

# REVISED Phase One Environmental Site Assessment

5150 Innes Road Ottawa, Ontario

Prepared for:

# **Crombie REIT**

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Phase One Environmental Site Assessment 5150 Innes Road, Ottawa, Ontario Crombie REIT August 28, 2019 Pinchin File: 246763 REVISED

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#### 1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Crombie REIT (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 5150 Innes Road in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with a single-storey multi-tenant commercial building (Site Building A) and a single-storey commercial building (Site Building B).

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the purpose of filing a Site Plan Approval application with the City of Ottawa.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 in support of filing an application for Site Plan Approval with the City of Ottawa and was comprised of the following:

- A Records Review: Reviewed available current and historical information sources
  pertaining to the Phase One Property and Phase One Study Area including the use of,
  but not limited to, aerial photographs, city directories and historical environmental
  assessments relevant to the Phase One Property. Regulatory agencies were also
  contacted to identify if any records of environmental non-compliance or other information
  associated with the environmental condition of the Phase One Property exists, including
  searches of the Ministry of the Environment, Conservation and Parks (MECP's) Freedom
  of Information and water well records;
- Interviews: Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);
- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;



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- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of one legal lot, situated at the municipal address of 5150 Innes Road, Kitchener, Ontario, which is currently owned by the Client. The Phase One Property is located on the southwest corner of the intersection between Innes Road and Trim Road.

The following table provides a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, city directories, etc.
Prior to 1955	Assumed Crown, and unknown	Assumed vacant and/or agricultural	Agricultural or vacant (unused)	The 1955 aerial photograph was the earliest aerial photograph available for review, which depicted the Phase One Property to consist of agricultural land with a barn located along the south boundary. In addition, the Site Representatives indicated that they were not aware of any prior development at the Phase One Property.
1955 until sometime between 1976 and 1991	Unknown	Assumed vacant and/or agricultural	Agricultural or vacant (unused)	The 1967 and 1976 aerial photographs depicted the Phase One Property to be similar in configuration to the 1955 aerial photograph. In the 1991 aerial photograph, the barn was no longer evident along the south boundary of the Phase One Property.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, city directories, etc.
1991 – 2007.	Unknown	Vacant undeveloped land	Vacant undeveloped land	The 1991, 2002 and 2007 aerial photographs depicted the Phase One Property as vacant undeveloped land. In addition, the Phase One Property was not listed within the city directories during these years.
2008.	Unknown.	Commercial, retail, and vacant undeveloped land	Commercial, retail, and vacant undeveloped land	Site Building A was reportedly constructed in 2008, and the address for the Phase One Property was listed within the 2010 city directories reviewed by Pinchin.
2009- present.	Unknown, and Crombie REIT	Commercial, retail	Commercial, retail	Similar to 2008; however, Site Building B was evident on-Site in the 2011 aerial photograph, and the Site Representatives indicated that Site Building B was constructed in approximately 2009.

To the best of Pinchin's knowledge, the Phase One Property was developed prior to 1955 with a barn building located along the south boundary, which was associated with the farmstead located adjacent to the south elevation of the Phase One Property. This barn remained present until sometime between 1976 and 1991, when the barn was demolished and the Phase One Property consisted of vacant undeveloped land, until the construction of Site Building A in approximately 2006. Site Building A has always been occupied by Sobey's (i.e., grocery store) and the LCBO (i.e., beverage retailer). Site Building B was constructed in approximately 2009 and has always been occupied by CIBC (i.e., financial institution).

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is prior to 1955, with the construction of a barn building along the south boundary of the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial



photographs. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

The review of information obtained from historical records, interviews and a Site reconnaissance completed by Pinchin for the Phase One ESA identified one PCA at the Phase One Property (i.e., on-Site, PCA #1) and three PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site, PCAs #2, #3 and #4). The three off-Site PCAs (i.e., off-Site RFO, former off-Site PFO and off-Site pad and pole-mounted oil-cooled transformers) within the Phase One Study Area are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property, the inferred groundwater flow direction, and/or the observations made during Pinchin's Site reconnaissance. The on-Site PCA (PCA #1, the three pad-mounted oil-cooled transformers on the Phase One Property) is not considered to result in an APEC at the Phase One Property given the observations made during Pinchin's Site reconnaissance and the results of previous subsurface environmental work completed at the Site. As such, it is Pinchin's opinion that the Phase One Property is suitable for the filing of a Site Plan Approval application with the City of Ottawa based only on the completion of this Phase One ESA report.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

# 2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA represents on APEC for the Phase One Property.

This Phase One ESA was conducted at the request of the Client for the purpose of filing a Site Plan Approval application with the City of Ottawa.



# 2.1 Phase One Property Information

The Phase One Property consists of one legal lot, situated at the municipal address of 5150 Innes Road, Kitchener, Ontario, which is currently owned by the Client. The Phase One Property is located on the southwest corner of the intersection between Innes Road and Trim Road, as shown on Figure 1 (all Figures are provided in Appendix A and all appendices are provided in Section 10.0). A plan showing the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 2. PCAs identified within the Phase One Study Area are labelled on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix B. A current legal survey of the Phase One Property is included in Appendix C.

Detail	Source / Reference	Information
Legal Description	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	Concession 9, Part Lot 1, RP 4R20248 PT; Parts 5 and 6, City of Ottawa
Municipal Address	Client	5150 Innes Road Ottawa, ON K4A 0G4
Parcel Identification Number (PIN)	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	145640048
Current Owner	Client	Crombie REIT
Current Occupants	Client	Site Building A – Sobey's (grocery store), and LCBO (retail) Site Building B – CIBC (financial institution)
Client	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Crombie REIT
Client Contact Information	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Mr. Michael Glynn c/o Crombie REIT 5935 Airport Road, Suite 810 Mississauga, ON L4V 1W5 Phone: 905-614-5472 <u>Michael.Glynn@crombie.ca</u>
Site Area	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	2.67 hectares (6.61 acres)
Current Zoning	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	GM15 (H) – General Mixed Use Zone (H)

Pertinent details of the Phase One Property are provided in the following table:



#### 3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Pinchin reviewed available current and historical information sources pertaining to the Phase One Property and surrounding properties within the Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, historical environmental assessments relevant to the Phase One Property, a regulatory data base search and MECP water well records. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exist, including the MECP's Freedom of Information and Protection of Privacy Office;
- Interviews: Pinchin conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Pinchin completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publiclyaccessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of significant environmental contaminants of concern;
- Evaluation: Pinchin evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Pinchin prepared a Phase One ESA report summarizing the findings of the Phase One ESA; and
- Submission: Pinchin submitted the Phase One ESA report to the Client.

#### 4.0 RECORDS REVIEW

#### 4.1 General

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was during August 2019, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on August 15, 2019, by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed all areas of the Phase One Property, with the exception of the roof of each Site Building, as well as office portions of Site Building B (occupied by CIBC) for privacy reasons.



Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.

# 4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 metres (m), but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04. A map of the Phase One Study Area and the surrounding land use is presented in Figure 2.

# 4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be:

- a. The first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
- b. The first potentially contaminating use or activity on the Phase One Property.

A review of available aerial photographs determined that the Phase One Property was first developed with a barn building prior to 1955, and was associated with the former farmstead located adjacent to the south elevation of the Phase One Property. Therefore, it is Pinchin's opinion that the first developed use of the Phase One Property was prior to 1955. To the best of Pinchin's knowledge, no building or structure had been constructed on the Phase One Property prior to the barn building.

The date of the first developed use of the Phase One Property was determined through a review of city directories and aerial photographs, as well as correspondence with the Site Representatives. No other information was reviewed by Pinchin during the records review, or obtained during the Site reconnaissance or interviews which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.



# 4.1.3 Fire Insurance Plans

Pinchin contacted Opta Information Intelligence (Opta) to obtain Fire Insurance Plans (FIPs) related to the Phase One Property and the Phase One Study Area. A response was received from Opta, dated August 12, 2019, which indicated that no FIPs for the Phase One Property and Phase One Study Area were available. The Opta response is provided in Appendix D.

#### 4.1.4 Environmental Reports

The following previous environmental report for the Phase One Property, as previously prepared by Pinchin, was reviewed by Pinchin:

 Report entitled "5150 Innes Road, Orleans – Pad Mounted Transformer Leak Remedial Excavation" prepared by Hemmera Envirochem Inc. (Hemmera) for Hydro One Networks Inc., and dated October 2, 2019 (the 2019 Hemmera Remedial Excavation Report).

The 2019 Hemmera Remedial Excavation Report was completed at the Phase One Property to address a leaking pad-mounted oil-cooled transformer that was observed during Pinchin's Site reconnaissance. The transformer is located exterior to the north elevation of Site Building A, on the northwest portion of the Phase One Property. Pinchin observed and area of dark (likely petroleum hydrocarbon (PHC)) staining in the vicinity of the transformer.

The following salient information was provided within the 2019 Hemmera Remedial Excavation Report:

- The faulty transformer was reported by the Client to Hydro One Networks Inc. on September 3, 2019, and the transformer was immediately replaced;
- Approximately 100-L of mineral insulating oil was estimated to have leaked from the transformer and onto the bare ground soil;
- Approximately 3,500-L of PHC-impacted soil slurry was removed from the Phase One Property, and subsequently disposed of at an MECP-licensed facility. The soils encountered in the excavation consisted of medium/fine grained sand and silt and coarse-grained limestone screenings, with concrete at the base of the excavation;
- A total of three soil verification samples (south, east and west walls of the excavation) were collected/submitted for laboratory analysis of PHCs in the carbon fractions F1 to F4. The analytical results were compared to Table 2 (commercial land use in a potable water condition with medium/fine textured soils) of the MECP guidelines, as outlined in their document entitled "Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", and dated April 15, 2011 (2011 Table 2 Standards).



All soil samples satisfied the 2011 Table 2 Standards and as such, no further environmental work was recommended.

# 4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.

# 4.2.1 Environmental Database Search – ERIS

Pinchin retained Environmental Risk Information Services (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. A copy of the ERIS report is provided in Appendix E and the results of the database search are described in the following subsections.

# 4.2.1.1 National Pollutant Release Inventory

ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the ERIS report for NPRI information and found no records regarding the Phase One Study Area.

# 4.2.1.2 Ontario Inventory of PCB Storage Sites

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MECP. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Study Area.

# 4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.



ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Study Area.

# 4.2.1.4 Certificates of Approval

ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Csof-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011.

The ERIS search of the C-of-A database identified no Cs-of-A for the Phase One Property and seven Csof-A for other properties within the Phase One Study Area. All of these Cs-of-A were for air emissions, sewage works and municipal water works and no Cs-of-A were identified for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to Cs-of-A at the Phase One Property and at other properties within the Phase One Study Area to represent an environmental concern to the Phase One Property.

# 4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). Details regarding these databases are provided in the ERIS report in Appendix E.

The ERIS search of the ECA database identified no ECAs for the Phase One Property and five ECAs for other properties within the Phase One Study Area. All of these ECAs were for air emissions, sewage works and municipal water works and no ECAs were identified for discharge to groundwater, which is considered the primary pathway of concern for contaminant impacts on the Phase One Property. As such, Pinchin does not consider the activities related to ECAs at the Phase One Property and other properties within the Phase One Study Area to represent an environmental concern to the Phase One Property.

The ERIS database search identified no information regarding PTTWs or CPUs for the Phase One Study Area.



# 4.2.1.6 Inventory of Coal Gasification Plants

ERIS searched the following publications prepared for the MECP by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

- "Inventory of Coal Gasification Plant Waste Sites in Ontario", dated April 1987; and
- *"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario"*, dated November 1988.

The ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars within the Phase One Study Area.

# 4.2.1.7 Environmental Incidents, Orders, Offences and Spills

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS database search of records of environmental incidents, orders, offences or spills revealed the following for the Phase One Study Area:

- No records were found of environmental incidents, orders, offences or spills for the Phase One Property; and
- No records were found of environmental incidents, orders, offences or spills for the Phase One Study Area, with the exception of the following:
  - The TSSA Historic Incidents database indicated that on October 30, 2006, a discharge of natural gas occurred at 110 Briargate Private (due to a pipeline strike), a surrounding property located approximately 160 m north-northeast of the Phase One Property. However, based on the nature of the discharge, it is Pinchin's opinion that this incident is unlikely to result in potential subsurface impacts at the Phase One Property;
  - The Ontario Spills database indicated that on May 18, 2001, an unspecified quantity of diesel was spilled from a school bus onto the asphalt-paved ground surface at the intersection between Innes Road and Trim Road (adjacent to the northeast corner of the Phase One Property). The ERIS report indicated that the spill entered a catch basin; however, the spill was cleaned. Based on the receiving mediums of the spill (i.e., sealed asphalt surface and municipal sewer system), as well as the fact that the spill was cleaned, it is Pinchin's opinion that



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this historical spill is unlikely to result in potential subsurface impacts at the Phase One Property;

- The Ontario Spills database indicated that on November 7, 2016, approximately 14-L of leaked from a city bus onto the asphalt-paved ground surface at the intersection between Innes Road and Trim Road (adjacent to the northeast corner of the Phase One Property). The ERIS report indicated that the spill was cleaned. Based on the receiving mediums of the spill (i.e., sealed asphalt surface), the minor nature of the spill, and the fact that the spill was cleaned, it is Pinchin's opinion that this historical spill is unlikely to result in potential subsurface impacts at the Phase One Property;
- The Ontario Spills database indicated that on January 5, 1999, diesel fuel leaked from an underground storage tank (UST) located at 2035 Trim Road, a surrounding property located approximately 50 m southeast of the Phase One Property; however, the UST is/was located at least 85 m southeast of the Phase One Property and this property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this UST and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this historical leak is unlikely to result in potential subsurface impacts at the Phase One Property; and
- Three additional spill records were identified for other properties located within the Phase One Study Area. The majority of the recorded spills were minor in nature, or were to the paved roadway and storm sewer system, or to paved parking areas. As such, the potential for the documented spills to be causes for environmental concern to the Phase One Property is considered low.

#### 4.2.1.8 Waste Management Records

#### Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

The ERIS search of the O. Reg. 347 Waste Generators database found the following information regarding the Phase One Property:

• The Phase One Property (i.e., Sobey's Pharmacy) was a registered generator of pharmaceutical and pathological wastes (since December 2018).

The quantities of these waste streams generated at the Phase One Property are unknown; however, based on the nature of operations and types of hazardous wastes generated, it is Pinchin's opinion that the historical hazardous waste generation at the Phase One Property is not considered an environmental concern for the Phase One Property.

