 1 Desc: SANDSTONE  
Material 2:  
Material 2 Desc:  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 94.0  
Formation End Depth: 103.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931071019  
Layer: 2  
Color: 3  
General Color: BLUE  
Material 1: 05

**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 25.0  
**Formation End Depth:** 55.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931071020  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 55.0  
**Formation End Depth:** 94.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well**

**Use**

**Method Construction ID:** 961528855  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598961  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930088072  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 58.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:**  
**Pump Test ID:** 991528855  
**Pump Set At:**  
**Static Level:** 30.0  
**Final Level After Pumping:** 65.0  
**Recommended Pump Depth:** 90.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 8.0  
**Levels UOM:** ft

**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:**  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 15  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934907069  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 65.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934389369  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 65.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934105744  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934658544  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 65.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933488724  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 85.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933488725  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 97.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933488726  
**Layer:** 3  
**Kind Code:** 1

Kind: FRESH  
Water Found Depth: 103.0  
Water Found Depth UOM: ft

Site:  
lot 18 ON

**Database:**  
**WWIS**

Well ID: 1528704  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 154348  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/25/1995  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050240  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/08/1995  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

Annular Space/Abandonment  
Sealing Record

Plug ID: 933113637  
Layer: 1  
Plug From: 0.0  
Plug To: 5.0  
Plug Depth UOM: ft

Annular Space/Abandonment  
Sealing Record

Plug ID: 933113638  
Layer: 2  
Plug From: 5.0  
Plug To: 16.0  
Plug Depth UOM: ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528704  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598810  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087804  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 16.0  
**Casing Diameter:** 24.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326601  
**Layer:** 1  
**Slot:**  
**Screen Top Depth:** 6.0  
**Screen End Depth:** 16.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 24.0

**Site:** lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528703  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 154347  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 08/25/1995  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050239  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08/08/1995  
**Remarks:**

**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113635  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113636  
**Layer:** 2  
**Plug From:** 4.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528703  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598809  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087803  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**



Screen ID: 933326600  
Layer: 1  
Slot: 100  
Screen Top Depth: 5.0  
Screen End Depth: 10.0  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2.0

Site:  
lot 18 ON

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

Well ID: 1528702  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 154346  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/25/1995  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050238  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/08/1995  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

Annular Space/Abandonment  
Sealing Record

Plug ID: 933113634  
Layer: 2  
Plug From: 4.0  
Plug To: 10.0  
Plug Depth UOM: ft

Annular Space/Abandonment  
Sealing Record

Plug ID: 933113633

Layer: 1  
Plug From: 0.0  
Plug To: 4.0  
Plug Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID: 961528702  
Method Construction Code: B  
Method Construction: Other Method  
Other Method Construction:

**Pipe Information**

Pipe ID: 10598808  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930087802  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 10.0  
Casing Diameter: 2.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326599  
Layer: 1  
Slot: 100  
Screen Top Depth: 5.0  
Screen End Depth: 10.0  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2.0

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528701  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 154345  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/25/1995  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Bore Hole Information**

|                                     |                            |                         |             |
|-------------------------------------|----------------------------|-------------------------|-------------|
| <b>Bore Hole ID:</b>                | 10050237                   | <b>Elevation:</b>       |             |
| <b>DP2BR:</b>                       |                            | <b>Elevrc:</b>          |             |
| <b>Spatial Status:</b>              |                            | <b>Zone:</b>            | 18          |
| <b>Code OB:</b>                     |                            | <b>East83:</b>          |             |
| <b>Code OB Desc:</b>                |                            | <b>North83:</b>         |             |
| <b>Open Hole:</b>                   |                            | <b>Org CS:</b>          | 9           |
| <b>Cluster Kind:</b>                |                            | <b>UTMRC:</b>           | unknown UTM |
| <b>Date Completed:</b>              | 08/08/1995                 | <b>UTMRC Desc:</b>      | na          |
| <b>Remarks:</b>                     |                            | <b>Location Method:</b> |             |
| <b>Location Method Desc:</b>        | Not Applicable i.e. no UTM |                         |             |
| <b>Elevrc Desc:</b>                 |                            |                         |             |
| <b>Location Source Date:</b>        |                            |                         |             |
| <b>Improvement Location Source:</b> |                            |                         |             |
| <b>Improvement Location Method:</b> |                            |                         |             |
| <b>Source Revision Comment:</b>     |                            |                         |             |
| <b>Supplier Comment:</b>            |                            |                         |             |

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113631  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 5.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113632  
**Layer:** 2  
**Plug From:** 5.0  
**Plug To:** 15.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528701  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598807  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087801  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 15.0  
**Casing Diameter:** 2.0

Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326598  
Layer: 1  
Slot: 100  
Screen Top Depth: 5.0  
Screen End Depth: 15.0  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2.0

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528700  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 154344  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/25/1995  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10050236  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/08/1995  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933113630  
Layer: 2  
Plug From: 5.0  
Plug To: 10.0  
Plug Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113629  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 5.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528700  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598806  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087800  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326597  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

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**Site:** con 1 ON

**Database:**  
WWIS

**Well ID:** 1528250  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 151799  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/24/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**

**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Concession:** 01  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049789  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/11/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931069086  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 08  
**Material 1 Desc:** FINE SAND  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931069085  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 01  
**Material 1 Desc:** FILL  
**Material 2:** 11  
**Material 2 Desc:** GRAVEL  
**Material 3:** 78  
**Material 3 Desc:** MEDIUM-GRAINED  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933113110  
**Layer:** 3  
**Plug From:** 5.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113108  
**Layer:** 1  
**Plug From:** 1.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113109  
**Layer:** 2  
**Plug From:** 4.0  
**Plug To:** 5.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528250  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598359  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087025  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326510  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487871  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 7.0  
**Water Found Depth UOM:** ft

**Site:**  
lot 18 ON

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

**Well ID:** 1528066  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149115  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049606  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/23/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931068463  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0



Formation End Depth: 1.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931068464  
Layer: 3  
Color: 6  
General Color: BROWN  
Material 1: 05  
Material 1 Desc: CLAY  
Material 2: 66  
Material 2 Desc: DENSE  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 1.0  
Formation End Depth: 4.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931068465  
Layer: 4  
Color: 2  
General Color: GREY  
Material 1: 05  
Material 1 Desc: CLAY  
Material 2: 85  
Material 2 Desc: SOFT  
Material 3: 74  
Material 3 Desc: LAYERED  
Formation Top Depth: 4.0  
Formation End Depth: 10.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931068462  
Layer: 1  
Color: 8  
General Color: BLACK  
Material 1: 00  
Material 1 Desc: UNKNOWN TYPE  
Material 2:  
Material 2 Desc:  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 0.0  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933112937  
Layer: 2  
Plug From: 2.0  
Plug To: 4.0  
Plug Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112938  
**Layer:** 3  
**Plug From:** 4.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112936  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528066  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598176  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086683  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326486  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487649  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 7.0  
**Water Found Depth UOM:** ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528065  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149103  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049605  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/23/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931068459  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 66  
**Material 2 Desc:** DENSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068461  
**Layer:** 5  
**Color:** 2

**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 85  
**Material 2 Desc:** SOFT  
**Material 3:** 74  
**Material 3 Desc:** LAYERED  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068457  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 00  
**Material 1 Desc:** UNKNOWN TYPE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068460  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 08  
**Material 1 Desc:** FINE SAND  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068458  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933112933  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112934  
**Layer:** 2  
**Plug From:** 2.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112935  
**Layer:** 3  
**Plug From:** 4.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528065  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598175  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086682  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326485  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487648  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 7.0  
**Water Found Depth UOM:** ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528064  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149102  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049604  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/23/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931068455  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0

**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068456  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 85  
**Material 2 Desc:** SOFT  
**Material 3:** 74  
**Material 3 Desc:** LAYERED  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068454  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 00  
**Material 1 Desc:** UNKNOWN TYPE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112930  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112932  
**Layer:** 3  
**Plug From:** 4.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112931  
**Layer:** 2  
**Plug From:** 2.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528064  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598174  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086681  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326484  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487647  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 6.0  
**Water Found Depth UOM:** ft

**Site:** lot 18 ON

**Database:**  
**WWIS**

**Well ID:** 1528063  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149101  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**



**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049603  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/23/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068451  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 66  
**Material 2 Desc:** DENSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068450  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068449  
**Layer:** 1

**Color:** 8  
**General Color:** BLACK  
**Material 1:** 00  
**Material 1 Desc:** UNKNOWN TYPE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068452  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 66  
**Material 2 Desc:** DENSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 6.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068453  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 6.0  
**Formation End Depth:** 13.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933112929  
**Layer:** 3  
**Plug From:** 3.0  
**Plug To:** 13.0  
**Plug Depth UOM:** ft

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

**Plug ID:** 933112928  
**Layer:** 2  
**Plug From:** 2.0  
**Plug To:** 3.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933112927  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528063  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598173  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086680  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 13.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326483  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 3.0  
**Screen End Depth:** 13.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487646  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 8.0  
**Water Found Depth UOM:** ft

**Site:** lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528062  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994

**Water Type:**  
**Casing Material:**  
**Audit No:** 149100  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049602  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/22/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

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

**Formation ID:** 931068447  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 66  
**Material 2 Desc:** DENSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068446  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0

**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068448  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 85  
**Material 2 Desc:** SOFT  
**Material 3:** 74  
**Material 3 Desc:** LAYERED  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068445  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 00  
**Material 1 Desc:** UNKNOWN TYPE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112926  
**Layer:** 3  
**Plug From:** 4.0  
**Plug To:** 10.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112924  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 2.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112925  
**Layer:** 2  
**Plug From:** 2.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528062  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598172  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086679  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326482  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5.0  
**Screen End Depth:** 10.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2.0

**Water Details**

**Water ID:** 933487645  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 6.0  
**Water Found Depth UOM:** ft

**Site:** lot 18 ON

**Database:**  
**WWIS**

**Well ID:** 1528061  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149091  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 07/28/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 018  
**Concession:**  
**Concession Name:**

**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049601  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 06/22/1994  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068443  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068442  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 28  
**Material 2 Desc:** SAND  
**Material 3:** 77  
**Material 3 Desc:** LOOSE  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068444  
**Layer:** 3

**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 74  
**Material 2 Desc:** LAYERED  
**Material 3:** 79  
**Material 3 Desc:** PACKED  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112921  
**Layer:** 1  
**Plug From:** 3.0  
**Plug To:** 3.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112923  
**Layer:** 3  
**Plug From:** 4.0  
**Plug To:** 15.0  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112922  
**Layer:** 2  
**Plug From:** 3.0  
**Plug To:** 4.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528061  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598171  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086678  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 15.0  
**Casing Diameter:** 2.0  
**Casing Diameter UOM:** inch



Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326481  
Layer: 1  
Slot: 100  
Screen Top Depth: 5.0  
Screen End Depth: 15.0  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2.0

**Water Details**

Water ID: 933487644  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 10.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528060  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 149098  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 07/28/1994  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049600  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 06/22/1994  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

**Formation ID:** 931068440  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068441  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 74  
**Material 2 Desc:** LAYERED  
**Material 3:** 11  
**Material 3 Desc:** GRAVEL  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068438  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 16  
**Material 1 Desc:** DOLOMITE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931068439  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 79  
**Material 2 Desc:** PACKED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0

Formation End Depth: 1.0  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933112918  
Layer: 1  
Plug From: 3.0  
Plug To: 3.0  
Plug Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933112920  
Layer: 3  
Plug From: 4.0  
Plug To: 10.0  
Plug Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933112919  
Layer: 2  
Plug From: 3.0  
Plug To: 4.0  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961528060  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 10598170  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930086677  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 10.0  
Casing Diameter: 2.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326480  
Layer: 1  
Slot: 010  
Screen Top Depth: 5.0

Screen End Depth: 10.0  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2.0

**Water Details**

Water ID: 933487643  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 7.0  
Water Found Depth UOM: ft

**Site:**  
lot 20 ON

**Database:**  
**WWIS**

Well ID: 1527942  
Construction Date:  
Use 1st:  
Use 2nd:  
Final Well Status:  
Water Type:  
Casing Material:  
Audit No: 139317  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 06/09/1994  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 3142  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 020  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049484  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 06/03/1994  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

Formation ID: 931068042  
Layer: 3  
Color: 8  
General Color: BLACK  
Material 1: 15

**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 70.0  
**Formation End Depth:** 97.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068040  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 13  
**Material 2 Desc:** BOULDERS  
**Material 3:** 79  
**Material 3 Desc:** PACKED  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 16.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068041  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 16.0  
**Formation End Depth:** 70.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933112804  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 21.0  
**Plug Depth UOM:** ft

**Method of Construction & Well**

**Use**

**Method Construction ID:** 961527942  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598054  
**Casing No:** 1  
**Comment:**

Alt Name:

**Construction Record - Casing**

Casing ID: 930086443  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 97.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930086442  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 22.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: BAILER  
Pump Test ID: 991527942  
Pump Set At:  
Static Level: 4.0  
Final Level After Pumping: 60.0  
Recommended Pump Depth: 80.0  
Pumping Rate: 25.0  
Flowing Rate:  
Recommended Pump Rate: 10.0  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 2  
Water State After Test: CLOUDY  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: No

**Draw Down & Recovery**

Pump Test Detail ID: 934111811  
Test Type:  
Test Duration: 15  
Test Level: 60.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934386620  
Test Type:  
Test Duration: 30  
Test Level: 60.0  
Test Level UOM: ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655949  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934904319  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933487482  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 84.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933487483  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 93.0  
**Water Found Depth UOM:** ft

**Site:**  
con A ON

**Database:**  
WWIS

**Well ID:** 1527904  
**Construction Date:**  
**Use 1st:** Not Used  
**Use 2nd:**  
**Final Well Status:** Abandoned-Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 143953  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 04/26/1994  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 6841  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:**  
**Concession:** A  
**Concession Name:** RF  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049459  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9