A total of 46 other listings within the Phase One Study Area were listed within the database search results as waste generators. Of these waste generators, the following was identified as potential source of impacts to the Phase One Property based on its location and distance relative to the Phase One Property (i.e., within 100 m and inferred to be hydraulically upgradient or transgradient of the Phase One Property), and the types and quantities of hazardous wastes generated:

• 2035 Trim Road (1995-present) – various hazardous wastes including oil skimmings and sludges, light fuels, aliphatic solvents, petroleum distillates and heavy fuels.

Based on a review of Pinchin's in-house MECP Waste Generator database, approximately 91,351 kilograms (kg) of various hazardous wastes (a large portion of which was petroleum-based) were generated at this property between 1995 and 2014. However, this property is located approximately 50 m southeast of the Phase One Property, and operations at this property are located approximately 70 m southeast of the Phase One Property. In addition, this property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between operations at this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

# Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains 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.



The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Phase One Study Area.

# 4.2.1.9 Fuel Storage Tanks

ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the ERIS report in Appendix E.

The ERIS search of the chemical or fuel storage tank databases found no information regarding the Phase One Property.

The ERIS search of the chemical or fuel storage tank databases identified the following other properties within the Phase One Study Area with records of fuel storage tanks:

- 1985 Trim Road; and
- 2035 Trim Road.

The 1985 Trim Road property was listed in the Fuel Storage Tanks database as a retail fuel outlet (RFO), which is equipped with two 50,000-L double-walled fibreglass USTs containing gasoline that were installed in 2007, a 25,000-L double-walled fibreglass UST containing diesel that was installed in 2007, and a 35,000-L double-walled fibreglass UST containing gasoline that was installed in 2007. However, this property is located approximately 60 m north-northeast of the Phase One Property and the USTs are located approximately 70 m north-northeast of the Phase One Property. In addition, this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

The 2035 Trim Road property was listed in the Fuel Storage Tanks and Fuel Storage Tanks Historic databases as being equipped with a 22,700-L single-walled steel UST containing diesel that was installed in 1985, a 9,000-L single-walled steel UST containing gasoline that was installed in 1985, and a 4,540-L single-walled steel UST containing diesel that was installed in 1985. However, this property is located approximately 50 m southeast of the Phase One Property and the USTs are/were located at least 85 m southeast of the Phase One Property. In addition, this property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between these USTs and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.



# 4.2.1.10 Notices and Instruments

ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. ERIS also searched the Record of Site Condition (RSC) database for filed RSCs.

The ERIS database search of the Environmental Registry and RSC database indicated the following for the Phase One Study Area:

- No records were found in the Environmental Registry and RSC database for the Phase One Property; and
- No records were found in the Environmental Registry and RSC database for other properties within the Phase One Study Area, except for the following:
  - An RSC (registration #61717) was filed for the property located approximately 20 m east of the Phase One Property on February 11, 2010, by O'Connor Associates Environmental Inc. A Phase I ESA and a Phase II ESA were completed at this property and based on the results of the Phase II ESA, no soil or groundwater remediation measures were reportedly necessary for the filing of the RSC. As such, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

#### 4.2.1.11 Areas of Natural Significance

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map included in the ERIS report in Appendix G did not identify any areas of natural significance within the Phase One Study Area.

# 4.2.1.12 Landfill Information

ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the ERIS report in Appendix F.

The ERIS search of the landfill and waste disposal sites databases found no information regarding the Phase One Study Area.



# 4.2.2 Ministry of the Environment, Conservation and Parks Freedom of Information Search

The MECP Freedom of Information and Protection of Privacy Office in Toronto, Ontario was contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property.

The search was requested on August 21, 2019. At the time of writing this report, no response had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information. A copy of the MECP response is provided in Appendix F.

# 4.2.3 Property Underwriters' Reports and Plans

Property Underwriters' Reports (PURs) provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on Property Underwriters' Plans (PUPs) includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.

Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. A response was received from Opta, dated August 12, 2019, which indicated that no PURs or PUPs for the Phase One Property were available. The Opta response is provided in Appendix D.

# 4.2.4 City Directories

City directories for the years 1990 to 2011 were reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario. It should be noted that no city directories were available for the City of Ottawa subsequent to 2011. A summary of information obtained with respect to the Phase One Property is provided in the following table:

Years	Occupant Listings for Site Address
1990-2009.	Site not listed.
2010 and 2011.	Sobey's, and CIBC.

Based on Pinchin's review of the above-noted city directories, no PCAs were identified at the Phase One Property.



In general, the city directories indicated that the properties in the Phase One Study Area outside of the Phase One Property have been historically occupied by residential, institutional and commercial land uses since approximately 1995. Based on Pinchin's review of the above-noted city directories, the following PCAs were identified within the Phase One Study Area outside of the Phase One Property:

- Gifty's Tailoring and Dry Cleaning was listed in the city directories at 2010 Trim Road in 2011; however, this operation is located approximately 40 m south of the Phase One Property. In addition, Pinchin's correspondence with an employee at this location indicated that the location is a drop-off depot only, and no dry cleaning has taken place on the premises. Furthermore, this operation was not listed within the ERIS report as a generator of halogenated solvent wastes, a waste typically generated by active dry cleaning operations. Based on the above-noted information, it is Pinchin's opinion that this off-Site operation is unlikely to result in potential subsurface impacts at the Phase One Property; and
- Ultramar Ltd., an RFO, was listed in the city directories at 1985 Trim Road in 2011; however, this property is located approximately 60 m north-northeast of the Phase One Property and the USTs are located approximately 70 m north-northeast of the Phase One Property. In addition, this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

# 4.3 Physical Setting Sources

#### 4.3.1 Aerial Photographs

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. Copies of aerial photographs dated 1955 and 1967 were obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, digital aerial photographs dated 1976, 1991, 2002, 2007, 2011 and 2017 were reviewed on the City of Ottawa e-map website (<u>http://maps.ottawa.ca/geoOttawa/</u>) by Pinchin. The 1955 aerial photograph was the earliest available aerial photograph of the Phase One Study Area.

Efforts were made by Pinchin to obtain aerial photographs that:

 Illustrated the period between initial development of the Phase One Property to the present;



- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.

It should be noted that accurate details could not be determined from the some of the aerial photographs due to the large reference scale and the low resolution of the photographs.

A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1955, 1967 and 1976.	A building of different size, shape, and orientation to either of the present-day Site Buildings was visible along the south boundary of the Phase One Property. The building is inferred to be a barn associated with the farmstead property on the south adjacent property. The remaining portions of the Phase One Property appear to consist of agricultural land.
1991 and 2002.	Similar to 1955, 1967 and 1976; however, the previously-observed building along the south boundary of the Phase One Property was no longer evident.
2007.	A building of similar size, shape, and orientation to Site Building A was evident on the west portion of the Phase One Property. The remaining portions of the Phase One Property appeared to consist of asphalt-paved parking areas, with the exception of the area of present-day Site Building B, which appeared graded and prepared for development.
2011 and 2017.	Similar to 2007; however, present-day Site Building B was evident on-Site, similar to the current configuration.

A summary of information obtained with respect to the surrounding properties within the Phase One Study Area is provided in the following table:

Year of Photograph	North	East	South	West
1955, 1967 and 1976.	Present-day Innes Road followed by a farmstead and agricultural land to beyond 200 m from the Phase One Property.	Present-day Trim Road followed by a farmstead and agricultural land to beyond 200 m from the Phase One Property.	A farmstead, residential dwellings and agricultural land to beyond 200 m from the Phase One Property.	Agricultural land to beyond 200 m from the Phase One Property.



Year of Photograph	North	East	South	West
1991.	Similar to 1955, 1967 and 1976.	Similar to 1955, 1967 and 1976; however, the farmstead was no longer evident and commercial and light industrial buildings and a private fuel outlet (PFO) were evident southeast of the Phase One Property.	Similar to 1955, 1967 and 1976; however, the farmstead was no longer evident.	Similar to 1955, 1967 and 1976.
2002.	Present-day Innes Road followed by residential dwellings and land under development to beyond 200 m from the Phase One Property.	Similar to 1991.		Similar to 1955, 1967, 1976 and 1991; however, an institutional building was evident, similar to the current configuration.
2007.	Similar to 2002.	Similar to 1991 and 2002; however, the PFO was no longer evident.	Land under development followed by residential developments and vacant undeveloped land.	Similar to 2002.
2011 and 2017.	Similar to 2002 and 2007; however, an RFO was evident north-northeast of the Phase One Property.	Similar to 1991, 2002 and 2007.	Similar to 2007; however, commercial buildings were evident, similar to the current configuration.	Similar to 2002 and 2007.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was first developed prior to 1955.

The aerial photograph review identified the following PCAs within the Phase One Study Area:

• A PFO was observed approximately 85 m southeast of the Phase One Property in the 1991 and 2002 aerial photographs. This property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between the PFO and the Phase One Property, as well as the inferred



groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property; and

 An RFO was evident approximately 60 m north-northeast of the Phase One Property in the 2011 and 2017 aerial photographs; however, the USTs are located approximately 70 m north-northeast of the Phase One Property and this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

# 4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, is approximately 89 m above mean sea level (mamsl). The general topography in the local and surrounding area is generally flat. No bedrock outcrops were observed on-Site or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite and/or grit. The topography is considered to be mainly flat to rolling low local relief with dry surface water drainage conditions.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined groundwater beneath the Phase One Property is expected to flow north. The nearest surface water body is Cardinal Creek, located approximately 380 m north of the Phase One Property at an elevation of approximately 89 mamsl. The nearest major water body is the Ottawa River, located approximately 3.9 km north-northwest of the Phase One Property at an elevation of approximately 45 mamsl.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix G.

#### 4.3.3 Fill Materials

No evidence of fill material, disturbed soil or buried debris was observed at the Phase One Property during the Site reconnaissance.



#### 4.3.4 Water Bodies and Areas of Natural Significance

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area.

A review of the Area of Natural & Scientific Interest map prepared by ERIS (see Appendix G) did not identify any parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

#### 4.3.5 Well Records

A search of the Water Well Information System database by ERIS identified one water well record for the Phase One Property and eight water well records within 75 m of the Phase One Property. A summary of pertinent information obtained with respect to the wells is provided in the following table:

MECP Well ID (ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
1512782 (WWIS-1)	Formerly located on the Phase One Property (exact location not specified).	Blue clay (0-40.00 mbgs) Grey limestone (40.00-47.33 mbgs)	Not encountered (~40.00 mbgs)	~47.33 mbgs
7221022 (WWIS-2)	Approximately 45 m east of the Phase One Property	Brown topsoil (0- 0.31 mbgs) Brown clay with sand (0.31-1.22 mbgs) Gray clay with silt (1.22-4.57 mbgs)	Not encountered (>4.57 mbgs)	Not indicated
7123332 (WWIS-3)	Approximately 60 m east of the Phase One Property	Brown clayey silt (0- 0.50 mbgs) Silty clay (0.50-6.10 mbgs)	Not encountered (>6.10 mbgs)	Not indicated
7143199 (WWIS-4)	Approximately 65 m northeast of the Phase One Property	Not indicated	Not indicated	Not indicated
7132442 (WWIS-5)	Approximately 65 m northeast of the Phase One Property	Brown silt with clay (0-0.50 mbgs) Green silty clay (0.50-6.10 mbgs)	Not encountered (>6.10 mbgs)	Not indicated



MECP Well ID (ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
7221029 (WWIS-6)	Approximately 65 m east of the Phase One Property	Grey gravel (0-0.31 mbgs) Grey clay (0.31-4.57 mbgs)	Not encountered (>4.57 mbgs)	Not indicated
7200448 (WWIS-7)	Approximately 70 m north-northeast of the Phase One Property	Brown gravel with sand (0-1.22 mbgs) Grey clay (1.22-5.49 mbgs)	Not encountered (>5.49 mbgs)	Not indicated
7221028 (WWIS-8)	Approximately 70 m north-northeast of the Phase One Property	Grey gravel (0-0.31 mbgs) Grey clay (0.31-4.57 mbgs)	Not encountered (>4.57 mbgs)	Not indicated
7221028 (WWIS-9)	Approximately 70 m north-northeast of the Phase One Property	Grey gravel (0-0.31 mbgs) Grey clay (0.31-4.57 mbgs)	Not encountered (>4.57 mbgs)	Not indicated

The ERIS report search results indicated that the well identified within the Phase One Study Area was installed for domestic water supply. The margin of error associated with the UTM coordinates was not specified.

The Water Well Information System database search results are provided in the ERIS report in Appendix E.

# 4.4 Site Operating Records

The Phase One Property is not an enhanced investigation property (see Section 6.3). As such, site operating records were not reviewed as part of the Phase One ESA.



# 5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individuals provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Ms. Cindy Lacireno	Property Manager at the Phase One Property for approximately 1.5 years	August 15, 2019 (Phase One Property)	In-person interview during Site reconnaissance.
Mr. Rick Mayes	maintenance personnel the Phase One Property for approximately 3 years	August 15, 2019 (Phase One Property)	In-person interview during Site reconnaissance.

Ms. Lacireno and Mr. Mayes were chosen to be interviewed given that they are familiar with the recent operational history of the Phase One Property. These individuals are referred to herein as the "Site Representatives", and accompanied the Pinchin representative (Mr. Kurt Frommann) during the Site reconnaissance.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. The information provided by the interviewees was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individuals interviewed for the Phase One ESA.

# 6.0 SITE RECONNAISSANCE

# 6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on August 15, 2019 by a Pinchin representative (i.e., Mr. Kurt Frommann), under the direct supervision of Pinchin's QP overseeing this project. Mr. Frommann is an Environmental Project Manager with more than seven years of environmental consulting experience.



Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.

The Site reconnaissance was conducted between the hours of 10:30 AM and 1:00 PM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately 19° Celsius with a slight breeze from the east. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the property. There were no access restrictions for Pinchin for the Phase One Property, with the exception of the rooftops which could not be accessed at the time of the Site reconnaissance, as well as office portions of Site Building B (occupied by CIBC) for privacy reasons. At the time of the Site reconnaissance, Site Building A was occupied by Sobey's (i.e., grocery store) and the LCBO (i.e., beverage retailer), and Site Building B was occupied by CIBC (i.e., a financial institution).

Photographs taken during the Site reconnaissance that illustrate the interior and exterior of the Site Building, Phase One Property and Phase One Study Area are provided in Appendix B.

# 6.2 Specific Observations at Phase One Property

# 6.2.1 Description of Buildings and Structures

During the Site reconnaissance, Pinchin observed two buildings/structures on the Phase One Property. Site Building A is a single-storey multi-tenant commercial building occupied by Sobey's (i.e., grocery store) and the LCBO (i.e., beverage retailer). Site Building A was constructed in approximately 2006. Site Building B is a single-storey commercial building occupied by CIBC (i.e., financial institution). Site Building B was constructed in approximately 2009.

The portion of the Phase One Property outside of the Site Building was comprised primarily of a paved parking lot, with grassed/landscaped areas near the perimeter of the Phase One Property.

# 6.2.2 Description of Below-Ground Structures

There were no below-ground structures present on the Phase One Property at the time of the Site reconnaissance.

# 6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.



#### 6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources on the Phase One Property. The Phase One Property is serviced by a municipal water supply via underground piping.

#### 6.2.5 Description and Location of Underground Utilities

A number of underground utilities were observed on the Phase One Property, including natural gas, telephone and electrical lines, and municipal water, storm and sanitary sewer lines.

The natural gas, telephone, electrical, water and sanitary sewer services enter the Site Buildings via underground lines running from the adjacent roadways into the Site Buildings. Stormwater that doesn't naturally percolate through the soil is captured via catch basins in the parking lots located throughout the Site and directed via underground piping to the municipal storm sewer system.

#### 6.2.6 Entry and Exit Points

The main man-door entry/exit point for customers of Site Building A is located along the east elevation of Site Building A, and the main man-door entry/exit point for customers of Site Building B is located along the north elevation of Site Building B.

#### 6.2.7 Details of Heating System

During the Site reconnaissance, Pinchin observed natural gas-fired rooftop heating/ventilation/airconditioning (HVAC) units that service each Site Building.

#### 6.2.8 Details of Cooling System

Cooling for the Site Buildings is provided by roof-mounted natural gas-fired HVAC units.

#### 6.2.9 Details of Drains, Pits and Sumps

No pits or sumps were observed at the Phase One Property.

#### 6.2.10 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property. Small volumes of various cleaning solutions were stored in their original containers on shelves within the Site Buildings. No bulk liquid storage was observed on-Site.

#### 6.2.11 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin did not observe any areas of staining or corrosion inside the Site Building.



# 6.2.12 Details of On-Site Wells

No water supply or groundwater monitoring wells were observed to be on or within the Phase One Property. The Site Representatives were not aware of any water supply or groundwater monitoring wells that were previously located on-Site.

#### 6.2.13 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property, with the exception of main sanitary sewer pipes that exit the Site Buildings and connect to the municipal sewer system under the adjacent roadways.

#### 6.2.14 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Any areas of the Phase One Property not covered by a structure are covered by asphalt-pavement, with grassed/landscaped areas present along the perimeter of the Phase One Property.

#### 6.2.15 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

#### 6.2.16 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property, with the exception of the following:

• Dark (likely mineral oil) staining was observed in the vicinity of the pad-mounted oilcooled transformer located adjacent to the north elevation of Site Building A. The staining appeared to be surficial, and this transformer/staining was addressed as part of the 2019 Hemmera Remedial Excavation Report. Based on the results of this report (refer to Section 4.1.4), it is Pinchin's opinion that this potential environmental concern has been addressed.

#### 6.2.17 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property. Significant quantities of vegetation were not observed on-Site.



#### 6.2.18 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property; however, regrading and minor fill placement at the Phase One Property may have previously occurred during initial development activities to prepare the location of the Site Buildings, parking areas and access to the Phase One Property, and to establish drainage patterns. The quality of the fill material used on-Site is unknown.

#### 6.2.19 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as a "use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area" including the Phase One Property.

The following PCA was observed on the Phase One Property during the Site reconnaissance:

Item 55 – Transformer Manufacturing, Processing or Use (three on-Site pad-mounted oil-cooled transformers). No staining was observed in the vicinity of the transformers located on the east portion of the Phase One Property and as such, it is Pinchin's opinion that these transformers are unlikely to result in potential subsurface impacts at the Phase One Property. Dark (likely mineral oil) staining was observed in the vicinity of the pad-mounted oil-cooled transformer located adjacent to the north elevation of Site Building A; however, this transformer/staining was addressed as part of the 2019 Hemmera Remedial Excavation Report. Based on the results of this report (refer to Section 4.1.4), it is Pinchin's opinion that this potential environmental concern has been addressed.

Details regarding this PCA (e.g., location, potential contaminants of concern, and rationale for inclusion) are provided in the above relevant sections of this report, and are further summarized in Section 7.2.

6.2.20 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.

# 6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an "enhanced investigation property" as a property that is being used or has been used, in whole or in part, in the following manner:

• For an industrial use; or



Phase One Environmental Site Assessment 5150 Innes Road, Ottawa, Ontario Crombie REIT

- For any of the following commercial uses:
  - As a garage;
  - As a bulk liquid dispensing facility, including a gasoline outlet; or
  - For the operation of dry cleaning equipment.

The findings of this Phase One ESA have not documented any of the above land uses as occurring at the Phase One Property, and the Phase One Property is therefore not an enhanced investigation property.

# 6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

#### 6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including an ERIS regulatory search, information obtained through MECP FOI and TSSA requests, city directories, aerial photographs and well records;
- A Site reconnaissance completed on August 15, 2019, by Mr. Kurt Frommann of Pinchin that included an assessment of structures at the Phase One Property and the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCA:

РСА	PCA Item No.	Description of PCA	Location of PCA
PCA #1	Item 55 - Transformer Manufacturing, Processing and Use	Three on-Site pad- mounted oil-cooled transformers	Adjacent to the north elevation of Site Building A, and along the east boundary of the Phase One Property



No staining was observed in the vicinity of the transformers located on the east portion of the Phase One Property and as such, it is Pinchin's opinion that these transformers are unlikely to result in potential subsurface impacts at the Phase One Property. Dark (likely mineral oil) staining was observed in the vicinity of the pad-mounted oil-cooled transformer located adjacent to the north elevation of Site Building A. The staining appeared to be surficial, and this transformer/staining was addressed as part of the 2019 Hemmera Remedial Excavation Report. Based on the results of this report (refer to Section 4.1.4), it is Pinchin's opinion that this potential environmental concern has been addressed.

No areas of natural significance were identified at the Phase One Property.

6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including (but not limited to) an ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Study Area outside of the Phase One Property identified the following PCAs:

PCA	PCA Item No.	Description of PCA	Location of PCA
PCA #2	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Ultramar RFO located at 1985 Trim Road	1985 Trim Road, approximately 60 m north-northeast and hydraulically downgradient of the Phase One Property
PCA #3	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	PFO located at 2035 Trim Road	2035 Trim Road, approximately 85 m southeast and hydraulically transgradient of the Phase One Property



# PCA#2

Ultramar Ltd., an RFO, has been located at 1985 Trim Road since approximately 2008; however, this property is located approximately 60 m north-northeast of the Phase One Property and the USTs are located approximately 70 m north-northeast of the Phase One Property. In addition, this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

# PCA#3

A PFO was observed approximately 85 m southeast of the Phase One Property in the 1991 and 2002 aerial photographs. In addition, the Fuel Storage Tanks and Fuel Storage Tanks Historic databases within the ERIS report indicated that this property was equipped with a 22,700-L single-walled steel UST containing diesel that was installed in 1985, a 9,000-L single-walled steel UST containing gasoline that was installed in 1985, a 9,000-L single-walled steel UST containing diesel that was installed in 1985. This property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between the PFO and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.

Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

A plan identifying the locations of the PCAs is provided as Figure 3.



#### 7.0 REVIEW AND EVALUATION OF INFORMATION

#### 7.1 Current and Past Uses

The following table is a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, city directories, etc.
Prior to 1955	Assumed Crown, and unknown	Assumed vacant and/or agricultural	Agricultural or vacant (unused)	The 1955 aerial photograph was the earliest aerial photograph available for review, which depicted the Phase One Property to consist of agricultural land with a barn located along the south boundary. In addition, the Site Representatives indicated that they were not aware of any prior development at the Phase One Property.
1955 until sometime between 1976 and 1991	Unknown	Assumed vacant and/or agricultural	Agricultural or vacant (unused)	The 1967 and 1976 aerial photographs depicted the Phase One Property to be similar in configuration to the 1955 aerial photograph. In the 1991 aerial photograph, the barn was no longer evident along the south boundary of the Phase One Property.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, city directories, etc.
1991 – 2007.	Unknown	Vacant undeveloped land	Vacant undeveloped land	The 1991, 2002 and 2007 aerial photographs depicted the Phase One Property as vacant undeveloped land. In addition, the Phase One Property was not listed within the city directories during these years.
2008.	Unknown.	Commercial, retail, and vacant undeveloped land	Commercial, retail, and vacant undeveloped land	Site Building A was reportedly constructed in 2008, and the address for the Phase One Property was listed within the 2010 city directories reviewed by Pinchin.
2009- present.	Unknown, and Crombie REIT	Commercial, retail	Commercial, retail	Similar to 2008; however, Site Building B was evident on-Site in the 2011 aerial photograph, and the Site Representatives indicated that Site Building B was constructed in approximately 2009.

To the best of Pinchin's knowledge, the Phase One Property was developed prior to 1955 with a barn building located along the south boundary, which was associated with the farmstead located adjacent to the south elevation of the Phase One Property. This barn remained present until sometime between 1976 and 1991, when the barn was demolished and the Phase One Property consisted of vacant undeveloped land, until the construction of Site Building A in approximately 2006. Site Building A has always been occupied by Sobey's (i.e., grocery store) and the LCBO (i.e., beverage retailer). Site Building B was constructed in approximately 2009 and has always been occupied by CIBC (i.e., financial institution).

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is prior to 1955, with the construction of a barn building along the south boundary of the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial



photographs. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

# 7.2 Potentially Contaminating Activities

The following PCA as defined by O. Reg. 153/04 was documented by Pinchin to have occurred at the Phase One Property:

РСА	PCA Item No.	Description of PCA	Location of PCA
PCA #1	Item 55 - Transformer Manufacturing, Processing and Use	Three on-Site pad- mounted oil-cooled transformers	Adjacent to the north elevation of Site Building A, and along the east boundary of the Phase One Property

No staining was observed in the vicinity of the transformers located on the east portion of the Phase One Property and as such, it is Pinchin's opinion that these transformers are unlikely to result in potential subsurface impacts at the Phase One Property. Dark (likely mineral oil) staining was observed in the vicinity of the pad-mounted oil-cooled transformer located adjacent to the north elevation of Site Building A. The staining appeared to be surficial, and this transformer/staining was addressed as part of the 2019 Hemmera Remedial Excavation Report. Based on the results of this report (refer to Section 4.1.4), it is Pinchin's opinion that this potential environmental concern has been addressed.

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred within the Phase One Study Area outside of the Phase One Property:

PCA	PCA Item No.	Description of PCA	Location of PCA
PCA #2	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	Ultramar RFO located at 1985 Trim Road	1985 Trim Road, approximately 60 m north-northeast and hydraulically downgradient of the Phase One Property
PCA #3	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	PFO located at 2035 Trim Road	2035 Trim Road, approximately 85 m southeast and hydraulically transgradient of the Phase One Property

# PCA#2

Ultramar Ltd., an RFO, has been located at 1985 Trim Road since approximately 2008; however, this property is located approximately 60 m north-northeast of the Phase One Property and the USTs are located approximately 70 m north-northeast of the Phase One Property. In addition, this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the



inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

# PCA#3

A PFO was observed approximately 85 m southeast of the Phase One Property in the 1991 and 2002 aerial photographs. In addition, the Fuel Storage Tanks and Fuel Storage Tanks Historic databases within the ERIS report indicated that this property was equipped with a 22,700-L single-walled steel UST containing diesel that was installed in 1985, a 9,000-L single-walled steel UST containing gasoline that was installed in 1985, a 9,000-L single-walled steel UST containing diesel that was installed in 1985. This property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between the PFO and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

Additional PCAs were identified within the Phase One Study Area outside of the Phase One Property but these are not considered to represent an environmental concern for the Phase One Property due to the distance from the Phase One Property and/or the downgradient/transgradient location of the PCAs relative to the Phase One Property.

# 7.3 Areas of Potential Environmental Concern

No APECs were identified at the Phase One Property and within the Phase One Study Area.

#### 7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through 3, which illustrate the following features within the Phase One Study Area, where present:

- 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 within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;
- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.



The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is an irregular-shaped parcel of land approximately 6.61 acres (2.67 hectares) in size, located at the southwest corner of the intersection of Innes Road and Trim Road in the City of Ottawa. The Phase One Property is currently developed with a single-storey multi-tenant commercial building (Site Building A) and a single-storey commercial building (Site Building B). Site Building A was constructed in approximately 2006, and Site Building B was constructed in approximately 2009. Prior to the construction of the Site Buildings, the Phase One Property consisted of a barn and vacant undeveloped/agricultural land since prior to 1955, until sometime between 1976 and 1991, when the barn was demolished and the Phase One Property consisted of vacant undeveloped land. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an enhanced investigation property;
- No water bodies were identified within the Phase One Study Area. The nearest surface water body is Cardinal Creek, located approximately 380 m north of the Phase One Property at an elevation of approximately 89 mamsl;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells are located on the Phase One Property;
- The adjacent and surrounding properties consist of vacant, residential, commercial and light industrial land uses. The properties located north of the Phase One Property consist of Innes Road followed by land under development, residential dwellings and commercial buildings to beyond 200 m from the Phase One Property; the properties located east of the Phase One Property consist of Trim Road followed by vacant undeveloped land and light industrial buildings to beyond 200 m from the Phase One Property; the properties located east of the Phase One Property consist of Trim Road followed by vacant undeveloped land and light industrial buildings to beyond 200 m from the Phase One Property; the properties located south of the Phase One Property consist of multi-tenant commercial buildings followed by residential dwellings and vacant undeveloped land to beyond 200 m from the Phase One Property; and the properties located west of the Phase One Property consist of vacant undeveloped land and an institutional building (i.e., a school) to beyond 200 m from the Phase One Property;



- A total of four PCAs were identified within the Phase One Study Area, consisting of one PCA at the Phase One Property and three PCAs within the Phase One study, outside of the Phase One Property. The PCAs are described below:
  - PCA #1
    - Item 55 Transformer Manufacturing, Processing and Use (Three on-Site pad-mounted oil-cooled transformers located adjacent to the north elevation of Site Building A, and along the east boundary of the Phase One Property). No staining was observed in the vicinity of the transformers located on the east portion of the Phase One Property and as such, it is Pinchin's opinion that these transformers are unlikely to result in potential subsurface impacts at the Phase One Property. Dark (likely mineral oil) staining was observed in the vicinity of the pad-mounted oil-cooled transformer located adjacent to the north elevation of Site Building A. The staining appeared to be surficial, and this transformer/staining was addressed as part of the 2019 Hemmera Remedial Excavation Report. Based on the results of this report (refer to Section 4.1.4), it is Pinchin's opinion that this potential environmental concern has been addressed.
    - PCA #2
      - Item 28 Gasoline and Associated Products Storage in Fixed Tanks (Ultramar RFO located at 1985 Trim Road). Ultramar Ltd., an RFO, has been located at 1985 Trim Road since approximately 2008; however, this property is located approximately 60 m north-northeast of the Phase One Property and the USTs are located approximately 70 m north-northeast of the Phase One Property. In addition, this property is situated hydraulically downgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between this property and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.
    - PCA #3
      - Item 28 Gasoline and Associated Products Storage in Fixed Tanks (PFO located at 2035 Trim Road). A PFO was observed approximately 85 m southeast of the Phase One Property in the 1991 and 2002 aerial photographs. In addition, the Fuel Storage Tanks and Fuel Storage Tanks

Historic databases within the ERIS report indicated that this property was equipped with a 22,700-L single-walled steel UST containing diesel that was installed in 1985, a 9,000-L single-walled steel UST containing gasoline that was installed in 1985, and a 4,540-L single-walled steel UST containing diesel that was installed in 1985. This property is situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property. Based on the distance between the PFO and the Phase One Property, as well as the inferred groundwater flow direction, it is Pinchin's opinion that this property is unlikely to result in potential subsurface impacts at the Phase One Property.