**Date Completed:**  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

**Method of Construction & Well Use**

**Method Construction ID:** 961527904  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598029  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** lot 17 ON

**Database:**  
**WWIS**

**Well ID:** 1525217  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 91530  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/10/1990  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 017  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10046958  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/26/1990  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**

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



**Supplier Comment:**

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

**Formation ID:** 931060480  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 01  
**Material 2 Desc:** FILL  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 40.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931060481  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 40.0  
**Formation End Depth:** 61.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931060482  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 61.0  
**Formation End Depth:** 68.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931060483  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**

**Material 3 Desc:**  
**Formation Top Depth:** 68.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933111130  
**Layer:** 1  
**Plug From:** 8.0  
**Plug To:** 26.0  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961525217  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595528  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930082226  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 71.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991525217  
**Pump Set At:**  
**Static Level:**  
**Final Level After Pumping:**  
**Recommended Pump Depth:**  
**Pumping Rate:** 21.0  
**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:** No

**Water Details**

**Water ID:** 933484125

Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 124.0  
Water Found Depth UOM: ft

**Water Details**

Water ID: 933484124  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 86.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
**WWIS**

Well ID: 1526813  
Construction Date:  
Use 1st: Not Used  
Use 2nd:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 116877  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: OTTAWA CITY (NEPEAN)  
Site Info:

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 12/08/1992  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 6587  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10048501  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 08/19/1992  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

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

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

Formation ID: 931065250  
Layer: 3  
Color: 6  
General Color: BROWN  
Material 1: 11

**Material 1 Desc:** GRAVEL  
**Material 2:** 13  
**Material 2 Desc:** BOULDERS  
**Material 3:** 73  
**Material 3 Desc:** HARD  
**Formation Top Depth:** 13.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065249  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 11  
**Material 2 Desc:** GRAVEL  
**Material 3:** 85  
**Material 3 Desc:** SOFT  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 13.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065251  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:** 73  
**Material 2 Desc:** HARD  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 17.0  
**Formation End Depth:** 25.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065248  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 02  
**Material 1 Desc:** TOPSOIL  
**Material 2:** 85  
**Material 2 Desc:** SOFT  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933111979  
**Layer:** 1

**Plug From:** 0.0  
**Plug To:** 17.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

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

**Pipe Information**

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

**Construction Record - Casing**

**Casing ID:** 930084938  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326431  
**Layer:** 1  
**Slot:** 060  
**Screen Top Depth:** 23.0  
**Screen End Depth:** 26.0  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 4.0

**Results of Well Yield Testing**

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

**Draw Down & Recovery**

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

**Draw Down & Recovery**

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

**Draw Down & Recovery**

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

**Draw Down & Recovery**

**Pump Test Detail ID:** 934108978  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 20.0  
**Test Level UOM:** ft

**Water Details**

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

# Appendix: Database Descriptions

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

**Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

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

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

**Aggregate Inventory:**

Provincial [AGR](#)

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

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

**Abandoned Mine Information System:**

Provincial [AMIS](#)

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

**Government Publication Date: 1800-Apr 2024**

**Anderson's Waste Disposal Sites:**

Private [ANDR](#)

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

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

**Aboveground Storage Tanks:**

Provincial [AST](#)

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

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

**Automobile Wrecking & Supplies:**

Private [AUWR](#)

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

**Government Publication Date: 1999-Apr 30, 2024**

**Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2022**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

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

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

**Government Publication Date: Oct 2023**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

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

**Chemical Register:**

Private CHM

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

**Government Publication Date: 1999-Apr 30, 2024**

**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 -May 2024**

**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 2024**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Jun 30, 2024**



**Drill Hole Database:**

Provincial [DRL](#)

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

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

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

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

**Government Publication Date: Oct 2023**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

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

**Government Publication Date: Oct 2011-Jun 30, 2024**

**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994 - Jun 30, 2024**

**Environmental Compliance Approval:**

Provincial [ECA](#)

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

**Government Publication Date: Oct 2011-Jun 30, 2024**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

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

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Mar 31, 2024**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

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

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

**Emergency Management Historical Event:**

Provincial **EMHE**

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

**Government Publication Date: Apr 30, 2022**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2023**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

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

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

**Government Publication Date: Oct 2023**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Jun 2024**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

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

Federal **FRST**

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

**Government Publication Date: Oct 31, 2021**

**Fuel Storage Tank:**

Provincial **FST**

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

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

**Government Publication Date: Oct 2023**

**Fuel Storage Tank - Historic:**

Provincial

[FSTH](#)

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

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

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

[GEN](#)

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

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

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

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

**Government Publication Date: 2013-Dec 2022**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

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

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

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

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

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

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

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

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

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

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

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

**Canadian Mine Locations:**

Private

[MINE](#)

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

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

**Mineral Occurrences:**

Provincial

[MNR](#)

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

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

**National Analysis of Trends in Emergencies System (NATES):**

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

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

**National Defense & Canadian Forces Fuel Tanks:**

Federal

[NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

[NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Nov 2023**

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

Federal

[NDWD](#)

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

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

**National Energy Board Pipeline Incidents:**

Federal

[NEBI](#)

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

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

**National Energy Board Wells:**

Federal

[NEBP](#)

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

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

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

Federal

[NEES](#)

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

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

**National PCB Inventory:**

Federal

[NPCB](#)

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

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

**National Pollutant Release Inventory 1993-2020:**

Federal

[NPR2](#)

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

**Government Publication Date: Sep 2020**

**National Pollutant Release Inventory - Historic:**

Federal

[NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

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

**Oil and Gas Wells:**

Private

[OGWE](#)

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

**Government Publication Date: 1988-May 31, 2024**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

**Government Publication Date: 1800-Aug 2023**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

**Orders:**

Provincial

[ORD](#)

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

**Government Publication Date: 1994 - Jun 30, 2024**

**Canadian Pulp and Paper:**

Private

PAP

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

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

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

PES

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

**Government Publication Date: Oct 2011-Jun 30, 2024**

**NPRI Reporters - PFAS Substances:**

Federal

PFCH

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

**Government Publication Date: Sep 2020**

**Potential PFAS Handlers from NPRI:**

Federal

PFHA

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

**Government Publication Date: Sep 2020**

**Pipeline Incidents:**

Provincial

PINC

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

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

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

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

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

**Permit to Take Water:**

Provincial

PTTW

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

**Government Publication Date: 1994 - Jun 30, 2024**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-1990, 1992-2021**

**Record of Site Condition:**

Provincial **RSC**

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

**Retail Fuel Storage Tanks:**

Private **RST**

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

**Government Publication Date: 1999-Apr 30, 2024**

**Scott's Manufacturing Directory:**

Private **SCT**

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial **SPL**

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Mar 2024, May 2024 in addition to those listed in the Government Publication Date.

**Government Publication Date: 1988-Jan 2023; see description**

**Wastewater Discharger Registration Database:**

Provincial **SRDS**

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

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

**Anderson's Storage Tanks:**

Private **TANK**

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

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

**Transport Canada Fuel Storage Tanks:**

Federal **TCFT**

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

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

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

Provincial **VAR**

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

Records are not verified for accuracy or completeness.

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

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

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011-Jun 30, 2024**

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

Provincial

[WDSH](#)

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

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

**Water Well Information System:**

Provincial

[WWIS](#)

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

**Government Publication Date: Dec 31 2023**



# Definitions

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

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

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

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

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

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

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

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

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

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

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

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



# HISTORICAL AERIALS

**Project Property:** Leikin Dr, Ottawa, ON 20  
Leikin Drive  
Nepean ON K2C 3H1

**Project No:**

**Requested By:** Geosyntec Consultants

**Order No:** 21020500082

**Date Completed:** February 08, 2021

| <b>Decade</b> | <b>Year</b>   | <b>Image Scale</b> | <b>Source</b> |
|---------------|---------------|--------------------|---------------|
| 1940          | 1945          | 15000              | NAPL          |
| 1950          | 1958          | 12000              | NAPL          |
| 1980          | Not Available |                    |               |

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

## **Environmental Risk Information Services**

A division of Glacier Media Inc.

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



0 0.125 0.25 0.5  
Kilometers

Order Number: 21020500082

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



0 0.125 0.25 0.5  
Kilometers

Order Number: 21020500082

Year: 1958  
Source: NAPL  
Map Scale: 1: 10000  
Comments:

**APPENDIX E**  
**REGULATORY AGENCY RESPONSES**

## Ministry of the Environment, Conservation and Parks

### Freedom of Information Request for Property Information

#### Instructions

Use this form to:

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

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

**Are you: \***

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

#### Section 1 – Description of Records Requested

##### Time Period for Records Requested

From (yyyy/mm/dd) \*

1900/01/01

To (yyyy/mm/dd) \*

2024/10/07

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

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

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

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

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

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

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

Other Specific Document(s)

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

- Drinking Water Licenses
- No Supporting Documents  All Supporting Documents  Some Supporting Documents
- Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Permits to Take Water

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Water Source \*

Groundwater  Surface Water

Noise Vibrations Approvals/Registrations

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Air Emissions Approvals/Registrations

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

No Supporting Documents  All Supporting Documents  Some Supporting Documents

Company Name

Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.



## Section 2 – Requester Information

Last Name \*  First Name \*  Middle Initial

Business/Organization Name (if applicable or indicate "N/A") \*

Project/Reference Number (if applicable)

Are you submitting this request on behalf of a client? \*

Yes  No

Please upload an authorization/consent form from your client in Section 6 (Supporting Documentation)

### Name of Client

Last Name \*

First Name \*

Business/Organization Name (if applicable or indicate "N/A") \*

### Mailing Address

Unit Number

Street Number \*

Street Name \*

PO Box

City/Town \*

Province \*

Postal Code \*

Telephone Number \*

ext.

Email Address \*

Is there an alternate contact (e.g. office admin)? \*

Yes  No

## Section 3 – Current Property Address Information

Is the property a:

Park  Lake  First Nation Band  Wind Farm  Federal Land  Island  Unsurveyed Land

Are you requesting information about multiple addresses? \*

Yes  No

Please only submit a request with multiple addresses if the property is one site. To be considered one site, addresses must be adjacent to each other and owned by the same owner(s).

Do the multiple addresses belong to one site? \*

Yes  No

Please submit a separate FOI request for each address.

Site Name

### Property Address

#### Address 1

Unit Number

Street Number

Street Name

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| Full Lot Number      | Concession           | Geographic Township  |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

City/Town/Village \*

Closest Intersection

**Address 2**

|                      |                                 |   |
|----------------------|---------------------------------|---|
| Unit Number          | Street Number                   | Street Name                               |
| <input type="text"/> | <input type="text" value="20"/> | <input type="text" value="Leikin Drive"/> |

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| Full Lot Number      | Concession           | Geographic Township  |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

City/Town/Village \*

Closest Intersection

**Address 3**

|                      |                                 |   |
|----------------------|---------------------------------|---|
| Unit Number          | Street Number                   | Street Name                                     |
| <input type="text"/> | <input type="text" value="99"/> | <input type="text" value="Bill Leathem Drive"/> |

|                      |                      |                      |
|----------------------|----------------------|----------------------|
| Full Lot Number      | Concession           | Geographic Township  |
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

City/Town/Village \*

Closest Intersection

**Section 4 – Previous Property Address Information**

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? \*

Yes     No

**Section 5 – Owner Information**

Please provide all present and previous property owner and/or tenant names for the search years requested.

**Current Property Owner/Tenant**

**Address 1**

20 Leikin Drive  
Ottawa

|   |   |
|---|---|
| Owner Name  | Date of Ownership (yyyy/mm/dd)          |
| <input type="text" value="Medusa Limited Partnership"/> | <input type="text" value="2021/11/16"/> |

Tenant Name

**Address 2**

20 Leikin Drive  
Ottawa

Owner Name

Medusa Limited Partnership

Date of Ownership (yyyy/mm/dd)

2021/11/16

Tenant Name

**Address 3**

99 Bill Leathem Drive  
Ottawa

Owner Name

Medusa Limited Partnership

Date of Ownership (yyyy/mm/dd)

2021/11/16

Tenant Name

**Section 6 – Supporting Documents**

Please attach an authorization/consent form.

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

MECP FOI Consent Letter - South Merivale - signed.pdf

Total File Size

0.12 MB

Payment confirmation number: 30654974

**Ministry of the Environment,  
Conservation and Parks**

Corporate Services Branch  
40 St. Clair Avenue West  
Toronto ON M4V 1M2

**Ministère de l'Environnement, de la  
Protection de la nature et des Parcs**

Direction des services ministériels  
40, avenue St. Clair Ouest  
Toronto ON M4V 1M2



October 7, 2024

Brooke Wallace  
Geosyntec Consultants International, Inc.  
295 Hagey Boulevard, Unit 290  
Waterloo, Ontario N2L 6R5  
bwallace@geosyntec.com

Dear Brooke Wallace:

**RE: MECP FOI A-2024-06612 – Acknowledgement Letter**

The Ministry is in receipt of your request made pursuant to the Freedom of Information and Protection of Privacy Act. **The search will be conducted on the following:**

**2 and 20 Leikin Drive and 99 Bill Leathem Drive, Ottawa**

**Timeframe: January 1st, 1900 to October 7th, 2024**

**If there is any discrepancy, please contact us immediately.**

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

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

Yours truly,  
Adeolu Paul-Taiwo  
MECP Access and Privacy Office

Ministry of the Environment,  
Conservation and Parks

Corporate Services Branch  
40 St. Clair Avenue West  
Toronto ON M4V 1M2

Ministère de l'Environnement, de la  
Protection de la nature et des Parcs

Direction des services ministériels  
40, avenue St. Clair Ouest  
Toronto ON M4V 1M2



October 9, 2024

Ms. Brooke Wallace  
Geosyntec Consultants International, Inc.  
295 Hagey Boulevard, Unit 290  
Waterloo, Ontario N2L 6R5  
bwallace@geosyntec.com

Dear Brooke Wallace:

RE: **MECP FOI A-2024-06612 – Decision Letter**

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

2 and 20 Leikin Drive and 99 Bill Leathem Drive, Ottawa  
Timeframe: January 1st, 1900 to October 7th, 2024

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

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

If you have any questions, please contact Roxanne Chambers at 807-456-3035 or [roxanne.chambers@ontario.ca](mailto:roxanne.chambers@ontario.ca).