- PCA #4
  - Item 55 Transformer Manufacturing, Processing and Use (various pad and pole-mounted oil-cooled transformers located off-Site within the Phase One Study Area). These transformers are not considered to represent an environmental concern for the Phase One Property due to the distance from the Phase One Property, the observations made during Pinchin's Site reconnaissance and/or the hydraulic downgradient/transgradient location of these transformers relative to the Phase One Property.
- Underground utilities at the Phase One Property provide potable water, natural gas, electrical, telephone, cable and sewer services to the Site Buildings. These services enter the Site Buildings through subsurface conduits, with the exception of a pressurized natural gas line runs overland and connects to meters located along the exterior elevations of the Site Buildings. Storm sewer catch basins located in the parking lot areas connect to the municipal storm sewer line beneath the adjacent roadways. Plans were not available to confirm the depths of these utilities but they are estimated to be located approximately 2 to 3 mbgs. AS indicated within the former well record for the Phase One Property, the known depth to groundwater at the Phase One Property is approximately 47.66 mbgs and as such, the utility corridors are expected to be well above the water table and would not act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property;



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- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite and/or grit; and
- The Phase One Property is relatively flat with little relief. Local groundwater flow is inferred to be to the north, based on the locations of Cardinal Creek and the Ottawa River. Regional groundwater flow is inferred to be to the north towards the Ottawa River.

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

# 8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property for the purpose of filing a Site Plan Approval with the City of Ottawa.

Based on the findings of this Phase One ESA, Pinchin identified three PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site, PCAs #2, #3 and #4). These PCAs are not considered to result in APECs at the Phase One Property given the distances between these PCAs and the Phase One Property, the inferred groundwater flow direction, and/or the observations made during Pinchin's Site reconnaissance. The on-Site PCA (PCA #1, the three on-Site pad-mounted oil-cooled transformers) are not considered to represent an APEC at the Phase One Property given the observations made during Pinchin's Site reconnaissance and the results of previous subsurface environmental work completed at the Phase One Property. As such, it is Pinchin's opinion that the Phase One Property is suitable for the filing of a Site Plan Approval application with the City of Ottawa based only on the completion of this Phase One ESA report.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Furthermore, specific references are also summarized in Section 9.0.

# 8.1 Signatures

This Phase One ESA was undertaken under the supervision of Scott Mather, P.Eng., QP<sub>ESA</sub> in accordance with the requirements of O. Reg. 153/04 to support the filing of a Site Plan Approval application with the City of Ottawa for the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions



observed on August 15, 2019, and a review of available historical information and information obtained from interviews.

This report has been issued without having received a response to a request for information from the MECP. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from the regulatory agency.

We trust that the information provided in this report meets your current requirements.

# 8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 5150 Innes Road, Ottawa, Ontario (Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of Crombie REIT (Client) subject to the terms, conditions and limitations contained within the duly authorized work plan for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.



Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.

# 9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

- Ms. Cindy Lacireno, Property Manager at the Phase One Property for approximately 1.5 years, and Mr. Rick Mayes, maintenance personnel at the Phase One Property for approximately 3 years (Site Representatives).
- EcoLog ERIS report entitled "5150 Innes Road, Ottawa, Ontario", and dated August 8, 2019 (ERIS Project # 20190802189).
- Opta Information Intelligence "5150 Innes Road, Ottawa, ON", and dated August 12, 2019 (Opta Order ID: 64241).
- The Atlas of Canada Surficial Materials:
   <u>http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1</u>
- The Atlas of Canada Bedrock Geology:
   <u>http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l
   =6&r=4&c=12.
  </u>
- Toporama Topographic Maps:

http://atlas.gc.ca/site/english/maps/topo/map.

- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 333/13 on December 13, 2013.
- Canadian Standards Association (CSA) Standard. CSA Z768-01, Phase I Environmental Site Assessment, Canadian Standards Association International, November 2001, reaffirmed in 2016.
- National Air Photo Library, Ottawa, Ontario.



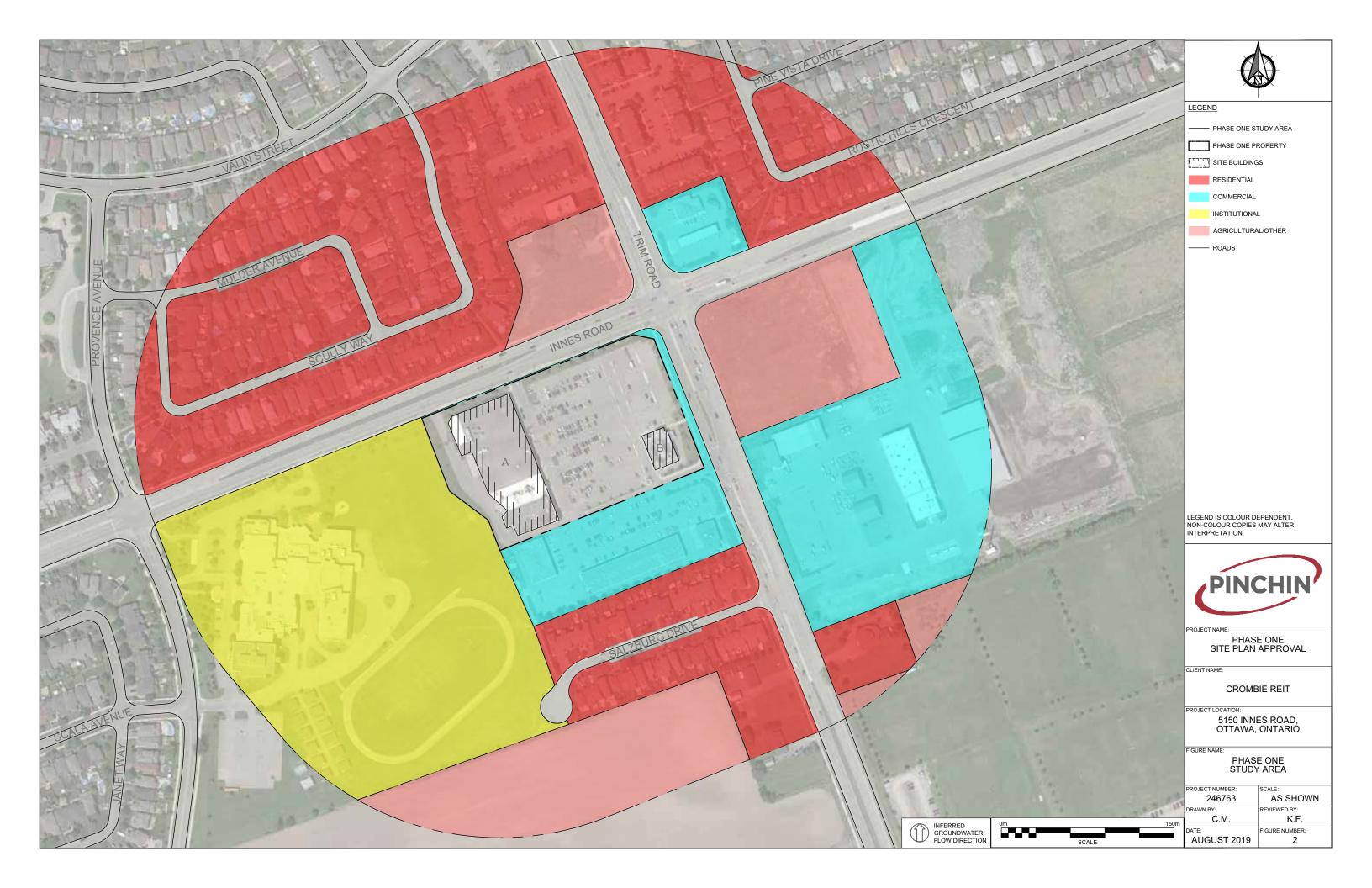
- Library and Archives of Canada, Ottawa, Ontario.
- Technical Standards & Safety Authority.
- The City of Ottawa.
- Ministry of the Environment, Conservation and Parks.
- MECP Brownfields Environmental Site Registry.
- Google Earth<sup>™</sup> Satellite Imagery.
- Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario.* April 1987.
- Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario.* November 1988.

246763 Phase One ESA 5150 Innes Road Ottawa ON Crombie Template: Master Report for RSC Phase One ESA Report, EDR, June 6, 2019

10.0 APPENDICES

APPENDIX A Figures







	LEGEND	1	
	PHASE ONE S	TUDY AREA	
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150m	DATE:	FIGURE NUMBER:	
SCALE	AUGUST 2019	3	

APPENDIX B Photographs





Photo 1 – East elevation of Site Building A.



Photo 2 – West elevation of Site Building A.





Photo 3 – North elevation of Site Building B.



Photo 4 – West elevation of Site Building B.





Photo 5 – Proposed location of future on-Site building.



Photo 6 - Pad-mounted oil-cooled transformer located on the northwest portion of the Phase One Property (PCA #1).



Phase One Environmental Site Assessment Crombie REIT Photographs August 28, 2019 Pinchin File: 246763 Appendix B



Photo 7 – Dark staining observed in the vicinity of the above-noted pad-mounted oil-cooled transformer depicted in Photo 6. It should be noted that this was addressed as part of the 2019 Hemmera Remedial Excavation Report.



Photo 8 – Properties located north of the Phase One Property.





Photo 9 - RFO located northeast of the Phase One Property (PCA #2).



Photo 10 – Properties located east of the Phase One Property.





Photo 11 - Property located southeast of the Phase One Property, where the PFO was formerly located (PCA #3).



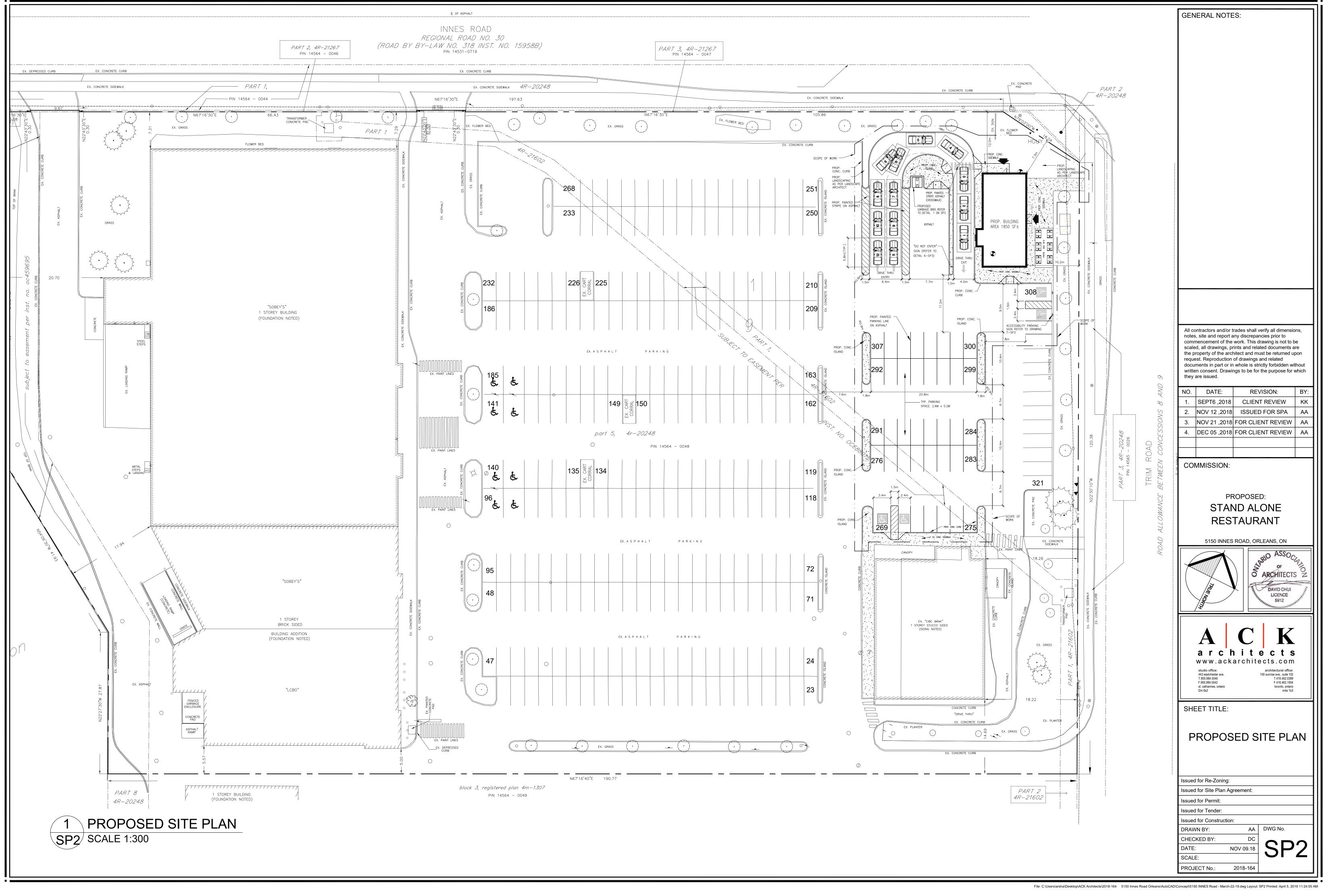
Photo 12 – Properties located south of the Phase One Property.



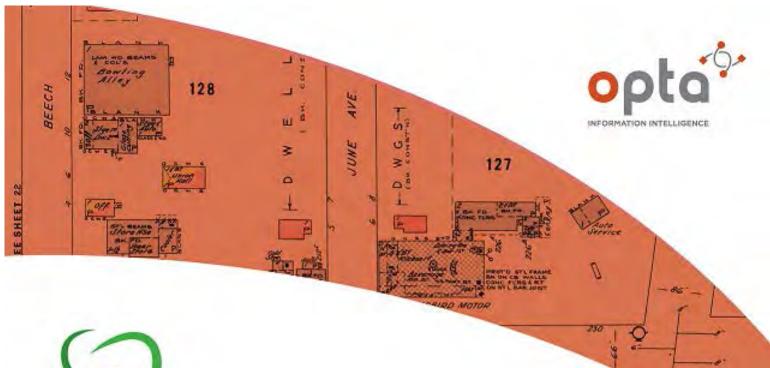


Photo 13 - Properties located west of the Phase One Property.

APPENDIX C Survey Plan



APPENDIX D Opta Records



# enviroscan



## An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T: 905-882-6300 W: www.optaintel.ca

Report Completed By:

Stephanie

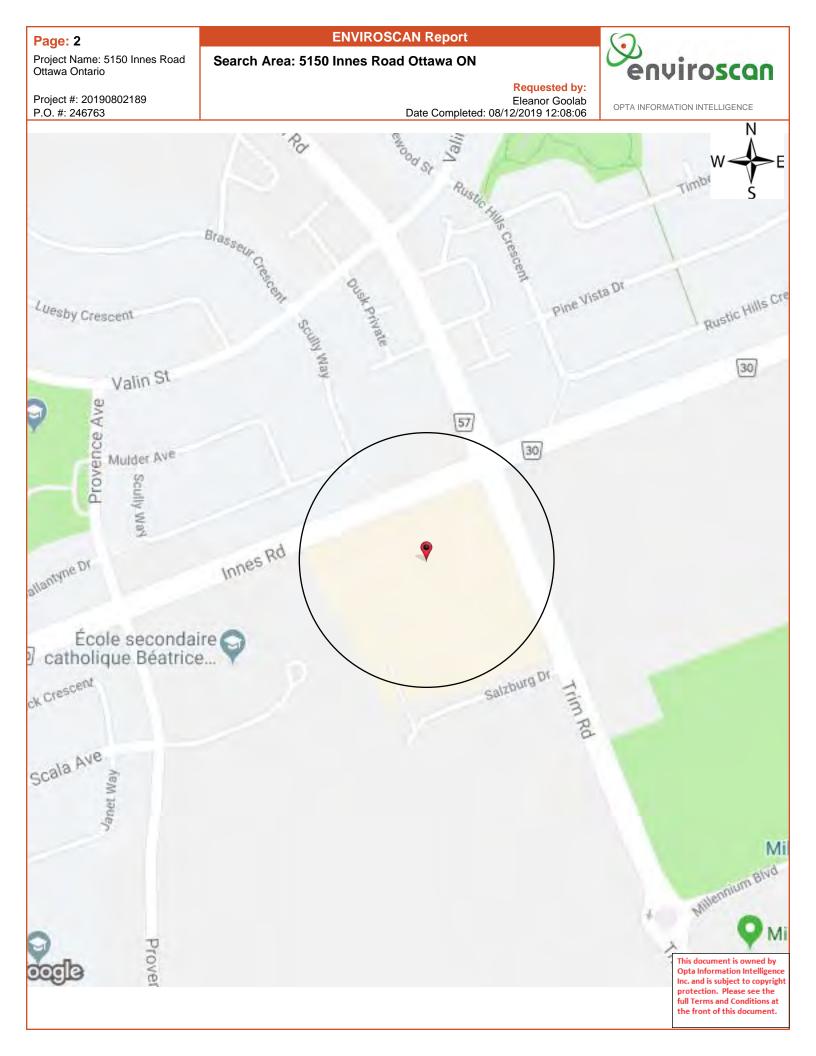
### Site Address:

5150 Innes Road Ottawa ON Project No:

20190802189 Opta Order ID: Requested by: Eleanor Goolab ERIS

Date Completed: 8/12/2019 12:08:06 PM

64241



**ENVIROSCAN Report** 

Opta Historical Environmental Services Enviroscan Terms and Conditions Requested by:



**OPTA INFORMATION INTELLIGENCE** 

Project #: 20190802189 P.O. #: 246763

Eleanor Goolab Date Completed: 08/12/2019 12:08:06

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

#### Report

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

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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.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

**T:** 905.882.6300

Toll Free: 905.882.6300

F: 905.882.6300

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Page: 4 Project Name: 5150 Innes Road Ottawa Ontario ENVIROSCAN Report

**No Records Found** 

Project #: 20190802189 P.O. #: 246763 Requested by: Eleanor Goolab Date Completed: 08/12/2019 12:08:06 9. enviroscan

OPTA INFORMATION INTELLIGENCE

No Records Found

APPENDIX E ERIS Report



**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: 5150 Innes Road Ottawa Ontario 5150 Innes Road Ottawa Ontario Orléans ON K4A 3N4 246763 RSC Report (Urban) 20190802189 Pinchin Ltd. August 8, 2019

Environmental Risk Information Services A division of Glacier Media Inc. 1.866.517.5204 | info@erisinfo.com | erisinfo.com



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# **Executive Summary**

#### Property Information:

**Project Property:** 

**Project No:** 

5150 Innes Road Ottawa Ontario 5150 Innes Road Ottawa Ontario Orléans ON K4A 3N4

246763

## Order Information:

Order No: Date Requested: Requested by: Report Type: 20190802189 August 2, 2019 Pinchin Ltd. RSC Report (Urban)

#### Historical/Products:

Insurance Products Topographic Map Fire Insurance Maps/Inspection Reports/Site Plans RSC Maps

# Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	1	2
CA	Certificates of Approval	Y	0	7	7
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	5	5
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	6	7
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	7	7
FSTH	Fuel Storage Tank - Historic	Y	0	3	3
GEN	Ontario Regulation 347 Waste Generators Summary	Y	2	46	48
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	6	6
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	31	32
	-	Total:	5	116	121

## Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	GEN	Sobeys Pharmacy	5150 Innes Rd Orleans ON K4A0G4	-/0.0	0.00	<u>33</u>
<u>1</u>	GEN	Sobeys Pharmacy	5150 Innes Rd Orleans ON K4A0G4	-/0.0	0.00	<u>33</u>
<u>2</u>	WWIS		lot 1 con 9 ON <b>Well ID:</b> 1512782	-/0.0	0.00	<u>33</u>
<u>3</u>	EHS		5150 Innes Road Ottawa ON K4A 0G4	-/0.0	0.69	<u>36</u>
<u>4</u>	BORE		ON	-/0.0	0.69	<u>36</u>

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
5	CA	6095186 Canada Inc.	Innes Road and Trim Road, Part A and Lot 1, Concession 8, Ward 1 Ottawa ON	NE/20.8	0.00	<u>37</u>
<u>5</u>	EHS		N/E Corner of intersection of Trim Rd & Innes Rd Ottawa ON	NE/20.8	0.00	<u>38</u>
<u>5</u>	SPL	LAIDLAW TRANSIT	INTERSECTION OF TRIM AND INNES, INNES AND PROVENCE, BEATRICE DES LOGE SCHOOL OTTAWA CITY ON	NE/20.8	0.00	<u>38</u>
<u>6</u>	SPL	City of Ottawa	Innes Rd @ Trim Rd Ottawa ON	NNE/21.3	0.00	<u>38</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON	SSE/39.8	1.00	<u>39</u>
Ž	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>39</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>40</u>
Z	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>40</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>40</u>
<u>7</u>	GEN	Faltas & Marks Medicine Prof Corp	2010 Trim Road, Unit 7 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>41</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>41</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>41</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>42</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>42</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>42</u>
<u>Z</u>	GEN	Trim Road Veterinary Professional Corporation	2010 Trim Rd Ottawa ON K4A 0G4	SSE/39.8	1.00	<u>43</u>
<u>7</u>	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	<u>43</u>
<u>8</u>	EHS		Trim Rd Innes Rd Ottawa ON	NNE/40.7	0.00	<u>43</u>
<u>9</u>	WWIS		Ottawa ON <b>Well ID:</b> 7221022	E/47.2	1.00	<u>44</u>
<u>10</u>	EHS		Trim Road Orleans ON	NE/59.3	0.00	<u>46</u>
<u>11</u>	WWIS		ON <i>Well ID:</i> 7123332	E/59.7	1.00	<u>47</u>
<u>12</u>	WWIS		Ottawa ON <i>Well ID:</i> 7143199	NE/63.4	0.00	<u>54</u>
<u>13</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7132442	NE/66.6	0.00	<u>55</u>
<u>14</u>	SPL		Ottawa ON	ESE/66.9	1.00	<u>58</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>15</u>	WWIS		ON <b>Well ID:</b> 7221029	E/67.2	1.00	<u>58</u>
<u>16</u>	WWIS		OTTAWA ON <i>Well ID:</i> 7200448	NNE/69.8	0.00	<u>60</u>
<u>17</u>	WWIS		ON <i>Well ID:</i> 7221028	E/70.7	1.00	<u>63</u>
<u>18</u>	RSC	Imperial Oil Limited	No municpal address. ON	ENE/78.9	0.00	<u>66</u>
<u>19</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7200449	NNE/83.1	-1.00	<u>66</u>
<u>20</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7200446	NNE/85.7	-1.00	<u>69</u>
<u>21</u>	WWIS		ON <b>Well ID:</b> 7176825	ESE/88.5	1.00	<u>72</u>
<u>22</u>	WWIS		Ottawa ON <i>Well ID:</i> 7181202	ESE/94.1	1.00	<u>72</u>
<u>23</u>	EASR	RIVERSTONE (TRIM ROAD) LIMITED PARTNERSHIP	1980 Trim Road Ottawa ON K4A 4S7	N/94.3	-0.67	<u>75</u>
<u>24</u>	CA	Ultramar Ltee/Ultramar Ltd.	1985 Trim Rd Ottawa ON K4A 4R7	NNE/95.5	-1.00	<u>75</u>
<u>24</u>	ECA	Ultramar Ltee/Ultramar Ltd.	1985 Trim Rd Ottawa ON H3A 3L3	NNE/95.5	-1.00	<u>75</u>
<u>24</u>	EHS		1985 Trim Road Orleans ON K4A 4R7	NNE/95.5	-1.00	<u>76</u>
<u>24</u>	FST	CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	NNE/95.5	-1.00	<u>76</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>24</u>	FST	CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	NNE/95.5	-1.00	<u>76</u>
<u>24</u>	FST	CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	NNE/95.5	-1.00	<u>76</u>
<u>24</u>	FST	CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	NNE/95.5	-1.00	<u>77</u>
<u>24</u>	FSTH	ULTRAMAR LTEE ATT JOSEE TREMBLAY	1985 TRIM RD OTTAWA ON K4A 4R7	NNE/95.5	-1.00	<u>77</u>
<u>25</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7226784	E/96.5	1.00	<u>78</u>
<u>26</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7226781	ESE/98.3	1.00	<u>79</u>
27	WWIS		OTTAWA ON <b>Well ID:</b> 7200447	NNE/98.5	-1.00	<u>81</u>
<u>28</u>	WWIS		lot 1 con 8 CUMBERLAND ON <i>Well ID:</i> 7275787	E/100.3	1.00	<u>84</u>
<u>29</u>	WWIS		OTTAWA ON <b>Well ID:</b> 1536313	NNE/102.2	-1.00	<u>86</u>
<u>29</u>	WWIS		OTTAWA ON <b>Well ID:</b> 1536398	NNE/102.2	-1.00	<u>88</u>
<u>30</u>	WWIS		Ottawa ON <i>Well ID:</i> 7181203	ESE/103.0	1.00	<u>90</u>
<u>31</u>	WWIS		lot A con 9 ON <i>Well ID:</i> 1512775	N/104.2	-1.03	<u>93</u>
<u>32</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7226783	ESE/104.2	1.00	<u>95</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>33</u>	wwis		Ottawa ON <i>Well ID:</i> 7221021	E/109.5	1.00	<u>97</u>
<u>34</u>	WWIS		OTTAWA ON <i>Well ID:</i> 7226785	E/112.7	1.00	<u>99</u>
<u>35</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7226786	E/112.9	1.00	<u>101</u>
<u>36</u>	WWIS		OTTAWA ON <b>Well ID:</b> 7226782	ESE/113.1	1.00	<u>103</u>
<u>37</u>	WWIS		lot A con 8 ON <i>Well ID:</i> 1518164	NNE/117.9	-1.00	<u>105</u>
<u>38</u>	ECA	City of Ottawa	2035 Trim Rd Ottawa ON K2G 6J8	ESE/119.5	1.00	<u>108</u>
<u>38</u>	EHS		2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>108</u>
<u>38</u>	EHS		2035 Trim Road Ottawa ON	ESE/119.5	1.00	<u>108</u>
<u>38</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	ESE/119.5	1.00	<u>108</u>
<u>38</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	ESE/119.5	1.00	<u>109</u>
<u>38</u>	FST	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	ESE/119.5	1.00	<u>109</u>
<u>38</u>	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	ESE/119.5	1.00	<u>109</u>
<u>38</u>	FSTH	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	2035 TRIM RD NAVAN ON	ESE/119.5	1.00	<u>110</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>38</u>	GEN	City of Ottawa	2035 Trim Orleans ON K4A 3R2	ESE/119.5	1.00	<u>110</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	ESE/119.5	1.00	<u>111</u>
<u>38</u>	GEN	OTTAWA- CARLETON,REGIONAL MUNICIPALITY OF	2035 TRIM ROAD NAVAN ON K4A 7J5	ESE/119.5	1.00	<u>111</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	ESE/119.5	1.00	<u>112</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Orleans ON K4A 3R2	ESE/119.5	1.00	<u>113</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	ESE/119.5	1.00	<u>114</u>
<u>38</u>	GEN	CUMBERLAND, TOWNSHIP OF 08-703	MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	ESE/119.5	1.00	<u>114</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Orleans ON	ESE/119.5	1.00	<u>115</u>
<u>38</u>	GEN	CUMBERLAND, TOWNSHIP OF	MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	ESE/119.5	1.00	<u>115</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>115</u>
<u>38</u>	GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	2035 TRIM ROAD NAVAN ON K4A 3K5	ESE/119.5	1.00	<u>116</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>117</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>38</u>	GEN	City of Ottawa Public Works & Environmental Services, East Roads	2035 Trim Road Ottawa ON K1P1J1	ESE/119.5	1.00	<u>118</u>
<u>38</u>	GEN	CUMBERLAND, TOWNSHIP OF	2035 TRIM ROAD CUMBERLAND ON K0A 1S0	ESE/119.5	1.00	<u>119</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>119</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Orleans ON K4A 3R2	ESE/119.5	1.00	<u>120</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON	ESE/119.5	1.00	<u>120</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>121</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>122</u>
<u>38</u>	GEN	City of Ottawa	2035 Trim Road Orleans ON K4A 3R2	ESE/119.5	1.00	<u>123</u>
<u>38</u>	GEN		2035 Trim Orleans ON K4A 3R2	ESE/119.5	1.00	<u>123</u>
<u>38</u>	PRT	CUMBERLAND TWP ROADS DEPT PUC	2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2 AT 2035 TRIM RD. AT THE	ESE/119.5 ESE/119.5	1.00	<u>123</u> 123
<u>38</u>	OFL		CUMBERLAND TWP. YARD STORAGE TANK CUMBERLAND TOWNSHIP ON K4A 3R2	LOL/110.0	1.00	120
<u>38</u>	SPL	Harold Marcus Limited	2035 Trim Rd Ottawa ON K4A 3R2	ESE/119.5	1.00	<u>124</u>
<u>39</u>	BORE		ON	NNW/128.5	-1.00	<u>124</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>40</u>	WWIS		Ottawa ON <i>Well ID:</i> 7221027	ESE/135.8	1.00	<u>125</u>
<u>41</u>	WWIS		Ottawa ON <i>Well ID:</i> 7221025	E/146.9	1.00	<u>128</u>
<u>42</u>	CA	Conseil des Ecoles Catholiques de Langue Francaise de Centre- Est	1999 Provence Ave Ottawa ON K4A 3Y6	SW/150.0	1.08	<u>131</u>
<u>42</u>	ECA	Conseil des Ecoles Catholiques de Langue Francaise de Centre- Est	1999 Provence Ave Ottawa ON K1J 1A1	SW/150.0	1.08	<u>131</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>131</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>132</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	BEATRICE-DESLOGES 1999 AV. PROVENCE OTTAWA ON K4A 3Y6	SW/150.0	1.08	<u>133</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>133</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>134</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>135</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>135</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>136</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>137</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>138</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	SW/150.0	1.08	<u>139</u>
<u>42</u>	GEN	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON	SW/150.0	1.08	<u>140</u>
<u>43</u>	WWIS		Ottawa ON <b>Well ID:</b> 7221024	ESE/165.1	1.00	<u>140</u>
<u>44</u>	WWIS		lot 1 con 8 Ottawa ON <i>Well ID:</i> 7221026	E/182.2	1.00	<u>143</u>
<u>45</u>	HINC		110 BRIARGATE [PRIVATE] OTTAWA ON K4A 0C5	NNE/182.2	-1.00	<u>146</u>
<u>46</u>	WWIS		Ottawa ON <i>Well ID:</i> 7221023	E/214.7	0.00	<u>146</u>
<u>47</u>	CA	1427165 Ontario Limited	2000 Valin St Ottawa ON	N/227.9	-1.00	<u>149</u>
<u>47</u>	CA	1427165 Ontario Limited	2000 Valin St Ottawa ON	N/227.9	-1.00	<u>149</u>
<u>47</u>	ECA	1427165 Ontario Limited	2000 Valin St , Ottawa ON K2P 0Y6	N/227.9	-1.00	<u>149</u>
<u>47</u>	ECA	1427165 Ontario Limited	2000 Valin St , Ottawa ON K2P 0Y6	N/227.9	-1.00	<u>150</u>
<u>48</u>	WWIS		ORLEAN ON <b>Well ID:</b> 7211753	SSE/235.3	2.00	<u>150</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>49</u>	SPL	MOTOR VEHICLE	INNIS AT PROVENCE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	W/276.7	0.00	<u>152</u>
<u>50</u>	CA	CLARIDGE COMMERCIAL DEVELOPMENT INC.	PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	W/285.3	0.08	<u>152</u>
<u>50</u>	CA	CLARIDGE COMMERCIAL DEVELOPMENT INC.	PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	W/285.3	0.08	<u>153</u>