Yours truly,

*Roxanne Chambers*

for

Josephine DeSouza  
Manager, Access and Privacy Office

**From:** [Public Information Services](#)  
**To:** [Brooke Wallace](#)  
**Subject:** RE: Fuel Storage Inquiry  
**Date:** Wednesday, October 2, 2024 3:24:31 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

---

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Hello ,

**NO RECORDS FOUND IN CURRENT DATABASE:**

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

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

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org).

Kind regards,



**Slavka Zahrebelny | Public Information & Records Agent**

Public Information  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: [szahrebelny@tssa.org](mailto:szahrebelny@tssa.org)  
[www.tssa.org](http://www.tssa.org)





**Winner of 2024 5-Star Safety Cultures Award**

---

**From:** Brooke Wallace <BWallace@Geosyntec.com>

**Sent:** Wednesday, October 2, 2024 3:08 PM

**To:** Public Information Services <publicinformationservices@tssa.org>

**Cc:** Hadiqa Butt <Hadiqa.Butt@Geosyntec.com>; Kelvin Journal <Kelvin.Journal@Geosyntec.com>

**Subject:** Fuel Storage Inquiry

**[CAUTION]:** This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Please conduct a search for any records pertaining to fuel storage for the following addresses:

- 99 Bill Leathem Drive, Ottawa (Nepean), ON
- 2 Leikin Drive, Ottawa (Nepean), ON
- 20 Leikin Drive, Ottawa (Nepean), ON

Thank you,

**Brooke Wallace, B.Sc.**

**Environmental Scientist**

**Geosyntec Consultants International, Inc.**

130 Stone Road West, Guelph, ON N1G 3Z2

Office: 519.515.1321

Mobile: 289.264.7908

(she/her)

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VIA E-MAIL

July 22, 2021

Medusa LP  
c/o Russell Beach  
16766 rte Trans-Canada, suite 500  
Kirkland, Quebec H9H 4M7

Attention: Mr. Russell Beach  
Senior Development Manager  
[russell.beach@broccolini.com](mailto:russell.beach@broccolini.com)

**Subject: Response to Historic Land Use Inventory (HLUI) Request  
99 Bill Leathem Drive and 2 & 20 Leikin Drive, Ottawa, Ontario  
Geosyntec Reference Number: TR0936B**

Dear Mr. Beach:

As requested by Medusa LP, Geosyntec Consultants, Inc. (“Geosyntec”) submitted a HLUI request (File Number: D06-03-21-0108) for the properties at 99 Bill Leathem Drive and 2 & 20 Leikin Drive in Ottawa, Ontario (collectively, the “Site”) in support of the preparation of an Affidavit of Principal Consultant Concerning Environmental Site Assessment (the “Affidavit”). Geosyntec understands that the Affidavit is to be submitted to the City of Ottawa in support of the Site plan approval.

In response to the HLUI request, the City of Ottawa provided Geosyntec with a Response Letter, HLUI Summary Report, and HLUI Map, which are included in **Attachments**. The HLUI Summary Report Excel spreadsheet identifies the HLUI area, point, and line features within 250 metres (m) of the Site, as shown on the HLUI Map. A search of landfills and Environmental Risk Management Areas (ERMAs) was also conducted for properties located within 500 m of the Site. The HLUI Summary Report identified seven records pertaining to current or former commercial/industrial facilities located within 250 m of the Site. No landfills or ERMAs were identified within 500 m of the Site. Further, the Response Letter indicates that the City’s Environmental Remediation Unit is in possession of environmental records pertaining to the Site or to properties adjacent to the Site. To access these records, a Freedom of Information (FOI) request must be submitted to the City of Ottawa.

Considering that the above-mentioned environmental records identified in the Response Letter were not identified for the Site in the database report prepared by Environmental Risk Information Services (ERIS), which was obtained as part of Geosyntec’s Phase One ESA (Geosyntec, 2021),

Medusa LP  
July 22, 2021  
Page 2

the environmental records identified are therefore inferred to be associated with redevelopment activities. As such, we are of the opinion that no further action is needed.

We trust that this letter meets your needs. Should you have any questions or need additional information, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in blue ink, appearing to be 'BV', enclosed within a large, light blue oval scribble.

Berend Velderman, P. Geo., QP<sub>ESA</sub>  
Senior Consultant

Attachments – HLUI Response



File Number: D06-03-21-0108

July 14, 2021

Michelle Gluck  
Geosyntec Consultants  
424 - 135 Laurier Ave W  
Ottawa, ON K1P 5J2

*Sent via email [mgluck@geosyntec.com]*

Dear Ms. Gluck,

**Re: Information Request**  
**99 Bill Leathem Drive, 2 Leikin Drive and 20 Leikin 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:

- **Disposals and Environmental Remediation Unit:** The City's Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <https://ottawa.ca/en/city-hall/accountability-and-transparency/accountability-framework/freedom-information-and-protection-privacy/access-information>

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

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

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

**Ontario's Environmental Registry**

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed

new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

### **The Ontario Land Registry Office**

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

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

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

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

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

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

Sincerely,



Jeffrey Ren

Per:

Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services  
Planning, Infrastructure and Economic Development Department

MB / JR

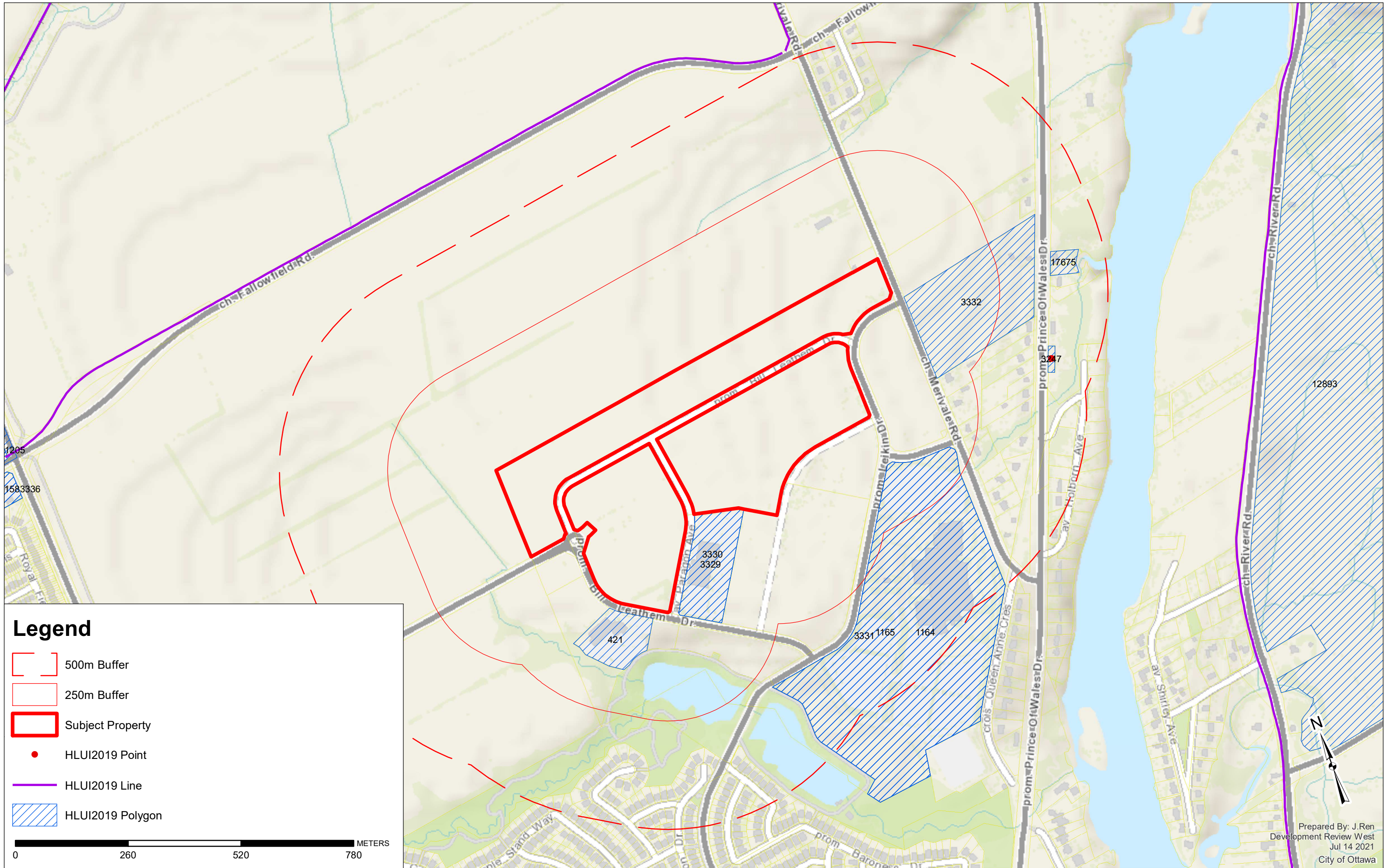
Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report






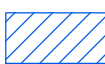
cc: File no. D06-03-21-0108

| OBJECTID | ACTIVITY_NAME                                    | FACILITY_TYPE | SOURCE_UPDATE_SORTED                         | QAQC | YEAR      | YEAR_1           | ST_NUM | ST_NAME      | ST_SUFFIX | ST_DIR | MUNICIPALITY | ST_NUM2017 | ST_NAME2017  | ST_SUFFIX2017 | ST_DIR2017 | POSTAL_CODE2017 | PIN2017  | MUNICIPALITY2017       | NAICS                  | SIC | COMMENTS                                      | STORAGE_TANK | Shape_Length | Shape_Area  |
|----------|--|---------------|--|------|-----------|------------------|--------|--------------|-----------|--------|--------------|------------|--------------|---------------|------------|-----------------|----------|------------------------|------------------------|-----|---|--------------|--------------|-------------|
| 421      | ENBRIDGE CONSUMER'S Gas Distribution Systems     |               | 2000-PID; 2001-ES; 2006-ES; 2006-ES; 2006-ES | 1    | 1991-2016 | c. 1991; c. 2000 | 90     | BILL LEATHEM | DR        |        | NEPEAN       | 90         | BILL LEATHEM | DR            |            | K2J0R3          | 47331450 | NEPEAN                 | 221210; 412110         | 511 |   |              | 499.6795615  | 16122.90154 |
| 1164     | JDS UNIPHASE CORP OF Communication and Other     |               | 2000-PID; 2001-ES; 2006-ES                   | 1    | 2000-2006 | c. 2000; c. 2006 | 3000   | MERIVALE     | RD        |        | NEPEAN       | 73         | LEIKIN       | DR            |            | 47336536        | NEPEAN   | 334210; 334290; 334511 |                        |     |   |              | 2178.992441  | 226138.4445 |
| 1165     | LEDUC ELECTRIC LIMITED Mechanical Specialty Work |               | 2001-ES                                      | 1    | 2001      | c. 2001          | 3000   | MERIVALE     | RD        |        | OTTAWA       | 73         | LEIKIN       | DR            |            | 47336536        | NEPEAN   | 238210                 |                        |     |   | 2178.992441  | 226138.4445  |             |
| 3329     | JDS UNIPHASE CORP Manufacturing                  |               | 2012-ES                                      | 1    | 2012      | ES 2012          | 61     | BILL LEATHEM | DR        |        |              | 61         | BILL LEATHEM | DR            |            | K2J0P7          | 47336645 | NEPEAN                 | 335920                 |     |   |              | 719.3025693  | 26160.05791 |
| 3330     | LUMENTUM OTTAWA INC Fiber Optics-Equipment &     |               | 2016-PID; 2017-SalesGenie                    | 1    | 2016-2017 | PID2016; c. 2017 | 61     | BILL LEATHEM | DR        |        | NEPEAN       | 61         | BILL LEATHEM | DR            |            | K2J0P7          | 47336645 | NEPEAN                 | 541710; 541510; 541380 |     | <Null>  |              | 719.3025693  | 26160.05791 |
| 3331     | MINTO COMMERCIAL INC Real estate and rental and  |               | 2016-PID                                     | 1    | 2016      | PID2016          | 73     | LEIKIN       | DR        |        | OTTAWA       | 73         | LEIKIN       | DR            |            | 47336536        | NEPEAN   | 531120                 |                        |     | 73 Leikin Drive (formerly 3000 Merivale Road) | 2178.992441  | 226138.4445  |             |
| 3332     | WORDS UNLIMITED Combined Publishing and          |               | 2001-ES                                      | 2    | 2001      | c. 2001          | 2883   | MERIVALE     | RD        |        | NEPEAN       | 0          |              |               |            | 47330055        | NEPEAN   | 511130                 |                        |     | no pin for 2883 - pin is for                  | 1061.302747  | 61922.55383  |             |

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



## Legend

-  500m Buffer
-  250m Buffer
-  Subject Property
-  HLUI2019 Point
-  HLUI2019 Line
-  HLUI2019 Polygon

0 260 520 780 METERS

**From:** [hlui](#)  
**To:** [Brooke Wallace](#)  
**Cc:** [hlui](#)  
**Subject:** RE: File Number: D06-03-21-0108 - Updated Request  
**Date:** Thursday, October 10, 2024 3:47:27 PM

---

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Good afternoon,

This would be considered as a new application, which would require a new request form.

Regards,

Evode Rwagasore

Planning, Development and Building Services Department (PDBS) |  
*Services de la planification, de l'aménagement et du bâtiment (DGSPAB)*  
110 Laurier Av. West | 110, ave Laurier ouest  
Tel. | tél. 613.580.2424 ext. | poste 16483  
City of Ottawa | *Ville d'Ottawa*

---

**From:** Brooke Wallace <BWallace@Geosyntec.com>  
**Sent:** October 07, 2024 2:57 PM  
**To:** hlui <hlui@ottawa.ca>  
**Subject:** File Number: D06-03-21-0108 - Updated Request

Good afternoon,

We are requesting whether information is available for the property with the following addresses:

- 99 Bill Leathem Drive, Ottawa (Nepean)
- 2 Leikin Drive, Ottawa (Nepean)
- 20 Leikin Drive, Ottawa (Nepean)

An initial HLUI request for records was submitted for this property in 2021 (File Number: D06-03-21-0108). Please let us know if we should proceed with submitting a new request form.

Thank you,

**Brooke Wallace, B.Sc.**  
**Environmental Scientist**  
**Geosyntec Consultants International, Inc.**  
130 Stone Road West, Guelph, ON N1G 3Z2  
Office: 519.515.1321  
Mobile: 289.264.7908



(she/her)

[GEOSYNTEC](#) | [SIREM](#) | [SAVRON](#)

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Office Use Only

|                                    |                    |   |
|------------------------------------|--------------------|---|
| Application Number: _____          | Ward Number: _____ | Application Received: (dd/mm/yyyy): _____ |
| Client Service Centre Staff: _____ | Fee Received: \$   | <input type="text"/>                      |



# Historic Land Use Inventory

## Application Form

### Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

### Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

### Background Information

**\*Site Address or Location:**

*\* Mandatory Field*

### \*Applicant/Agent Information:

Company name:

Contact name:

Mailing Address:

Telephone:  Email Address:

### \*Registered Property Owner Information:

Same as above

Name:

Mailing Address:

Telephone:  Email Address:

## Site Details

Legal Description and PIN:

04733-6826 (Pt Lots 18 & 19 Con 1 RF); 04733-6829 (Pt Lots 18 & 19 Con 1 RF Pt 5 4R8388 & Pts 4-6 4R8276); 04733-0484 (Pt Lots 18 & 19 Con 1 RF Pt 3 4R8388 & Pts 7-9 4R8276)

What is the land currently used for?

The property is currently comprised of agricultural cropland and open field but is scheduled to be developed for commercial/industrial use.

Lot frontage:  m Lot depth:  m Lot area: \_\_\_\_\_ m<sup>2</sup>

OR Lot area: (irregular lot)  m<sup>2</sup>

Does the site have Full Municipal Services:  Yes  No

## Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$181.00

## Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

**Disclaimer**  
**For use with HLUI Database**

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Geosyntec ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI 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.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 22/10/2024

Per: Brooke Wallace  
(Please print name)

Title: Environmental Scientist

Company: Geosyntec Consultants International, Inc.

**CONSENT TO DISCLOSE INFORMATION FORM**

I Russell Beach a representative of Medusa General Partner Inc., registered owner of 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive in Nepean (Ottawa), Ontario, hereby authorize Geosyntec Consultants International, Inc. to submit a Historic Land Use Inventory (HLUI) Request to the City of Ottawa for the property located at the aforementioned address.

I further authorize the City of Ottawa to disclose the records obtained from the HLUI search for 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive in Nepean (Ottawa), Ontario to Geosyntec Consultants International, Inc.



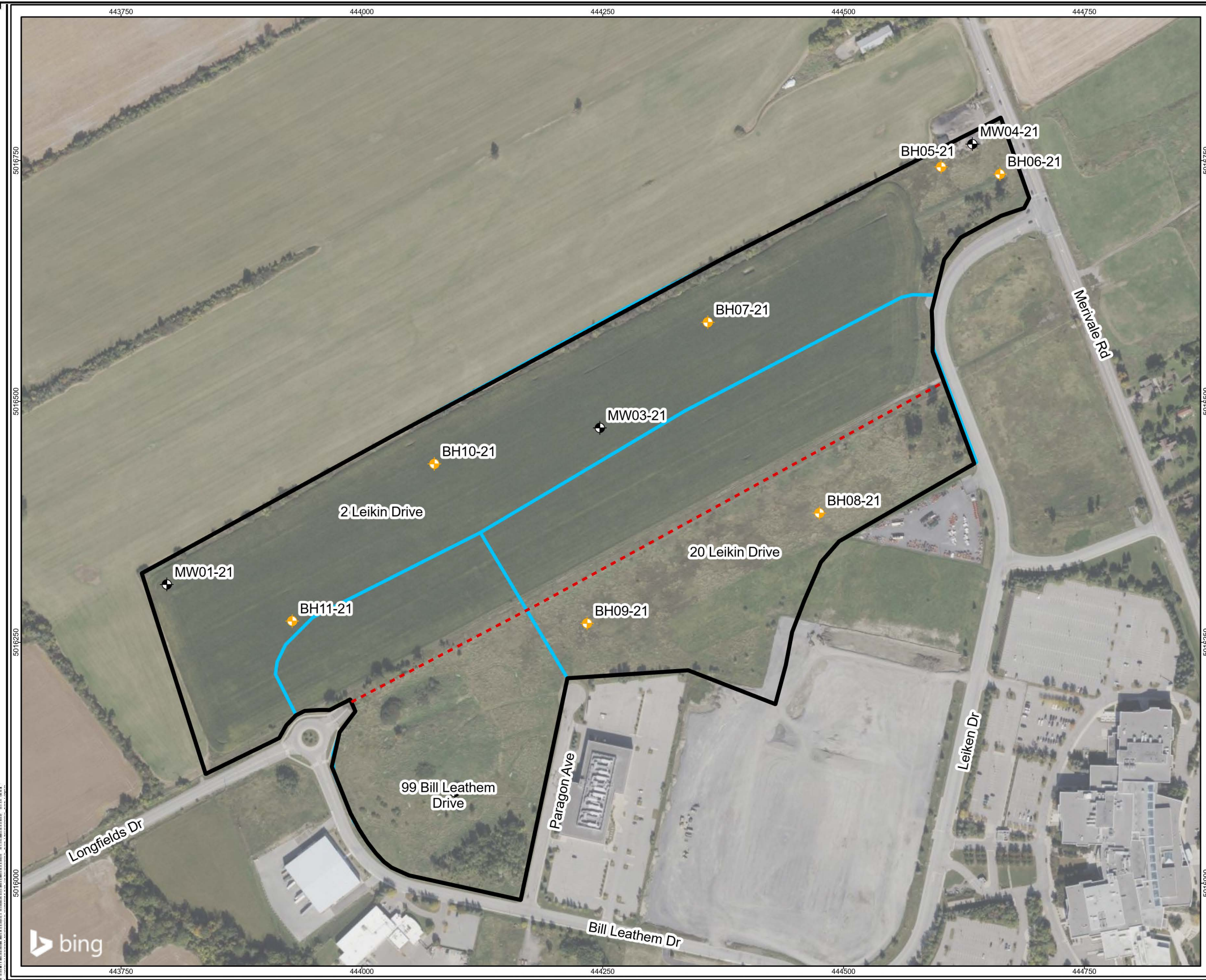
Oct 22 2024

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Signature of Authorized Representative

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Date



- Legend**
- Monitoring Well Location (Geosyntec, 2021)
  - Borehole Location (Geosyntec, 2021)
  - Sewer Line
  - Phase One Property Boundary
  - Parcel Boundaries

**Notes:**  
 1) Map Projection: NAD 1983 UTM Zone 18N  
 2) Sanitary Sewer source: <https://maps.ottawa.ca/geottawa/>, retrieved April 28, 2021  
 3) Imagery Bing Maps Aerial: © 2024 Microsoft Corporation © 2024 Maxar © CNES (2024) Distribution Airbus DS

The information and figures reflected in this document were prepared by Geosyntec Consultants, Inc. in relation to a specific scope of work and are the intellectual property of Geosyntec and its Client. Any use of the document or the information reflected therein, except by Geosyntec's Client in accordance with the terms of the agreement between the two, is not authorized.

**FIGURE 2**  
**Site Layout Map**

99 Bill Leatham Drive and  
 2 and 20 Leikin Drive

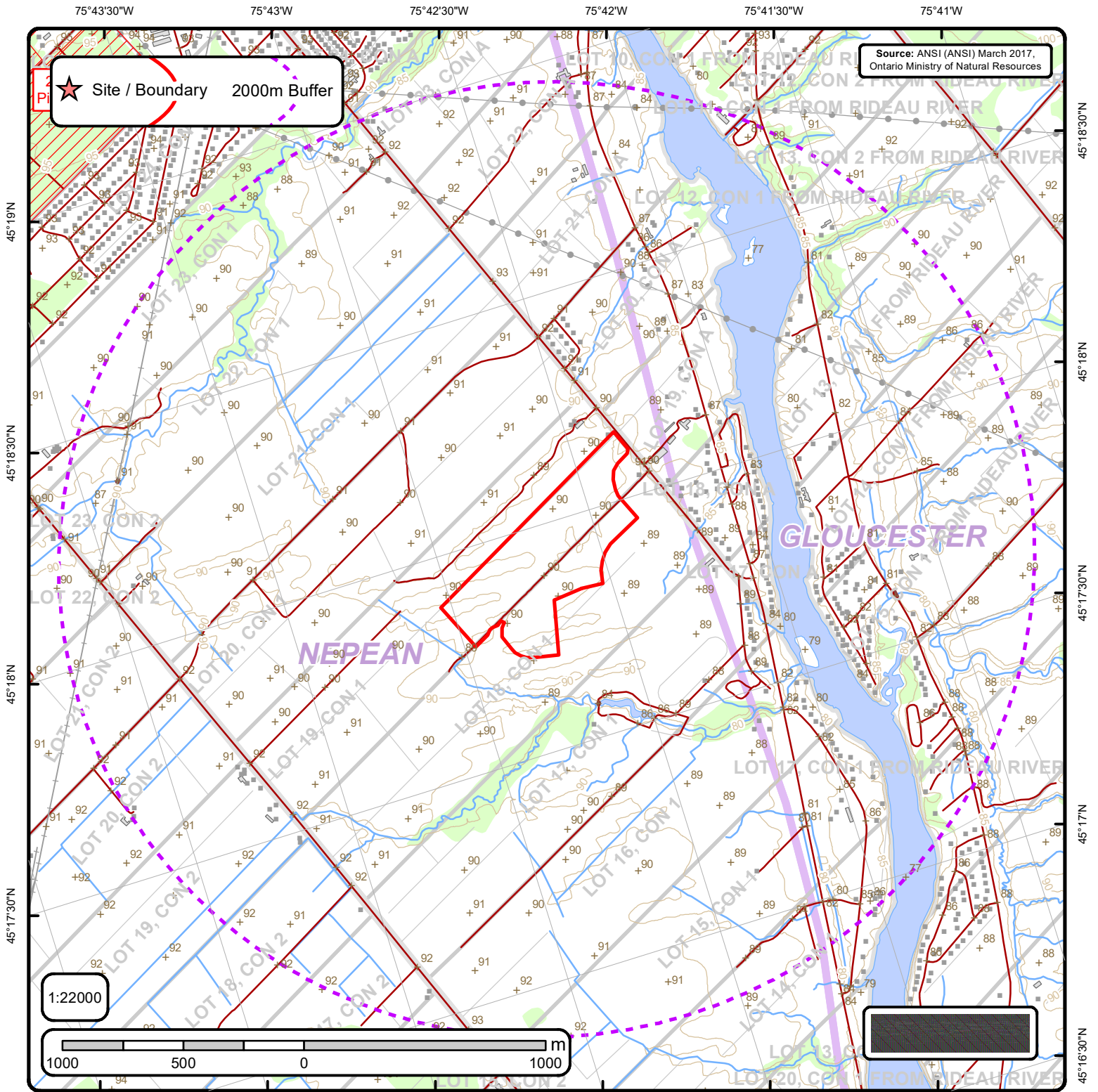
|                 |             |          |       |
|-----------------|-------------|----------|-------|
| OFFICE LOCATION | GUELPH      | REVISION | 00    |
| DATE PLOTTED    | 04-Oct-2024 | REVIEWED | KJ/HB |
| APPROX. SCALE   | 1:4,000     | CHECKED  | BW    |
| PAGE SIZE       | 11 x 17 in  | DRAWN    | JK    |