# Executive Summary: Summary By Data Source

### **BORE** - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.30 kilometers of the project property.

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
	ON	0.0	<u>4</u>
	ON	128.5	<u>39</u>

#### **<u>CA</u>** - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 7 CA site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
6095186 Canada Inc.	Innes Road and Trim Road, Part A and Lot 1, Concession 8, Ward 1 Ottawa ON	20.8	<u>5</u>
Ultramar Ltee/Ultramar Ltd.	1985 Trim Rd Ottawa ON K4A 4R7	95.5	<u>24</u>
Conseil des Ecoles Catholiques de Langue Francaise de Centre-Est	1999 Provence Ave Ottawa ON K4A 3Y6	150.0	<u>42</u>
1427165 Ontario Limited	2000 Valin St Ottawa ON	227.9	<u>47</u>
1427165 Ontario Limited	2000 Valin St Ottawa ON	227.9	<u>47</u>

Site CLARIDGE COMMERCIAL DEVELOPMENT INC.	<u>Address</u> PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	<u>Distance (m)</u> 285.3	<u>Map Key</u> <u>50</u>
CLARIDGE COMMERCIAL DEVELOPMENT INC.	PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	285.3	<u>50</u>

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

A search of the EASR database, dated Oct 2011-Jun 31, 2019 has found that there are 1 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>
RIVERSTONE (TRIM ROAD) LIMITED PARTNERSHIP	1980 Trim Road Ottawa ON K4A 4S7	94.3	<u>23</u>

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

A search of the ECA database, dated Oct 2011-Jun 30, 2019 has found that there are 5 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
Ultramar Ltee/Ultramar Ltd.	1985 Trim Rd Ottawa ON H3A 3L3	95.5	<u>24</u>
City of Ottawa	2035 Trim Rd Ottawa ON K2G 6J8	119.5	<u>38</u>
Conseil des Ecoles Catholiques de Langue Francaise de Centre-Est	1999 Provence Ave Ottawa ON K1J 1A1	150.0	<u>42</u>
1427165 Ontario Limited	2000 Valin St , Ottawa ON K2P 0Y6	227.9	<u>47</u>
1427165 Ontario Limited	2000 Valin St , Ottawa ON K2P 0Y6	227.9	<u>47</u>

#### **EHS** - ERIS Historical Searches

<u>Site</u>

A search of the EHS database, dated 1999-Apr 30, 2019 has found that there are 7 EHS site(s) within approximately 0.30 kilometers of the project property.

Address 5150 Innes Road Ottawa ON K4A 0G4	<u>Distance (m)</u> 0.0	<u>Map Key</u> <u>3</u>
N/E Corner of intersection of Trim Rd & Innes Rd Ottawa ON	20.8	<u>5</u>
Trim Rd Innes Rd Ottawa ON	40.7	<u>8</u>
Trim Road Orleans ON	59.3	<u>10</u>
1985 Trim Road Orleans ON K4A 4R7	95.5	<u>24</u>
2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>
2035 Trim Road Ottawa ON	119.5	<u>38</u>

#### **FST** - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 7 FST 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>
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	<u>24</u>
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	<u>24</u>

Site	Address	Distance (m)	<u>Map Key</u>
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	<u>24</u>
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	<u>24</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	119.5	<u>38</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	119.5	<u>38</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	2035 TRIM RD OTTAWA ON K4A 3R2	119.5	<u>38</u>

#### **FSTH** - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 3 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u> ULTRAMAR LTEE ATT JOSEE TREMBLAY	<u>Address</u> 1985 TRIM RD OTTAWA ON K4A 4R7	<u>Distance (m)</u> 95.5	<u>Map Key</u> <u>24</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	119.5	<u>38</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE	2035 TRIM RD NAVAN ON	119.5	<u>38</u>

### GEN - Ontario Regulation 347 Waste Generators Summary

erisinfo.com | Environmental Risk Information Services

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 48 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u> Sobeys Pharmacy	<u>Address</u> 5150 Innes Rd Orleans ON K4A0G4	Distance (m) 0.0	<u>Мар Кеу</u> <u>1</u>
Sobeys Pharmacy	5150 Innes Rd Orleans ON K4A0G4	0.0	1
Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Road Veterinary Professional Corporation	2010 Trim Rd Ottawa ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	39.8	<u>7</u>

<u>Site</u> Faltas & Marks Medicine Prof Corp	<u>Address</u> 2010 Trim Road, Unit 7 Orleans ON K4A 0G4	<u>Distance (m)</u> 39.8	<u>Map Key</u> <u>7</u>
Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	39.8	<u>7</u>
Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	39.8	<u>7</u>
City of Ottawa	2035 Trim Orleans ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	119.5	<u>38</u>
OTTAWA-CARLETON,REGIONAL MUNICIPALITY OF	2035 TRIM ROAD NAVAN ON K4A 7J5	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	119.5	<u>38</u>
City of Ottawa	2035 Trim Orleans ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K1P1J1	119.5	<u>38</u>
CUMBERLAND, TOWNSHIP OF 08- 703	MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Orleans ON	119.5	<u>38</u>

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
CUMBERLAND, TOWNSHIP OF	MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>
OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	2035 TRIM ROAD NAVAN ON K4A 3K5	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>
City of Ottawa Public Works & Environmental Services, East Roads	2035 Trim Road Ottawa ON K1P1J1	119.5	<u>38</u>
CUMBERLAND, TOWNSHIP OF	2035 TRIM ROAD CUMBERLAND ON K0A 1S0	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Orleans ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>
City of Ottawa	2035 Trim Road Ottawa ON K4A 3R2	119.5	<u>38</u>

<u>Site</u> City of Ottawa	<u>Address</u> 2035 Trim Road Orleans ON K4A 3R2	<u>Distance (m)</u> 119.5	<u>Map Key</u> <u>38</u>
City of Ottawa	2035 Trim Orleans ON K4A 3R2	119.5	<u>38</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	BEATRICE-DESLOGES 1999 AV. PROVENCE OTTAWA ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>

<u>Site</u>	Address	Distance (m)	<u>Map Key</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>
CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	150.0	<u>42</u>

#### HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	110 BRIARGATE [PRIVATE] OTTAWA ON K4A 0C5	182.2	<u>45</u>

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

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

Site	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CUMBERLAND TWP ROADS DEPT	2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	119.5	<u>38</u>

#### **RSC** - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-May 2019 has found that there are 1 RSC 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>
Imperial Oil Limited	No municpal address. ON	78.9	<u>18</u>

#### SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 6 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u> LAIDLAW TRANSIT	Address INTERSECTION OF TRIM AND INNES, INNES AND PROVENCE, BEATRICE DES LOGE SCHOOL OTTAWA CITY ON	<u>Distance (m)</u> 20.8	<u>Map Key</u> <u>5</u>
City of Ottawa	Innes Rd @ Trim Rd Ottawa ON	21.3	<u>6</u>
	Ottawa ON	66.9	<u>14</u>
PUC	AT 2035 TRIM RD. AT THE CUMBERLAND TWP. YARD STORAGE TANK CUMBERLAND TOWNSHIP ON K4A 3R2	119.5	<u>38</u>
Harold Marcus Limited	2035 Trim Rd Ottawa ON K4A 3R2	119.5	<u>38</u>
MOTOR VEHICLE	INNIS AT PROVENCE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	276.7	<u>49</u>

#### WWIS - Water Well Information System

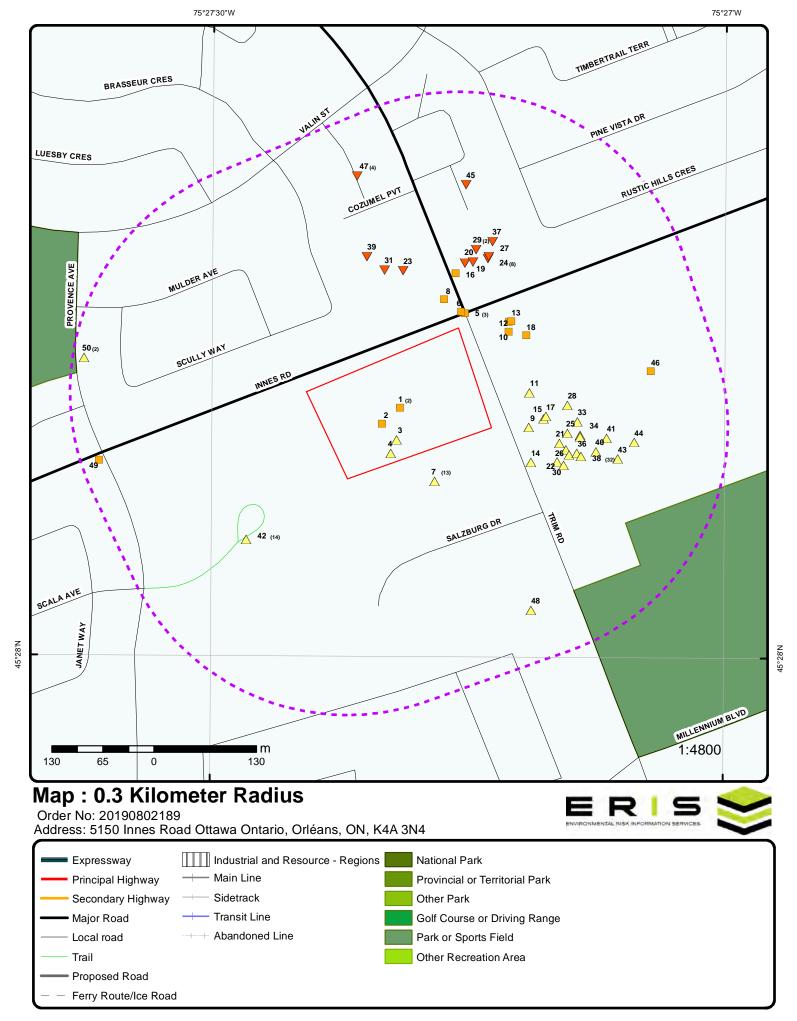
A search of the WWIS database, dated Feb 28, 2019 has found that there are 32 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
	lot 1 con 9 ON	0.0	<u>2</u>
	Well ID: 1512782		
	Ottawa ON <i>Well ID:</i> 7221022	47.2	<u>9</u>
	ON Well ID: 7123332	59.7	<u>11</u>