**Geosyntec**  
 consultants

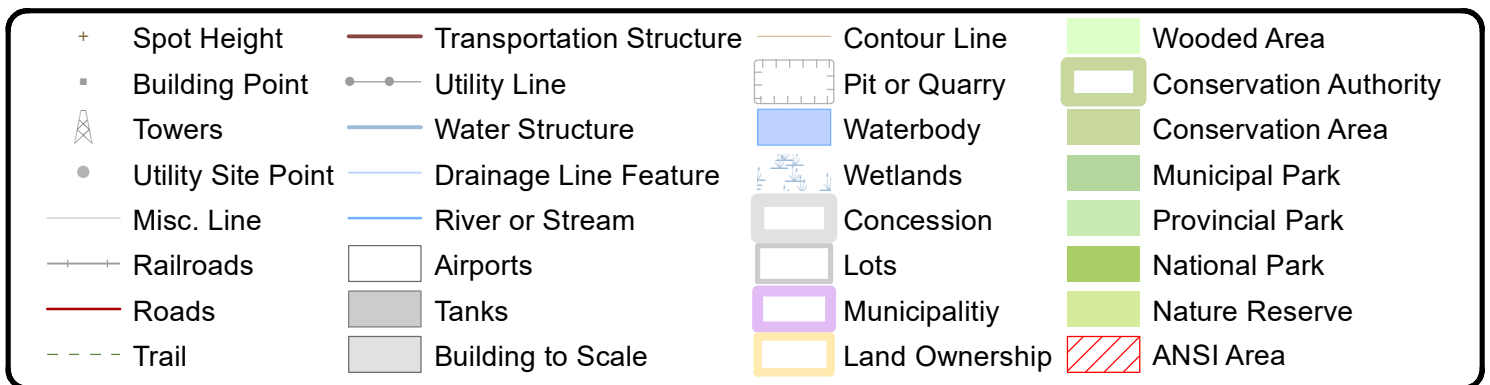
TRUE NORTH



**APPENDIX F**  
**ERIS MAPS**



## Area of Natural & Scientific Interest (ANSI) Order No. 21041400366





# ANSI Report

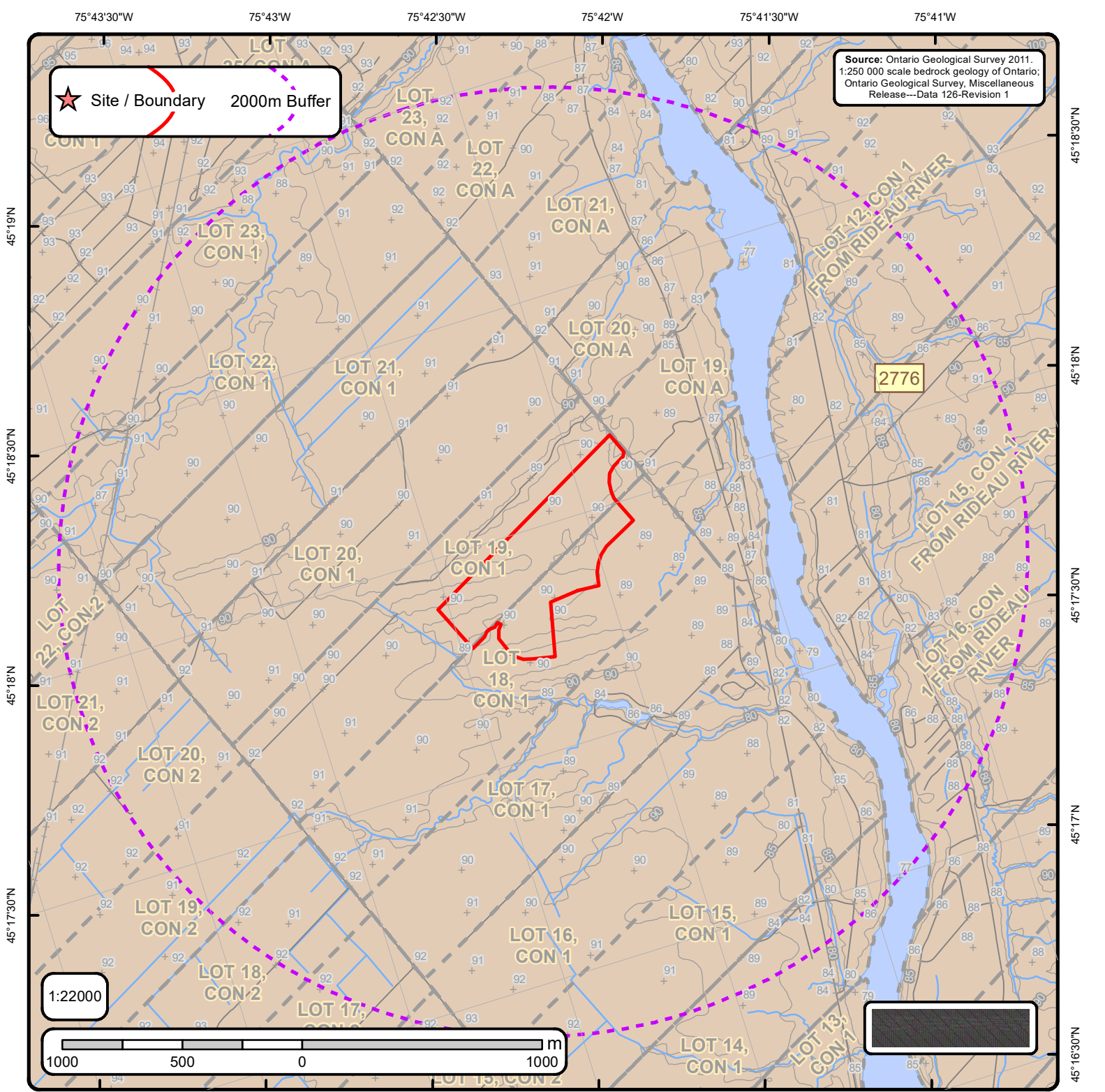
ANSI Units Found within 2000 m of

99 Bill Leathem Drive and Portions of 2 and 20 Leikin Drive

Page 1  
Order No.  
21041400366



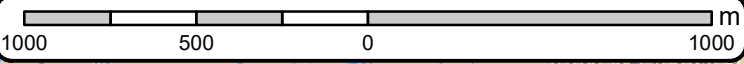
No ANSI units found within search area.



Source: Ontario Geological Survey 2011.  
 1:250 000 scale bedrock geology of Ontario;  
 Ontario Geological Survey, Miscellaneous  
 Release—Data 126-Revision 1

★ Site / Boundary 2000m Buffer

1:22000



# Bedrock Geology of Ontario

Order No. 21041400366

| Bedrock Geology Lines |  | Dikes                                  |   | C Lines  |              |
|-----------------------|--|--|---|--|--------------|
| + Spot Height         | CONTACT, GEOPHYSICAL, TREND, INTERPRETED   | Abitibi mafic dike                     | Marathon, Kapuskasing or Biscotasing mafic dike | FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION           | ▲ Kimberlite |
| — Roads               | CONTACT, SHARP, TREND, INTERPRETED   | Biscotasing mafic dike                 | Matachewan mafic dike                           | FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION              |              |
| — Contour Lines       | CONTACT, SHARP, TREND, OBSERVED  | Empey Lake mafic dike                  | Mine Centre mafic dike                          | FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION |              |
| — Streams             | FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION            | Felsic to intermediate intrusive rocks | Molson mafic dike                               | FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION            |              |
| — Railroads           | FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION                                | Fort Frances mafic dike                | North Channel mafic dike                        | FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION            |              |
| — Lots                | FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION          | Frontenac mafic dike                   | Pickle Crow mafic dike (Molson swarm) normal    | FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION               |              |
| — Pit or Quarry       | FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION             | Grenville mafic dike                   | Pickle Crow mafic dike (Molson swarm) reverse   | FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION             |              |
| — Airports            | FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION | Logan and Nipigon mafic sills          | Rideau mafic dike                               |  |              |
| — Waterbody           | FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION    | Mackenzie mafic dike                   | Sudbury mafic dike                              |  |              |
| — Wetlands            | FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION            | Mafic dikes of uncertain age           | Ultramafic, gabbroic and granophytic intrusions |  |              |
|                       | FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION               | Mafic sills and dikes                  | Unsubdivided mafic dike                         |  |              |
|                       | NEATLINE   | Marathon mafic dike                    | Unsubdivided mafic dike (Keweenaw age)          |  |              |
|                       | ONTARIO BORDER   |  | unknown   |  |              |
|                       | Marble, chert, iron formation, minor metavolcanic rocks                                |  |   |  |              |

# Bedrock Geology Report

Bedrock Geology units found within 2000 m of  
99 Bill Leathem Drive and Portions of 2 and 20 Leikin Drive

Page 1  
Order No.  
21041400366



**ID:** 2776 | **Unit Name:** |  
**Type (All):** 53 | **Type (Primary):** 53 | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Dolostone, sandstone | **Strata (Primary):** Beekmantown Group | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** LOWER ORDOVICIAN | **Province (Primary):**

# Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



**ID - Unit ID**      **Unit Name** - Generalized geological unit classification

**Type (All)** - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

**Type (Primary)** - The primary geological unit number or code for the primary rock type in an individual polygon

**Type (Secondary)** - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

**Type (Tertiary)** - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

**Rock Type (Primary)** - Rock type or sub-unit description

**Status (Primary)** - The Stratigraphic unit. Divided into:

Supergroup (two or more groups and lone formations)  
Group (two or more formations)  
Formation (primary unit of lithostratigraphy)  
Member (named lithologic subdivision of a formation)  
Bed (named distinctive layer in a member or formation)

**Super Eon (Primary)** - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

PRECAMBRIAN (0.542 Ga to <3.85 Ga)

**Eon (Primary)** - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

ARCHEAN (2.5 Ga to <3.85 Ga)  
PROTEROZOIC (0.542 Ga to 2.50 Ga)  
PHANEROZOIC (Present to 542.0 Ma)

**Era (Primary)** - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

|   |  |
|---|--|
| MESOARCHEAN (2.8 Ga to 3.2 Ga)              | MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)                     |
| NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)       | EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga) |
| NEOARCHEAN (2.5 Ga to 2.8 Ga)               | NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)            |
| PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)         | PALEOZOIC (251.0 Ma to 542.0 Ma)                       |
| MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) | MESOZOIC (65.5 Ma to 251.0 Ma)                         |

**Period (Primary)** - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

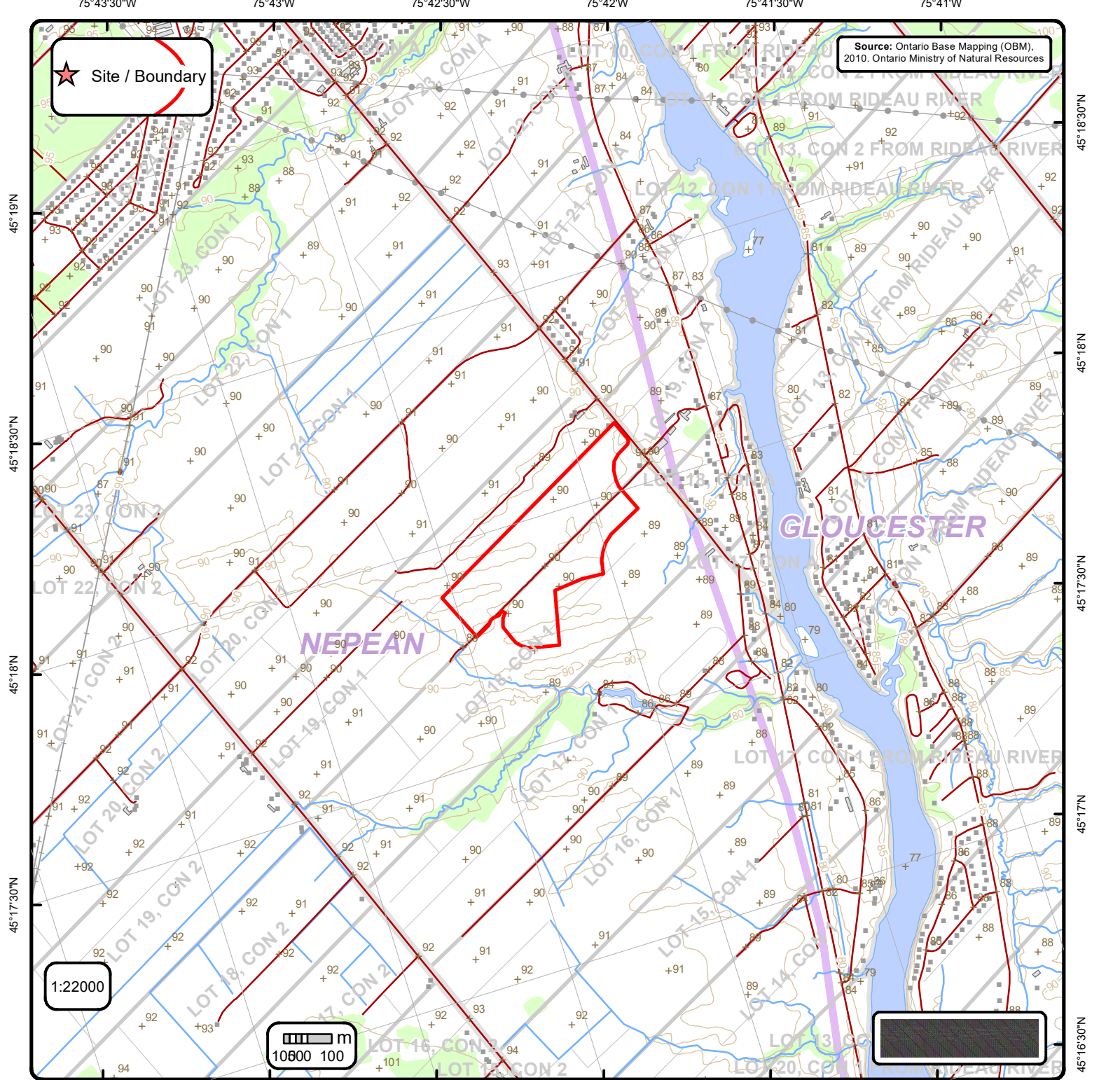
CAMBRIAN (488.3 Ma to 542.0 Ma)  
ORDOVICIAN (443.7 Ma to 488.3 Ma)  
SILURIAN (416.0 Ma to 443.7 Ma)  
DEVONIAN (359.2 Ma to 416.0 Ma)  
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)  
JURASSIC (145.5 Ma to 199.6 Ma)  
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

**Epoch (Primary)** - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

|                                  |                                      |
|----------------------------------|--------------------------------------|
| LOWER ORDOVICIAN                 | UPPER SILURIAN                       |
| MIDDLE ORDOVICIAN                | LOWER DEVONIAN                       |
| UPPER ORDOVICIAN                 | MIDDLE DEVONIAN                      |
| MIDDLE AND LOWER SILURIAN        | UPPER DEVONIAN                       |
| UPPER SILURIAN TO LOWER DEVONIAN | LOWER CRETACEOUS AND MIDDLE JURASSIC |

**Province (Primary)** - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

SUPERIOR  
SOUTHERN  
SUPERIOR  
GRENVILLE



# Ontario Base Mapping (OBM) Data

Order No. 21041400366

|                       |                            |                  |                          |
|-----------------------|----------------------------|------------------|--------------------------|
| + Spot Height (metre) | — Transportation Structure | — Contour Line   | Wooded Area              |
| ■ Building Point      | ● Utility Line             | ▭ Pit or Quarry  | ▭ Conservation Authority |
| ⚡ Towers              | — Water Structure          | ▭ Waterbody      | ▭ Conservation Area      |
| ● Utility Site Point  | — Drainage Line Feature    | ▭ Wetlands       | ▭ Municipal Park         |
| — Misc. Line          | — River or Stream          | ▭ Concession     | ▭ Provincial Park        |
| — Railroads           | ▭ Airports                 | ▭ Lots           | ▭ National Park          |
| — Roads               | ▭ Tanks                    | ▭ Municipality   | ▭ Nature Reserve         |
| - - - Trail           | ▭ Building to Scale        | ▭ Land Ownership |                          |

75°43'30"W

75°43'W

75°42'30"W

75°42'W

75°41'30"W

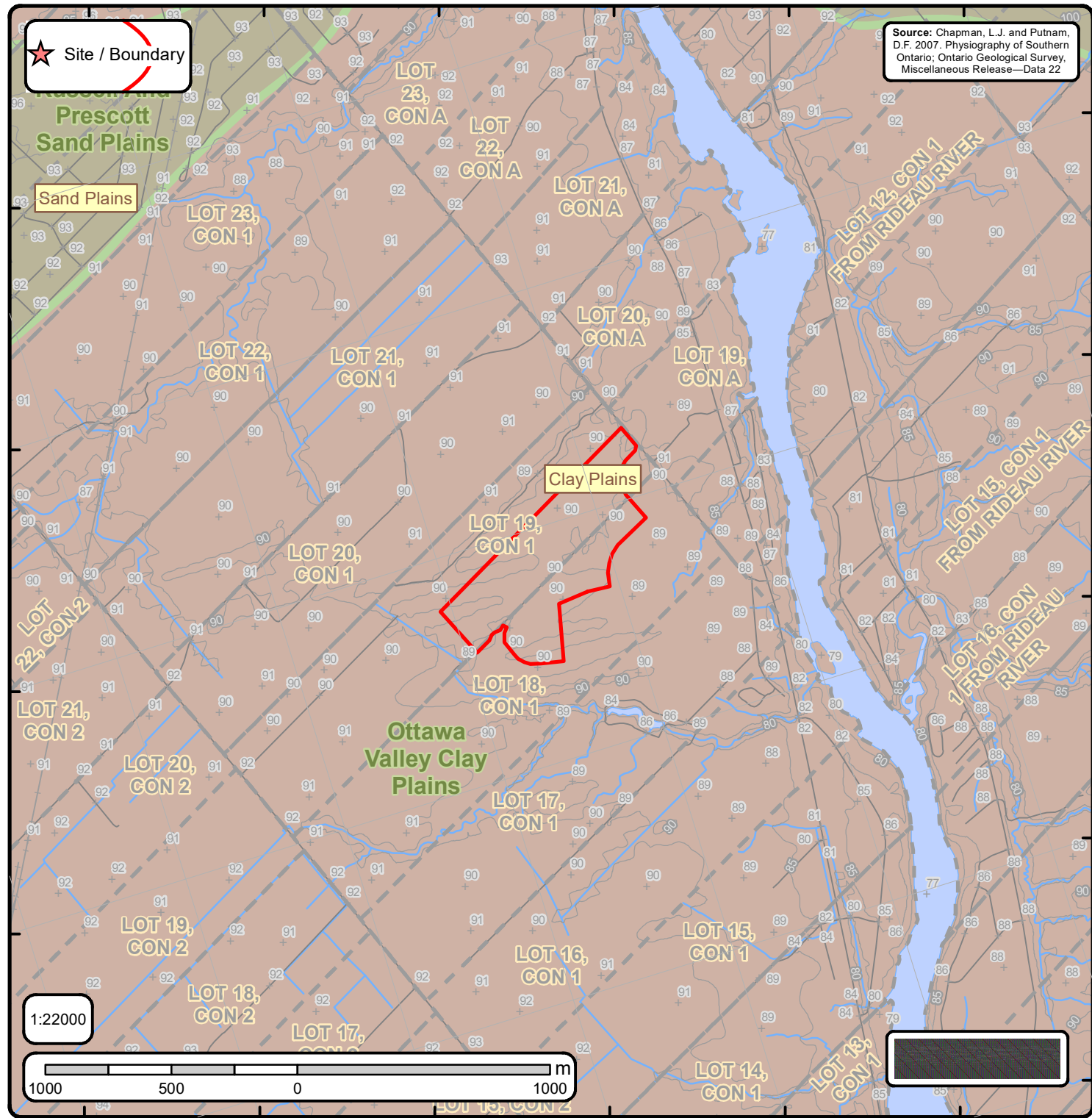
75°41'W

★ Site / Boundary

Source: Chapman, L.J. and Putnam, D.F. 2007. Physiography of Southern Ontario: Ontario Geological Survey, Miscellaneous Release—Data 22

45°19'N  
45°18'30"N  
45°18'N  
45°17'30"N  
45°17'N  
45°16'30"N

45°18'30"N  
45°18'N  
45°17'30"N  
45°17'N  
45°16'30"N



# Physiography of Southern Ontario

Order No. 21041400366

|   |               |   |                      |   |                               |   |                                   |   |                              |
|---|---------------|---|----------------------|---|-------------------------------|---|-----------------------------------|---|------------------------------|
| + | Spot Height   | ▭ | Lots                 | ◆ | Boulder Pavement              | ■ | Bare Rock Ridges And Shallow Till | ■ | Peat And Muck                |
| — | Roads         | ▭ | Pit or Quarry        | ◆ | Dissected Terrain             | ■ | Beaches                           | ■ | Sand Plains                  |
| — | Railroads     | ▭ | Airports             | ■ | Mud Flow Scars                | ■ | Bevelled Till Plains              | ■ | Shale Plains                 |
| — | Contour Lines | ▭ | Wetlands             | ▲ | Sand Dunes                    | ■ | Clay Plains                       | ■ | Shallow Till And Rock Ridges |
| — | Streams       | ▭ | Waterbody            | — | escarpment                    | ■ | Drumlins                          | ■ | Spillways                    |
|   |               |   |                      | — | shorecliff                    | ■ | Escarpments                       | ■ | Till Moraines                |
|   |               |   |                      | — | shorecliff (weakly developed) | ■ | Eskers                            | ■ | Till Plains (Drumlinized)    |
|   |               | ▭ | Physiography Regions |   |                               | ■ | Kame Moraines                     | ■ | Till Plains (Undrumlinized)  |
|   |               |   |                      |   |                               | ■ | Limestone Plains                  |   |                              |

75°43'30"W

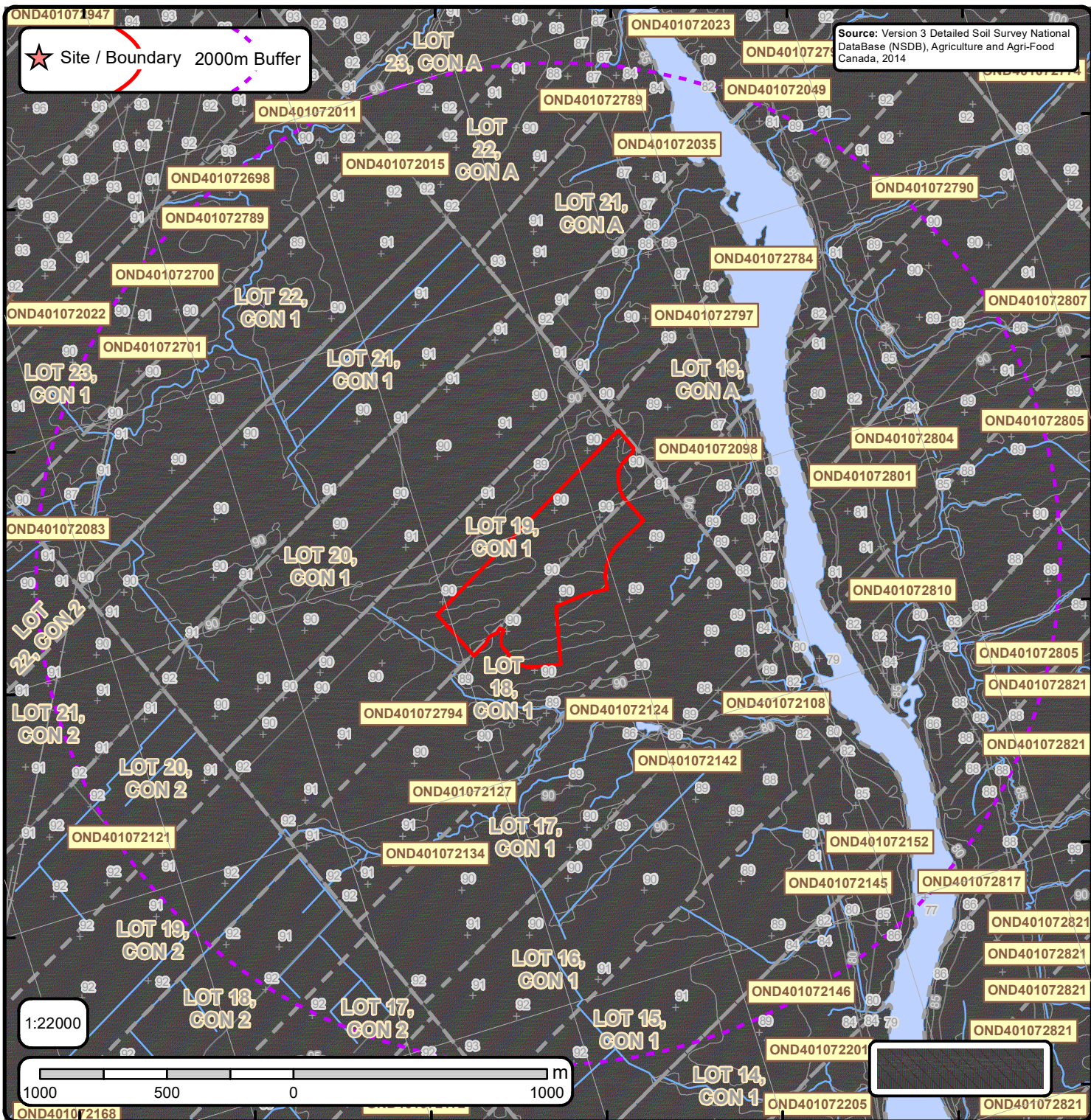
75°43'W

75°42'30"W

75°42'W

75°41'30"W

75°41'W



# Detailed Soil Survey (ON Soils)

Order No. 21041400366

|                 |                 |
|-----------------|-----------------|
| + Spot Height   | --- Lots        |
| — Railroads     | ▭ Pit or Quarry |
| — Roads         | ▭ Airports      |
| — Contour Lines | Wetlands        |
| — Streams       | Waterbody       |

# Soils Report

Soil Map Units Found within 2000 m of  
99 Bill Leatham Drive and Portions of 2 and 20 Leikin Drive

Page 1  
Order No.  
21041400366



Soil ID: OND401072801

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONCST~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : medium - moderately fine loam | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 30 | **Total Silt(%)** : 59 | **Total Clay(%)** : 11 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 5.5 | **Saturated Hydraulic Conductivity(cm/h)** : 1.156 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 20-35 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 36 | **Total Sand(%)** : 38 | **Total Silt(%)** : 48 | **Total Clay(%)** : 14 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.847 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 35-110 | **Horizon** : Cg | **Layer No** : 3 | **Very Fine Sand(%)** : 66 | **Total Sand(%)** : 67 | **Total Silt(%)** : 30 | **Total Clay(%)** : 3 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 5.398 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072801

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONBIV~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-17 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 53 | **Total Silt(%)** : 34 | **Total Clay(%)** : 13 | **Organic Carbon(%)** : 3.1 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 2.052 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 17-33 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 30 | **Total Silt(%)** : 39 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.273 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 33-62 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 52 | **Total Silt(%)** : 28 | **Total Clay(%)** : 20 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.683 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 62-84 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 45 | **Total Sand(%)** : 62 | **Total Silt(%)** : 26 | **Total Clay(%)** : 12 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 1.597 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 84-100 | **Horizon** : Ckg | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 54 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.194 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072789

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : Presence of adverse Topography | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0 |



# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072805

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072804

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONCRP~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-28 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 22 | **Total Sand(%)** : 28 | **Total Silt(%)** : 46 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.568 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 28-43 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 19 | **Total Sand(%)** : 21 | **Total Silt(%)** : 48 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.288 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 43-70 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.287 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 70-95 | **Horizon** : BCg | **Layer No** : 4 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 17 | **Total Silt(%)** : 50 | **Total Clay(%)** : 33 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 1.932 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 95-115 | **Horizon** : Cg | **Layer No** : 5 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 18 | **Total Silt(%)** : 48 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.214 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072804

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONNGW~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-25 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 43 | **Total Silt(%)** : 41 | **Total Clay(%)** : 16 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 1.375 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 25-37 | **Horizon** : Bgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 45 | **Total Silt(%)** : 40 | **Total Clay(%)** : 15 | **Organic Carbon(%)** : 3.3 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.752 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 37-100 | **Horizon** : Cg | **Layer No** : 3 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 20 | **Total Silt(%)** : 63 | **Total Clay(%)** : 17 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.29 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

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Soil ID: OND401072784

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZZZ~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : -- | **Layer No** : 1 | **Very Fine Sand(%)** : -9 | **Total Sand(%)** : -9 | **Total Silt(%)** : -9 | **Total Clay(%)** : -9 | **Organic Carbon(%)** : None | **pH in Calc Chloride** : None | **Saturated Hydraulic Conductivity(cm/h)** : None | **Electrical Conductivity(dS/m)** : None |

Soil ID: OND401072146

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072146

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : Presence of adverse Topography | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

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Soil ID: OND401072023

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072023

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONBIV~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-17 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 53 | **Total Silt(%)** : 34 | **Total Clay(%)** : 13 | **Organic Carbon(%)** : 3.1 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 2.052 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 17-33 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 30 | **Total Silt(%)** : 39 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.273 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 33-62 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 52 | **Total Silt(%)** : 28 | **Total Clay(%)** : 20 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.683 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 62-84 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 45 | **Total Sand(%)** : 62 | **Total Silt(%)** : 26 | **Total Clay(%)** : 12 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 1.597 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 84-100 | **Horizon** : Ckg | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 54 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.194 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072145

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONSTA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 40 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 20-50 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 41 | **Total Clay(%)** : 55 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.247 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 50-75 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 34 | **Total Clay(%)** : 61 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.249 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 75-100 | **Horizon** : Cgk | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 53 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.5 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0

# Soils Report

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Soil ID: OND401072145

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONZSC~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 7.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072142

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072124

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZER~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 37.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : No capability for agriculture. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

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Soil ID: OND401072127

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072121

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCEGM~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-28 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 17 | **Total Silt(%)** : 48 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 2.8 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.404 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 28-45 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 20 | **Total Silt(%)** : 55 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.293 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 45-56 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 19 | **Total Silt(%)** : 64 | **Total Clay(%)** : 17 | **Organic Carbon(%)** : 4.2 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.306 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 56-69 | **Horizon** : Btj | **Layer No** : 4 | **Very Fine Sand(%)** : 6 | **Total Sand(%)** : 21 | **Total Silt(%)** : 69 | **Total Clay(%)** : 10 | **Organic Carbon(%)** : 1.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.504 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 69-85 | **Horizon** : BCg | **Layer No** : 5 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 16 | **Total Silt(%)** : 64 | **Total Clay(%)** : 20 | **Organic Carbon(%)** : 0.7 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.248 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 85-100 | **Horizon** : Cg | **Layer No** : 6 | **Very Fine Sand(%)** : 6 | **Total Sand(%)** : 10 | **Total Silt(%)** : 77 | **Total Clay(%)** : 13 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.237 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072108

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : Presence of adverse Topography | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0

# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072083

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONCLA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : Low inherent Moisture holding capacity | **Depth(cm)** : 0-15 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 91 | **Total Silt(%)** : 5 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 1.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 6.934 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 15-25 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 8.209 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 25-66 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 95 | **Total Silt(%)** : 3 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.2 | **Saturated Hydraulic Conductivity(cm/h)** : 8.325 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 66-82 | **Horizon** : BC | **Layer No** : 4 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 82-100 | **Horizon** : C | **Layer No** : 5 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 6.96 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072083

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072810

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZER~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 37.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : No capability for agriculture. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

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Soil ID: OND401072698

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072698

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONSSM~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-21 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 29 | **Total Sand(%)** : 75 | **Total Silt(%)** : 16 | **Total Clay(%)** : 9 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.1 | **Saturated Hydraulic Conductivity(cm/h)** : 4.347 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 21-39 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 27 | **Total Sand(%)** : 91 | **Total Silt(%)** : 7 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 7.051 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 39-52 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 20 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.2 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 52-69 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 26 | **Total Sand(%)** : 93 | **Total Silt(%)** : 4 | **Total Clay(%)** : 3 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.2 | **Saturated Hydraulic Conductivity(cm/h)** : 6.155 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 69-100 | **Horizon** : Cg | **Layer No** : 5 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 96 | **Total Silt(%)** : 3 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 4.7 | **Saturated Hydraulic Conductivity(cm/h)** : 7.836 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072799

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZER~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 37.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : No capability for agriculture. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-100 | **Horizon** : Ah | **Layer No** : 1 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 15 | **Total Silt(%)** : 60 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.589 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072817

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072817

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONBIV~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-17 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 53 | **Total Silt(%)** : 34 | **Total Clay(%)** : 13 | **Organic Carbon(%)** : 3.1 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 2.052 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 17-33 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 30 | **Total Silt(%)** : 39 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.273 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 33-62 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 52 | **Total Silt(%)** : 28 | **Total Clay(%)** : 20 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.683 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 62-84 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 45 | **Total Sand(%)** : 62 | **Total Silt(%)** : 26 | **Total Clay(%)** : 12 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 1.597 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 84-100 | **Horizon** : Ckg | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 4 | **Total Silt(%)** : 54 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.194 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072797

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONGVI~~~~~A | **Surface Stoniness Class** : Moderately stony | **Slop Steepness(%)** : 22.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **Soil Texture of A Horizon** : medium - moderately fine loam | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-19 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 59 | **Total Silt(%)** : 30 | **Total Clay(%)** : 11 | **Organic Carbon(%)** : 2.3 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 2.565 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 19-35 | **Horizon** : Ap | **Layer No** : 2 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 62 | **Total Silt(%)** : 33 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 5.087 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 35-55 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 21 | **Total Sand(%)** : 63 | **Total Silt(%)** : 32 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 4.441 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 55-77 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 19 | **Total Sand(%)** : 56 | **Total Silt(%)** : 26 | **Total Clay(%)** : 18 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.856 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 77-92 | **Horizon** : BC | **Layer No** : 5 | **Very Fine Sand(%)** : 20 | **Total Sand(%)** : 61 | **Total Silt(%)** : 28 | **Total Clay(%)** : 11 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 1.805 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 92-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 22 | **Total Sand(%)** : 65 | **Total Silt(%)** : 30 | **Total Clay(%)** : 5 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 3.082 | **Electrical Conductivity(dS/m)** : 0 |



# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072797

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONRDU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-23 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 5 | **Total Silt(%)** : 27 | **Total Clay(%)** : 68 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.31 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 23-29 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 21 | **Total Clay(%)** : 76 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 29-37 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 18 | **Total Clay(%)** : 81 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.246 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 37-100 | **Horizon** : Cgj | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 1 | **Total Silt(%)** : 22 | **Total Clay(%)** : 77 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.192 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072794

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0

Soil ID: OND401072790

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0

# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072098

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Not Applicable | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Characteristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soil ID: OND401072035

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONPPV~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-15 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 41 | **Total Sand(%)** : 52 | **Total Silt(%)** : 31 | **Total Clay(%)** : 17 | **Organic Carbon(%)** : 3.2 | **pH in Calc Chloride** : 7.5 | **Saturated Hydraulic Conductivity(cm/h)** : 1.455 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 15-24 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 38 | **Total Sand(%)** : 53 | **Total Silt(%)** : 39 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.6 | **pH in Calc Chloride** : 6.2 | **Saturated Hydraulic Conductivity(cm/h)** : 2.56 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 24-50 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 73 | **Total Silt(%)** : 23 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.7 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 5.837 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 50-54 | **Horizon** : Bmgj | **Layer No** : 4 | **Very Fine Sand(%)** : 35 | **Total Sand(%)** : 78 | **Total Silt(%)** : 19 | **Total Clay(%)** : 3 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 6.904 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 54-63 | **Horizon** : Bg | **Layer No** : 5 | **Very Fine Sand(%)** : 57 | **Total Sand(%)** : 61 | **Total Silt(%)** : 32 | **Total Clay(%)** : 7 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 2.989 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 63-86 | **Horizon** : Bg | **Layer No** : 6 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 56 | **Total Silt(%)** : 33 | **Total Clay(%)** : 11 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 1.634 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 86-100 | **Horizon** : Cg | **Layer No** : 7 | **Very Fine Sand(%)** : 32 | **Total Sand(%)** : 37 | **Total Silt(%)** : 47 | **Total Clay(%)** : 16 | **Organic Carbon(%)** : 0.0 |

Soil ID: OND401072035

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONCST~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : medium - moderately fine loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-20 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 30 | **Total Silt(%)** : 59 | **Total Clay(%)** : 11 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 5.5 | **Saturated Hydraulic Conductivity(cm/h)** : 1.156 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 20-35 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 36 | **Total Sand(%)** : 38 | **Total Silt(%)** : 48 | **Total Clay(%)** : 14 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.847 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 35-110 | **Horizon** : Cg | **Layer No** : 3 | **Very Fine Sand(%)** : 66 | **Total Sand(%)** : 67 | **Total Silt(%)** : 30 | **Total Clay(%)** : 3 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 5.398 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072011

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONCLA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : Low inherent Moisture holding capacity | **Depth(cm)** : 0-15 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 91 | **Total Silt(%)** : 5 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 1.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 6.934 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 15-25 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 8.209 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 25-66 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 95 | **Total Silt(%)** : 3 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.2 | **Saturated Hydraulic Conductivity(cm/h)** : 8.325 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 66-82 | **Horizon** : BC | **Layer No** : 4 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 82-100 | **Horizon** : C | **Layer No** : 5 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 6.96 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072011

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONMOK~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-26 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 16 | **Total Sand(%)** : 79 | **Total Silt(%)** : 15 | **Total Clay(%)** : 6 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 5.871 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 26-42 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 21 | **Total Sand(%)** : 80 | **Total Silt(%)** : 14 | **Total Clay(%)** : 6 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 4.747 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 42-66 | **Horizon** : C | **Layer No** : 3 | **Very Fine Sand(%)** : 23 | **Total Sand(%)** : 81 | **Total Silt(%)** : 15 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 5.129 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 66-98 | **Horizon** : C | **Layer No** : 4 | **Very Fine Sand(%)** : 12 | **Total Sand(%)** : 19 | **Total Silt(%)** : 29 | **Total Clay(%)** : 52 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.203 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 98-109 | **Horizon** : C | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 3 | **Total Silt(%)** : 12 | **Total Clay(%)** : 85 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.193 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072015

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONCRP~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-28 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 22 | **Total Sand(%)** : 28 | **Total Silt(%)** : 46 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.568 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 28-43 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 19 | **Total Sand(%)** : 21 | **Total Silt(%)** : 48 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.288 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 43-70 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.287 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 70-95 | **Horizon** : BCg | **Layer No** : 4 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 17 | **Total Silt(%)** : 50 | **Total Clay(%)** : 33 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 1.932 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 95-115 | **Horizon** : Cg | **Layer No** : 5 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 18 | **Total Silt(%)** : 48 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.214 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

Soil Map Units Found within 2000 m of  
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Soil ID: OND401072015

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONNGW~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : silt loam | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-25 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 43 | **Total Silt(%)** : 41 | **Total Clay(%)** : 16 | **Organic Carbon(%)** : 3.9 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 1.375 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 25-37 | **Horizon** : Bgj | **Layer No** : 2 | **Very Fine Sand(%)** : 9 | **Total Sand(%)** : 45 | **Total Silt(%)** : 40 | **Total Clay(%)** : 15 | **Organic Carbon(%)** : 3.3 | **pH in Calc Chloride** : 7.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.752 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 37-100 | **Horizon** : Cg | **Layer No** : 3 | **Very Fine Sand(%)** : 5 | **Total Sand(%)** : 20 | **Total Silt(%)** : 63 | **Total Clay(%)** : 17 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.29 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072134

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONDHU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-14 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 14 | **Total Silt(%)** : 57 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 2.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.353 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 14-46 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 18 | **Total Silt(%)** : 47 | **Total Clay(%)** : 35 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.272 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 46-110 | **Horizon** : Cgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 13 | **Total Silt(%)** : 43 | **Total Clay(%)** : 44 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.201 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 110-120 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 7 | **Total Silt(%)** : 47 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.195 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072152

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONMTD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **Soil Texture of A Horizon** : medium - moderately fine loam | **Field Crops Capability** : moderate limitations on use for crops | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-22 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 35 | **Total Sand(%)** : 47 | **Total Silt(%)** : 39 | **Total Clay(%)** : 14 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 7.3 | **Saturated Hydraulic Conductivity(cm/h)** : 1.383 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 22-35 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 34 | **Total Sand(%)** : 49 | **Total Silt(%)** : 43 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 2.361 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 35-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 12 | **Total Sand(%)** : 48 | **Total Silt(%)** : 44 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.46 | **Electrical Conductivity(dS/m)** : 0 |

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Soil ID: OND401072152

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONCRP~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-28 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 22 | **Total Sand(%)** : 28 | **Total Silt(%)** : 46 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 3.5 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 0.568 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 28-43 | **Horizon** : Bmgj | **Layer No** : 2 | **Very Fine Sand(%)** : 19 | **Total Sand(%)** : 21 | **Total Silt(%)** : 48 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.6 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.288 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 43-70 | **Horizon** : Bmgj | **Layer No** : 3 | **Very Fine Sand(%)** : 18 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.287 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 70-95 | **Horizon** : BCg | **Layer No** : 4 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 17 | **Total Silt(%)** : 50 | **Total Clay(%)** : 33 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.8 | **Saturated Hydraulic Conductivity(cm/h)** : 1.932 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 95-115 | **Horizon** : Cg | **Layer No** : 5 | **Very Fine Sand(%)** : 17 | **Total Sand(%)** : 18 | **Total Silt(%)** : 48 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.214 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072700

**Component No** : 2 | **Components(%)** : 30 | **Soil Name ID** : ONCLA~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Severe limitations on use for crops. | **First CLI Limitation Subclass** : Low inherent soil Fertility | **Second CLI Limitation Subclass** : Low inherent Moisture holding capacity | **Depth(cm)** : 0-15 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 91 | **Total Silt(%)** : 5 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 1.2 | **pH in Calc Chloride** : 7.0 | **Saturated Hydraulic Conductivity(cm/h)** : 6.934 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 15-25 | **Horizon** : Bm | **Layer No** : 2 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 1.0 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 8.209 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 25-66 | **Horizon** : Bm | **Layer No** : 3 | **Very Fine Sand(%)** : 3 | **Total Sand(%)** : 95 | **Total Silt(%)** : 3 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.2 | **Saturated Hydraulic Conductivity(cm/h)** : 8.325 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 66-82 | **Horizon** : BC | **Layer No** : 4 | **Very Fine Sand(%)** : 2 | **Total Sand(%)** : 97 | **Total Silt(%)** : 2 | **Total Clay(%)** : 1 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 8.134 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 82-100 | **Horizon** : C | **Layer No** : 5 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 96 | **Total Silt(%)** : 2 | **Total Clay(%)** : 2 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.8 | **Saturated Hydraulic Conductivity(cm/h)** : 6.96 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072700

**Component No** : 1 | **Components(%)** : 70 | **Soil Name ID** : ONALL~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 31 | **Total Sand(%)** : 82 | **Total Silt(%)** : 10 | **Total Clay(%)** : 8 | **Organic Carbon(%)** : 1.5 | **pH in Calc Chloride** : 5.3 | **Saturated Hydraulic Conductivity(cm/h)** : 4.383 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 27-41 | **Horizon** : Bmg | **Layer No** : 2 | **Very Fine Sand(%)** : 40 | **Total Sand(%)** : 87 | **Total Silt(%)** : 9 | **Total Clay(%)** : 4 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.6 | **Saturated Hydraulic Conductivity(cm/h)** : 6.398 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 41-55 | **Horizon** : Bmg | **Layer No** : 3 | **Very Fine Sand(%)** : 28 | **Total Sand(%)** : 67 | **Total Silt(%)** : 14 | **Total Clay(%)** : 19 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 1.197 | **Electrical Conductivity(dS/m)** : 0 | **Depth(cm)** : 55-100 | **Horizon** : Ckj | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 34 | **Total Clay(%)** : 54 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

# Soils Report

Soil Map Units Found within 2000 m of  
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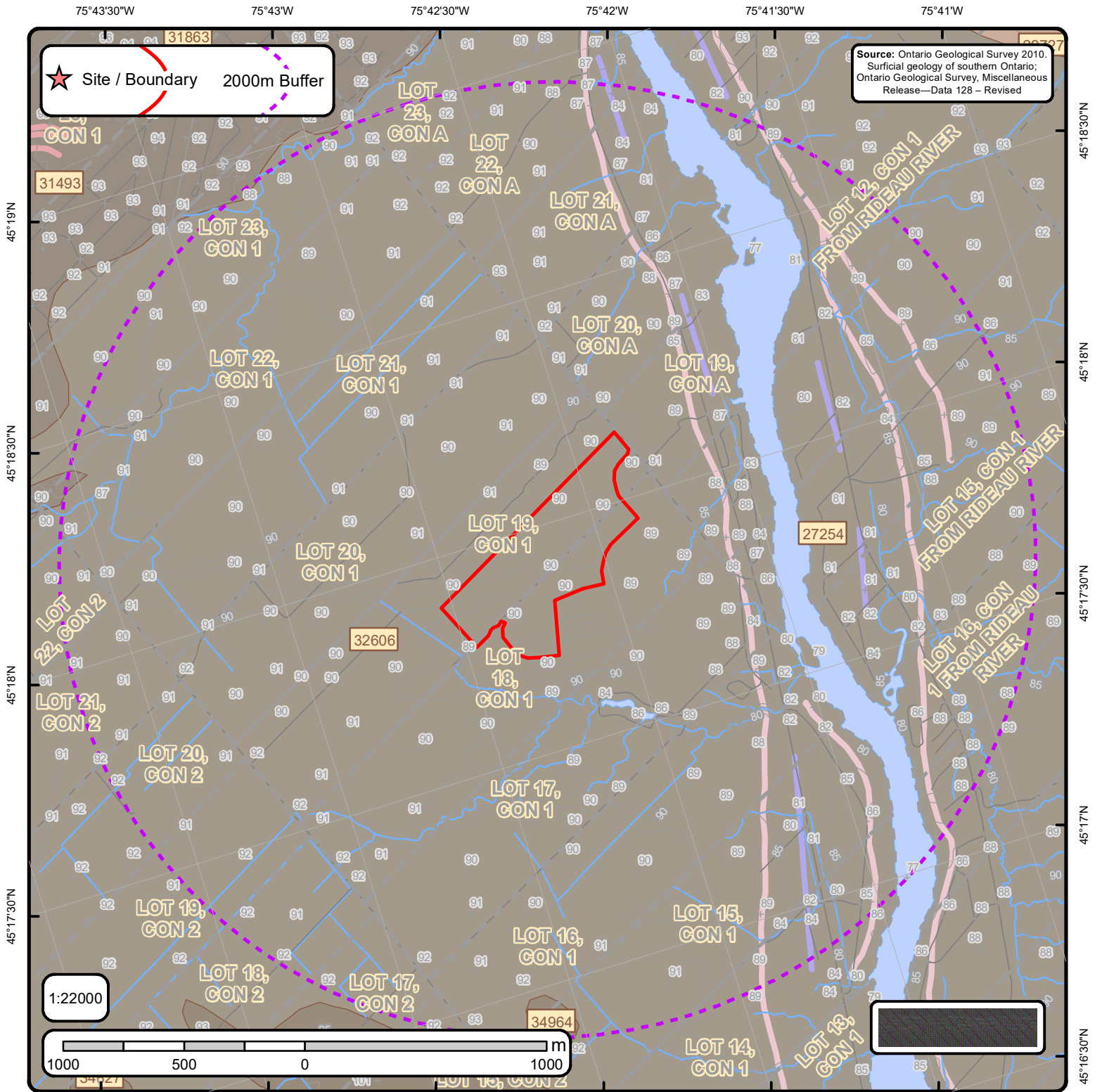


Soil ID: OND401072701

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND401072821

**Component No** : 1 | **Components(%)** : 100 | **Soil Name ID** : ONBDO~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : None | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-12 | **Horizon** : Apg | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 14 | **Total Silt(%)** : 52 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.1 | **pH in Calc Chloride** : 5.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.223 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 12-38 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 46 | **Total Clay(%)** : 43 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-70 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 11 | **Total Silt(%)** : 47 | **Total Clay(%)** : 42 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 6.9 | **Saturated Hydraulic Conductivity(cm/h)** : 0.211 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 70-105 | **Horizon** : Cg | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 8 | **Total Silt(%)** : 45 | **Total Clay(%)** : 47 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.197 | **Electrical Conductivity(dS/m)** : 0 |



# The Surficial Geology of Southern Ontario Order No. 21041400366

|   |               |   |               |  |            |  |          |  |            |  |          |  |         |
|---|---------------|---|---------------|--|------------|--|----------|--|------------|--|----------|--|---------|
| + | Spot Height   | — | Streams       |  | Dune       |  | Beach    |  | Esker      |  | karst    |  | pitsg   |
|   | Waterbody     | — | Contour Lines |  | Lake       |  | Bluff    |  | Esker ND   |  | linfeat  |  | popup   |
|   | Wetlands      | — | Roads         |  | Rib        |  | Crevasse |  | Fluvial DL |  | megarip  |  | ribl    |
|   | Airports      | — | Railroads     |  | Scab       |  | Crest    |  | fluvndl    |  | mfluvdl  |  | slidell |
|   | Pit or Quarry |   | Morains       |  | Slide      |  | End      |  | iceberg    |  | mfluvndl |  | slumpb  |
|   | Lots          |   | NOF Dune      |  | Escarpment |  | icslope  |  | moraine    |  | terrace  |  |         |

# Surface Geology Report

Surface Geology units found within 2000 m of  
99 Bill Leathem Drive and Portions of 2 and 20 Leikin Drive

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**ID:** 27254 | **Unit Name:** Offshore marine deposits |  
**Deposit Type Code:** 3a | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** silt, sand | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills to sand and pockets of nonmarine silt that were

**ID:** 31493 | **Unit Name:** Deltaic and estuarine deposits |  
**Deposit Type Code:** 4 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** glaciomarine | **Primary General Modifier:** deltaic | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Medium-to fine-grained sand, in some places fossiliferous; lies outside abandoned channels; most common deposit is a combined strip delta-sand plain that developed as water levels fell.

**ID:** 32606 | **Unit Name:** Offshore marine deposits |  
**Deposit Type Code:** 3 | **Deposit Age:** Quaternary (Champlain Sea) | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** sand | **Primary General:** glaciomarine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform a

**ID:** 34964 | **Unit Name:** Till |  
**Deposit Type Code:** 1a | **Deposit Age:** Quaternary | **Map Number:** of3103 | **Map Name:** Ottawa | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** sandy silt to silty sand | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** N-NE | **Carbon Content:** | **Formation:** Undifferentiated silty-sandy till on Paleozoic terrain | **Permeability:** Low-Medium | **Material Description:** Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (198 m a.s.l.) it is overlain by a disc



# Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario;  
Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.  
ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY



**ID** - ID applied to the Unit

**Unit Name** - Name of deposit

**Deposit Type Code** - The geological unit number taken from the original map legend.

**Deposit Age** - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

**Map Number** - Original map series number, eg., 'M2402' or 'P1973'. Each sgu\_point feature is tagged to its original map.

**Map Name** - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

**Source Map Scale** - The scale at which the original map was captured, e.g., '1:50 000'

**Primary Material** - This attribute provides the user with information regarding the most prevalent material present within a given area.

**Primary Material Modifier** - This attribute provides the user with a more refined description of the lithological classification of the primary material.

**Secondary Material** - This attribute provides the user with information regarding subordinate materials present within a given area.

**Primary General** - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

**Primary General Modifier** - This attribute provides the user with a refined interpretation of the primary genetic modifier.

**Veneer** - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

**Sub Episode** - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

**Sub Episode** - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

**Phase** - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

**Stratus Modifier** - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

**Provenance** - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

**Carbon Content** - This attribute provides the user with information regarding the carbonate content of till.

**Formation** - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

**Permeability** - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

**Material Description** - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.

**APPENDIX G**  
**SITE PHOTOGRAPHS**

**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B1

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 1**

**Date:** 3/10/2024

**Time:** 11:35:34 AM

**Direction:** N

**Comments:** General overview of the northern portion of the Site (2 Leikin Drive) looking north.



**Photograph 2**

**Date:** 3/10/2024

**Time:** 10:49:28 AM

**Direction:** W

**Comments:** General overview of the northern portion of the Site (2 Leikin Drive) looking west.



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 3**

**Date:** 3/10/2024

**Time:** 11:55:45 AM

**Direction:** W

**Comments:** General overview of the southern portion of the Site (20 Leikin Drive) looking west.



**Photograph 4**

**Date:** 3/10/2024

**Time:** 11:52:18 AM

**Direction:** S

**Comments:** General overview of southern portion of the Site (20 Leikin Drive) looking south. Commercial/industrial property (61 Bill Leathem Drive) visible in the distance.



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 5**

**Date:** 3/10/2024

**Time:** 12:00:57 PM

**Direction:** N

**Comments:** View of Site from the end of Paragon Avenue (20 Leikin Drive and 99 Bill Leathem Drive).



**Photograph 6**

**Date:** 3/10/2024

**Time:** 11:30:27 AM

**Direction:** E

**Comments:** View of southwestern portion of Site (99 Bill Leathem Drive).



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 7**

**Date:** 3/10/2024

**Time:** 11:48:39 AM

**Direction:** E

**Comments:** Recently cleared and re-graded former area of encroachment in the northeastern portion of the Site.



**Photograph 8**

**Date:** 3/10/2024

**Time:** 11:50:18 AM

**Direction:** W

**Comments:** Additional view of former area of encroachment and view of off-site operations at Canada Paving (2852 Merivale Road). A large stockpile was observed to be present on the Canada Paving proper



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 9**

**Date:** 3/10/2024

**Time:** 11:47:12 AM

**Direction:** S

**Comments:** One of three monitoring wells observed to be present at the Site. This monitoring well (MW04-21) was located in the northeastern portion of the Site.



**Photograph 10**

**Date:** 3/10/2024

**Time:** 11:00:35 AM

**Direction:** W

**Comments:** Signage indicating the trunk sewer line which transects the central portion of the Site.



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 11**

**Date:** 3/10/2024

**Time:** 10:47:17 AM

**Direction:** E

**Comments:** View of the soil berm located in the east-central portion of the Site.



**Photograph 12**

**Date:** 3/10/2024

**Time:** 11:33:11 AM

**Direction:** S

**Comments:** View of the fill piles located in the southern portion of the Site.





**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 13**

**Date:** 3/10/2024

**Time:** 11:26:34 AM

**Direction:** N

**Comments:** View of the adjacent agricultural property to the west of the Site.



**Photograph 14**

**Date:** 3/10/2024

**Time:** 11:31:23 AM

**Direction:** S

**Comments:** View of roadways and commercial/industrial properties on the adjacent properties to the southwest of the Site.



**GEOSYNTEC CONSULTANTS**  
**Photographic Record**

**Client:** Medusa LP 2

**Project Number:** TR0936B1

**Site Name:** 99 Bill Leathem Drive, 2 Leikin Drive, and 20 Leikin Drive

**Site Location:** Ottawa, Ontario

**Photograph 15**

**Date:** 3/10/2024

**Time:** 12:01:03 PM

**Direction:** E

**Comments:** View of the parking lot for Lumentum (61 Bill Leathem Drive) located adjacent to the southern Site boundary.



**Photograph 16**

**Date:** 3/10/2024

**Time:** 11:52:18 AM

**Direction:** W

**Comments:** Equipment storage yard (50 Leikin Drive) located on the adjacent property to the southeast of the Site.