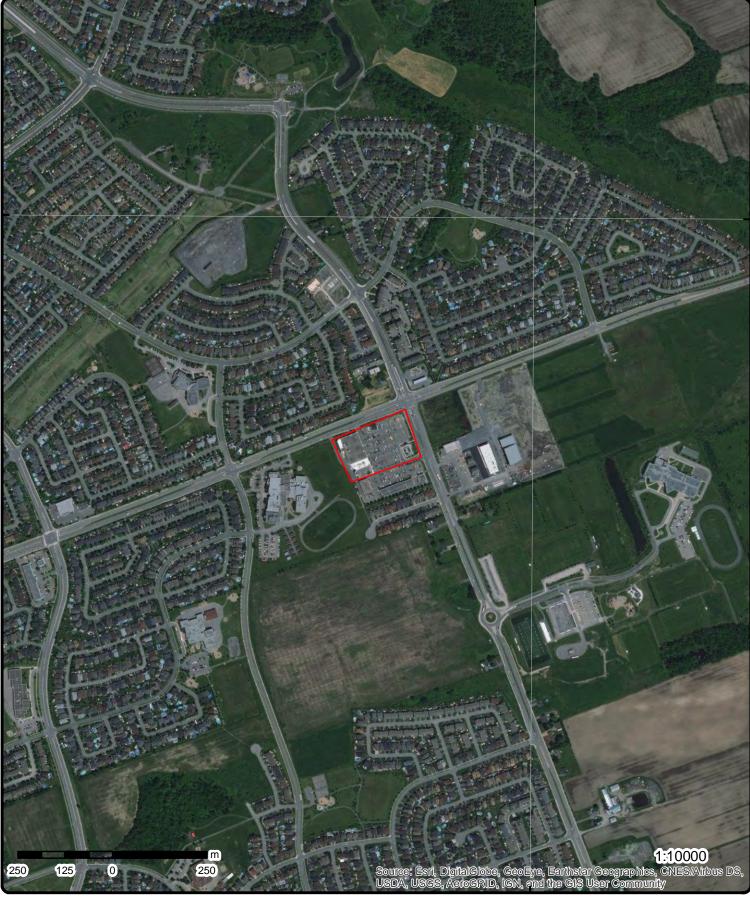
Address	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa ON	63.4	<u>12</u>
Well ID: 7143199		
OTTAWA ON	66.6	<u>13</u>
Well ID: 7132442		
	67.2	15
ON	07.2	<u>15</u>
Well ID: 7221029		
OTTAWA ON	69.8	<u>16</u>
<b>Well ID:</b> 7200448		
	70.7	17
ON	-	<u></u>
Well ID: 7221028		
OTTAWA ON	83.1	<u>19</u>
Well ID: 7200449		
	85.7	20
<b>Well ID:</b> 7200446		
ON	88.5	<u>21</u>
Well ID: 7176825		
	94.1	22
Ottawa ON <b>Well ID:</b> 7181202		
OTTAWA ON	96.5	<u>25</u>
<b>Well ID:</b> 7226784		
OTTAWA ON	98.3	<u>26</u>
Well ID: 7226781		
	98.5	
OTTAWA ON	90.0	<u>27</u>

Address Well ID: 7200447	<u>Distance (m)</u>	<u>Map Key</u>
lot 1 con 8 CUMBERLAND ON	100.3	<u>28</u>
Well ID: 7275787		
	102.2	<u>29</u>
Well ID: 1536313		
	102.2	<u>29</u>
Well ID: 1536398		
Ottawa ON	103.0	<u>30</u>
Well ID: 7181203		
lot A con 9 ON	104.2	<u>31</u>
Well ID: 1512775		
OTTAWA ON	104.2	<u>32</u>
Well ID: 7226783		
Ottawa ON	109.5	<u>33</u>
Well ID: 7221021		
OTTAWA ON	112.7	<u>34</u>
Well ID: 7226785		
OTTAWA ON	112.9	<u>35</u>
Well ID: 7226786		
OTTAWA ON	113.1	<u>36</u>
Well ID: 7226782		
lot A con 8 ON	117.9	<u>37</u>
<b>Well ID:</b> 1518164		

Address	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa ON	135.8	<u>40</u>
Well ID: 7221027		
Ottawa ON	146.9	<u>41</u>
Well ID: 7221025		
Ottawa ON	165.1	<u>43</u>
Well ID: 7221024		
lot 1 con 8 Ottawa ON	182.2	<u>44</u>
Well ID: 7221026		
Ottawa ON	214.7	<u>46</u>
Well ID: 7221023		
ORLEAN ON	235.3	<u>48</u>
Well ID: 7211753		



Source: © 2015 DMTI Spatial Inc.



75°27'W

# Aerial (2017)

45°28'30"N

## Address: 5150 Innes Road Ottawa Ontario, Orléans, ON, K4A 3N4

Order No: 20190802189

45°28'30"N

Source: ESRI World Imagery

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# **Topographic Map**

### Order No: 20190802189



Address: 5150 Innes Road Ottawa Ontario, Orléans, ON, K4A 3N4

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

# Detail Report

Map Key	Numbe Record		Elev/Diff m) (m)	Site		DB
1	1 of 2	-/0.0	86.9 / 0.00	Sobeys Pharmacy 5150 Innes Rd Orleans ON K4A0G4		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facill SIC Code: SIC Descripte	ears: cility: ity:	ON9151811 Registered As of Dec 2018		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class: Waste Class	-	261 A Pharmaceutica	s			
Waste Class: Waste Class		312 P Pathological wa	astes			
<u>1</u>	2 of 2	-/0.0	86.9 / 0.00	Sobeys Pharmacy 5150 Innes Rd Orleans ON K4A0G4		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descripti	ears: cility: ity:	ON9151811 Registered As of Jul 2019		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class: Waste Class		261 A Pharmaceutica	s			
Waste Class: Waste Class		312 P Pathological wa	astes			
2	1 of 1	-/0.0	86.9 / 0.00	lot 1 con 9 ON		WWIS
Well ID: Construction Primary Wat Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction	ter Use: Jse: tatus: prial:	1512782 Livestock Domestic Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	1 8/27/1963 Yes 1504 1 OTTAWA-CARLETON	

Order No: 20190802189

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Method: Elevation (m): Elevation Relia Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Flowing (Y/N): Flow Rate: Clear/Cloudy:	ock: edrock:			Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CUMBERLAND TOWNSHIP 001 09 CON	
Bore Hole Infor	<u>mation</u>					
	r Bedrock d: 8/7/1963 e Date: ocation Source: ocation Method: n Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.656532 18 464389.8 5035190 5 margin of error : 100 m - 300 m p5	
<u>Overburden and</u> <u>Materials Interv</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3: Other Materials Formation Top Formation End Formation End	: : Depth: Depth:	931021535 3 2 GREY 15 LIMESTONE 128 142 ft				
<u>Overburden and</u> Materials Interv						
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials Mat3:		931021533 1 3 BLUE 05 CLAY				
Mats: Other Materials Formation Top Formation End Formation End	Depth: Depth:	0 120 ft				

Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color:	931021534 2
Mat1: Most Common Material: Mat2: Other Materials: Mat3:	09 MEDIUM SAND 11 GRAVEL
Formation End Depth: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	120 128 ft
<u>Method of Construction &amp; Well</u> <u>Use</u>	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	7 Diamond
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10583340 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930061602 2 4 OPEN HOLE 142 2 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930061601 1 1 STEEL 130 2 inch ft

#### Results of Well Yield Testing

 Pump Test ID:
 991512782

 Pump Set At:
 991512782

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Level:			25				
Final Level A			40				
Recommend		epth:	40				
Pumping Rat			10				
Flowing Rate							
Recommend		ate:	10				
Levels UOM:			ft				
Rate UOM:			GPM				
Water State	After Test C	ode:	1				
Water State			CLEAR				
Pumping Tes	st Method:		1				
Pumping Du	ration HR:		2				
Pumping Du	ration MIN:		0				
Flowing:			Ν				
Water Details	<u>5</u>						
Water ID:			933468274				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found	Donth:		142				
Water Found		И:	ft				
3	1 of 1		-/0.0	87.6 / 0.69	5150 Innes Road		EHS
					Ottawa ON K4A 0G4		
Order No:		2010060	7018		Nearest Intersection:	Innes Road and Trim Road	
Status:		С			Municipality:		
Report Type		Custom I	•		Client Prov/State:	ON	
Report Date		6/16/201	0		Search Radius (km):	0.25	
Date Receiv	ed:	6/7/2010	1		Х:	-75.45532	
Previous Sit	e Name:				Y:	45.469144	
Lot/Building	Size:						
Additional In	fo Ordered.	:	City Directory				
4	1 of 1		-/0.0	87.6 / 0.69			BORE
					ON		BORE
Borehole ID	:	616337			Inclin FLG:	No	
OGF ID:		2155171	26		SP Status:	Initial Entry	
Status:					Surv Elev:	No	
Type:		Borehole	2		Piezometer:	No	
Use:		Dereneie			Primary Name:		
Completion	Data	AUG-196	33		Municipality:		
Static Water		11.0	55		Lot:		
		11.0			Township:		
Primary Wat						45 468080	
Sec. Water L		000			Latitude DD:	45.468989	
Total Depth	<i>m</i> :	-999	D(		Longitude DD:	-75.455409	
Depth Ref:		Ground S	Surrace		UTM Zone:	18	
Depth Elev:					Easting:	464401	
Drill Method					Northing:	5035152	
Orig Ground	l Elev m:	88.4			Location Accuracy:		
Elev Reliabi	l Note:				Accuracy:	Not Applicable	
DEM Ground	d Elev m:	88.7					
Concession:							
Location D:							
Survey D:							
Comments:							
comments:							

## Borehole Geology Stratum

	nber of ords	Direction/ Distance (m	Elev/Diff ) (m)	Site	D
Geology Stratum II	<b>D:</b> 2184036	96		Mat Consistency:	
Top Depth:	39			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limeston	e		Geologic Group:	
Material 3:	Enreston			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Descri	intion.			Depositional Gen.	
Stratum Description				CK. SEISMIC VELOCITY = tment have a truncated [Stra	: 19500. K. DARK,GREY,SOUND. 00095 **Note atum Description] field.
Geology Stratum II	<b>D</b> : 2184036	94		Mat Consistency:	
Top Depth:	0	54		Material Moisture:	
Bottom Depth:	36.6			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
				21	
Material 1: Material 2:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:	• .•			Depositional Gen:	
Gsc Material Descri Stratum Description		CLAY. BLUE.			
-		05		Mat Canaistanaw	
Geology Stratum II		90		Mat Consistency:	
Top Depth:	36.6			Material Moisture:	
Bottom Depth:	39			Material Texture:	
Material Color:	<b>a</b> .			Non Geo Mat Type:	
				Geologic Formation:	
Material 1:	Sand				
Material 2:	Sand Gravel			Geologic Group:	
Material 2: Material 3:				Geologic Period:	
<i>Material 2: Material 3: Material 4:</i>	Gravel				
Material 2: Material 3: Material 4: Gsc Material Descri	Gravel	SAND WATER S	STARI E AT 253 9 F	Geologic Period: Depositional Gen:	
<i>Material 2: Material 3: Material 4:</i>	Gravel	SAND. WATER S	STABLE AT 253.9 F	Geologic Period: Depositional Gen:	
Material 2: Material 3: Material 4: Gsc Material Descri	Gravel	SAND. WATER S	STABLE AT 253.9 F	Geologic Period: Depositional Gen:	
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description	Gravel <i>iption:</i> n: Data Sur	vey		Geologic Period: Depositional Gen:	Spatial/Tabular
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description <u>Source</u>	Gravel <i>iption:</i> n: Data Sur			Geologic Period: Depositional Gen: EET.	Spatial/Tabular 1
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description <u>Source</u> Source Type:	Gravel <i>iption:</i> n: Data Sur	vey al Survey of Canad		Geologic Period: Depositional Gen: EET. Source Appl:	
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig:	Gravel <i>iption:</i> n: Data Sur Geologic	vey al Survey of Canad		Geologic Period: Depositional Gen: EET. Source Appl: Source Iden:	1
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig: Source Date:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197	vey al Survey of Canad		Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res:	1 Varies
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig: Source Date: Confidence:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197	vey al Survey of Canad 72	da	Geologic Period: Depositional Gen: EET. Source Appl: Source Iden: Scale or Res: Horizontal:	1 Varies NAD27
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197	vey al Survey of Canad 72 Urban Geology A	da utomated Informati	Geologic Period: Depositional Gen: EET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	1 Varies NAD27
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t	da utomated Informati	Geologic Period: Depositional Gen: EET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	1 Varies NAD27
Material 2: Material 3: Material 4: Gsc Material Descri Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t	da utomated Informati xt RecordID: 08845	Geologic Period: Depositional Gen: EET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	1 Varies NAD27
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Type: Source Orig: Source Orig: Source Orig: Confidence: Observatio: Source Name: Source Details: Confiden 1: Source List	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197 M	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t	da utomated Informati xt RecordID: 08845	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E	1 Varies NAD27 Mean Average Sea Level
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Details: Confiden 1: Source List Source Identifier:	Gravel <i>iption:</i> n: Data Sur Geologic 1956-197 M	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati	da utomated Informati xt RecordID: 08845	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum:	1 Varies NAD27 Mean Average Sea Level NAD27
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Details: Confiden 1: Source List Source Identifier: Source Identifier: Source Type:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati	da utomated Informati xt RecordID: 08845	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Details: Confiden 1: Source List Source List Source Identifier: Source Type: Source Date:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati	da utomated Informati xt RecordID: 08845	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum:	1 Varies NAD27 Mean Average Sea Level NAD27
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Name: Source Details: Confiden 1: Source List Source List Source Identifier: Source Type: Source Date: Source Date:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati	da utomated Informati xt RecordID: 08845 ion but incomplete.	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 2: Material 3: Material 3: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source List Source List Source Identifier: Source Identifier: Source Type: Source Date: Scale or Resolution Source Name:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Name: Source Details: Confiden 1: Source List Source List Source Identifier: Source Type: Source Date: Source Date:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Material 2: Material 3: Material 3: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source List Source Identifier: Source Identifier: Source Date: Scale or Resolution Scale or Resolution Source Name: Source Originators	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies :	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Material 2: Material 3: Material 3: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source List Source Identifier: Source Identifier: Source Date: Source Date: Scale or Resolution Source Name: Source Originators	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies :	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A Geological Surve	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati y of Canada	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Material 2: Material 3: Material 3: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source List Source Identifier: Source Identifier: Source Date: Scale or Resolution Scale or Resolution Source Name: Source Originators	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies :	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A Geological Surve	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati y of Canada	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) 6095186 Canada Inc Innes Road and Trin Concession 8, Ward	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1: Source List Source Identifier: Source Identifier: Source Date: Source Date: Source Date: Source Date: Source Date: Source Date: Source Date: Source Name: Source Name: Source Originators <u>5</u> 1 of 3 Certificate #:	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies :	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A Geological Surve	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati y of Canada	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) 6095186 Canada Inc Innes Road and Trin Concession 8, Ward	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Material 2: Material 3: Material 4: Gsc Material Description Stratum Description Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source List Source Identifier: Source Identifier: Source Date: Source Date: Source Date: Source Date: Source Date: Source Date: Source Name: Source Name: Source Originators	Gravel iption: n: Data Sur Geologic 1956-197 M 1 Data Sur 1956-197 n: Varies :	vey al Survey of Canad 72 Urban Geology A File: OTTAWA2.t Reliable informati vey 72 Urban Geology A Geological Surve <i>NE/20.8</i> 4334-6J8LPW	da utomated Informati xt RecordID: 08845 ion but incomplete. utomated Informati y of Canada	Geologic Period: Depositional Gen: TEET. Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G06E Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) 6095186 Canada Inc Innes Road and Trin Concession 8, Ward	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator

Map Key	Number Record		Elev/Diff (m)	Site		DE
Approval 1 Status: Application Client Nam Client Add Client City Client Post Project De Contamina Emission (	n Type: ne: lress: : tal Code: scription: nnts:	Municipal and Priva Approved	ate Sewage Works			
<u>5</u>	2 of 3	NE/20.8	86.9 / 0.00	N/E Corner of interse Ottawa ON	ction of Trim Rd & Innes Rd	EHS
Order No: Status: Report Typ Report Dat	te:	20060224007 C Basic Report 3/6/2006		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	Trim Rd & Innes Rd ON 0.25	
Date Recei Previous S Lot/Buildin Additional	Site Name:	2/24/2006 :		X: Y:	-75.453916 45.471022	
5	3 of 3	NE/20.8	86.9 / 0.00	LAIDLAW TRANSIT INTERSECTION OF T AND PROVENCE, BE SCHOOL OTTAWA CITY ON	RIM AND INNES, INNES ATRICE DES LOGE	SPL
Ref No: Site No:		200997		Discharger Report: Material Group:		
Incident Di Year:	t:	5/18/2001		Health/Env Conseq: Client Type:		
Incident Ca Incident Ex Contamina Contamina Contamina Contam Lin	vent: ant Code: ant Name: ant Limit 1:	OTHER CONTAINER LEAK		Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code:	CITY OF OTTAWA	
Environme Nature of I	ent Impact: mpact:	Confirmed Multi Media Pollution		Site Region: Site Municipality: Site Lot:	20107	
Receiving Receiving MOE Resp	Env: onse:	Land, Water		Site Conc: Northing: Easting:		
Dt MOE Ar MOE Repo Dt Docume		5/18/2001		Site Geo Ref Accu: Site Map Datum: SAC Action Class:		
Incident Re Site Name: Site Count Site Geo R	: y/District:	UNKNOWN		Source Type:		
Incident Su Contamina	ummary:	LAIDLAW:SCHOO	L BUS SPILL ED DI	IESEL ON ROADWAY, CA	TCHBASIN, CLEANING UP	
<u>6</u>	1 of 1	NNE/21.3	86.9 / 0.00	City of Ottawa Innes Rd @ Trim Rd Ottawa ON		SPL

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Site No:		NA			Material Group:		
Incident Dt:		2016/11/07	,		Health/Env Conseq:		
Year:					Client Type:		
Incident Caus					Sector Type:	Other	
Incident Even		•	luman error		Agency Involved:		
Contaminant		27			Nearest Watercourse:		
Contaminant		COOLANT	N.O.S.		Site Address:	Innes Rd @ Trim Rd	
Contaminant					Site District Office:		
Contam Limit	•				Site Postal Code:		
Contaminant					Site Region:	0#*****	
Environment					Site Municipality: Site Lot:	Ottawa	
Nature of Imp					Site Conc:		
Receiving Me Receiving En		Land					
MOE Respons		No			Northing: Easting:		
Dt MOE Arvl o		NO			Site Geo Ref Accu:		
MOE Reported		2016/11/07	,		Site Map Datum:		
Dt Document		2010/11/07			SAC Action Class:	Land Spills	
Incident Reas		Equipment	Failura		Source Type:	Land Spills	
Site Name:	<b>o</b> n.			e west of interest	ction <unofficial></unofficial>		
Site Name: Site County/D	istrict.	v					
Site Geo Ref I							
Incident Sumi		(	DC Transpo: 14L c		cleaning		
Contaminant	•		4 L		, oldaning		
Containinant							
<u>7</u>	1 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road unit 14 Orleans ON	1	GEN
Generator No: Status:	:	ON948805	6		PO Box No: Country:		
		2013			Country: Choice of Contact:		
Approval Yea Contam. Facil		2013			Co Admin:		
MHSW Facility					Phone No Admin:		
SIC Code:	y.	621390			Filone No Aumin.		
SIC Description	-m·			OTHER HEALTH	PRACTITIONERS		
olo Descriptio							
<u>Detail(s)</u>							
Waste Class:		3	312				
Waste Class L	Desc:	F	PATHOLOGICAL V	VASTES			
Waste Class: Waste Class L	Desc:		264 PHOTOPROCESS	ING WASTES			
<u>7</u>	2 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road unit 14 Orleans ON K4A 0G4	1	GEN
Generator No.	:	ON948805			PO Box No:		
		Registered			Country:	Canada	
Status: Approval Year Contam. Facil MHSW Facility SIC Code: SIC Descriptic	lity: y:	As of Dec 2			Choice of Contact: Co Admin: Phone No Admin:		
Approval Yeau Contam. Facil MHSW Facility SIC Code: SIC Descriptic	lity: y:				Co Admin:		
Approval Yeau Contam. Facility MHSW Facility SIC Code: SIC Description <u>Detail(s)</u>	lity: y:	As of Dec 2	2018		Co Admin:		
Approval Yeau Contam. Facil MHSW Facility SIC Code: SIC Descriptic	lity: y: on:	As of Dec 2			Co Admin:		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class Waste Class			264 L Photoprocessing v	vastes			
Waste Class: Waste Class	-		264 T Photoprocessing v	vastes			
Waste Class: Waste Class			312 P Pathological waste	es			
<u>7</u>	3 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road unit 1- Orleans ON K4A 0G4	4	GEN
Generator No Status: Approval Yea Contam. Fac. MHSW Facili SIC Code: SIC Descripti	ars: illity: ity:	ON9488 2014 No 621390		OTHER HEALTH	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: PRACTITIONERS	Canada CO_OFFICIAL	
<u>Detail(s)</u>							
Waste Class: Waste Class			264 PHOTOPROCES	SING WASTES			
Waste Class: Waste Class			312 PATHOLOGICAL	WASTES			
Waste Class: Waste Class			261 PHARMACEUTIC	ALS			
<u>7</u>	4 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road uni 14 Orleans ON K4A 0G4	I.	GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descripto	ars: illity: ity:	ON9488 2012 621390		r Health Practition	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			264 PHOTOPROCES	SING WASTES			
Waste Class: Waste Class			312 PATHOLOGICAL	WASTES			
<u>7</u>	5 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road unit 14 Orleans ON K4A 0G4	4	GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code:	ars: ility:	ON9488 2015 No No 621390	056		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL	

Order No: 20190802189

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
SIC Description:	OFFICES OF ALL C	OTHER HEALTH	PRACTITIONERS		
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	261 PHARMACEUTICA	LS			
Waste Class: Waste Class Desc:	264 PHOTOPROCESSI	NG WASTES			
Waste Class: Waste Class Desc:	312 PATHOLOGICAL W	VASTES			
76 of 13	SSE/39.8	87.9 / 1.00	Faltas & Marks Medic 2010 Trim Road, Unit Orleans ON K4A 0G4	7	GEN
Status: Approval Years: 2 Contam. Facility: N MHSW Facility: N		SICIANS	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Anju Kurichh 613-590-1433 Ext.	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	312 PATHOLOGICAL W	VASTES			
7 7 of 13	SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road uni 1 Orleans ON K4A 0G4		GEN
Status: Approval Years: 2 Contam. Facility: MHSW Facility:	N9488056 010		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: 6: SIC Description:	21390 Offices of All Other	Health Practitione	ers		
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	312 PATHOLOGICAL W	VASTES			
Waste Class: Waste Class Desc:	264 PHOTOPROCESSI	NG WASTES			
78 of 13	SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road uni 1 Orleans ON K4A 0G4		GEN
Status: Approval Years: 2 Contam. Facility: MHSW Facility:	N9488056 011 21390 Offices of All Other	Health Practitione	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		

Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff n) (m)	Site		DI
<u>Detail(s)</u>							
Waste Class: Waste Class D	Desc:		312 PATHOLOGICAI	WASTES			
Waste Class: Waste Class D	Desc:		264 PHOTOPROCES	SSING WASTES			
<u>7</u>	9 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road uni 14 Orleans ON K4A 0G4		GEN
Generator No:		ON94880	056		PO Box No:		
Status: Approval Year Contam. Facili	ity:	2009			Country: Choice of Contact: Co Admin:		
MHSW Facility SIC Code: SIC Descriptio		621390	Offices of All Oth	er Health Practition	Phone No Admin: ers		
<u>Detail(s)</u>							
Waste Class: Waste Class D	Desc:		264 PHOTOPROCES	SSING WASTES			
Waste Class: Waste Class D	Desc:		312 PATHOLOGICAI	_ WASTES			
Z	10 of 13		SSE/39.8	87.9/1.00	Trim Pet Hospital 2010 Trim Road unit 14 Orleans ON K4A 0G4		GEN
Generator No: Status: Approval Year Contam. Facili MHSW Facility SIC Code: SIC Descriptio	rs: ity: /:	ON94880 Registere As of Jul	ed		PO Box No: Country: C Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class: Waste Class D	Desc:		264 L Photoprocessing	wastes			
Waste Class: Waste Class D	Desc:		261 A Pharmaceuticals				
Waste Class: Waste Class D	Desc:		264 T Photoprocessing	wastes			
Waste Class: Waste Class D	Desc:		312 P Pathological was	tes			
<u>7</u>	11 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road uni 14 Orleans ON K4A 0G4		GEN
Generator No: Status:		ON94880	056		PO Box No: Country:		

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ility: ty:	07,08 621390	Offices of All Other	Health Practitioners	Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			264 PHOTOPROCESS	ING WASTES			
Waste Class: Waste Class			312 PATHOLOGICAL V	VASTES			
<u>7</u>	12 of 13		SSE/39.8	87.9 / 1.00	Trim Road Veterinary I 2010 Trim Rd Ottawa ON K4A 0G4	Professional Co	rporation GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descripti	ars: ility: ty:	ON8682 Register As of Jul	ed		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class: Waste Class			261 A Pharmaceuticals				
Waste Class: Waste Class			312 P Pathological wastes	3			
<u>7</u>	13 of 13		SSE/39.8	87.9 / 1.00	Trim Pet Hospital 2010 Trim Road unit 14 Orleans ON K4A 0G4	4	GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ars: ility: ty:	ON9488 2016 No No 621390	056 OFFICES OF ALL (	OTHER HEALTH PI	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: RACTITIONERS	Canada CO_OFFICIAL	
<u>Detail(s)</u>							
Waste Class: Waste Class			312 PATHOLOGICAL V	VASTES			
Waste Class: Waste Class			261 PHARMACEUTICA	LS			
Waste Class: Waste Class			264 PHOTOPROCESSI	ING WASTES			
<u>8</u>	1 of 1		NNE/40.7	86.9 / 0.00	Trim Rd Innes Rd Ottawa ON		EHS
Order No:		2016101	1013		Nearest Intersection:		
10	erisinfo.c	om l Envi	ronmental Risk Info	ormation Services			Order No: 20190802189

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	C Standard F 14-OCT-16 11-OCT-16	3		Municipality: Client Prov/State: Search Radius (km): X: Y:	Ottawa ON .25 -75.454554 45.470755	
<u>9</u>	1 of 1		E/47.2	87.9 / 1.00	Ottawa ON		wwi
Well ID:		7221022			Data Entry Status:		
Construction Primary Wate Sec. Water U Final Well Sta Water Type:	er Use: lse:	Monitoring 0 Test Hole	and Test Hole		Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	5/3/2014 Yes 7241	
Casing Mater Audit No:	rial:	Z183181			Form Version: Owner:	7	
Tag: Tag: Construction Elevation Rei Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	): liability: lrock: Bedrock: Level: '):	A155794			Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	2033 TRIM ROAD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Int	formation						
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	s: sc: teted: urce Date: t Location S t Location M sion Comme	lethod:	51		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	88.953689 18 464576 5035185 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inte		<u>k</u>					
		1	1005166786				
Formation ID		1	l				
Formation ID Layer: Color:			, BROWN				
Layer: Color: General Colo	or:						
Layer: Color:	on Material:	(	IOPSOIL				

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Other Materials:	SOFT			
Formation Top Depth:	0			
Formation End Depth:	0.31			
Formation End Depth UOM:	m			
Overburden and Bedrock Materials Interval				
Formation ID:	1005166787			
Layer:	2			
Color:	6 BROWN			
General Color: Mat1:	05			
Most Common Material:	CLAY			
Mat2:	28			
Other Materials:	SAND			
Mat3:	85			
Other Materials:	SOFT			
Formation Top Depth:	0.31			
Formation End Depth: Formation End Depth UOM:	1.22 m			
Formation End Depth DOM.	111			
Overburden and Bedrock Materials Interval				
Formation ID:	1005166788			
Layer:	3			
Color: General Color:	2 GREY			
Mat1:	05			
Most Common Material:	CLAY			
Mat2:	06			
Other Materials:	SILT			
Mat3:	85			
Other Materials:	SOFT			
Formation Top Depth: Formation End Depth:	1.22 4.57			
Formation End Depth UOM:	m.			
Annular Space/Abandonment Sealing Record				
Plug ID:	1005166796			
Layer:	1			
Plug From:	0			
Plug To: Plug Dopth LIOM:	0.31 m			
Plug Depth UOM:	111			
<u>Annular Space/Abandonment</u> Sealing Record				
Plug ID:	1005166798			
Layer: Diver From:	3			
Plug From: Plug To:	1.22 4.57			
Plug Depth UOM:	m			
<u>Annular Space/Abandonment</u> Sealing Record				
Plug ID:	1005166797			
Layer:	2			
45 erisinfo.com   Er	vironmental Risk Info	rmation Convior		Order No: 20190802189

Map Key	Number Records		Elev/Diff n) (m)	Site		DI
Plug From:		0.31				
Plug To:		1.22				
Plug Depth U	ОМ:	m				
<u>Method of Co</u> <u>Use</u>	nstruction	<u>&amp; Well</u>				
Method Cons						
Method Cons Method Cons		ode: D Direct Push				
Other Method						
Pipe Informat	<u>ion</u>					
Pipe ID:		1005166785				
Casing No:		0				
Comment: Alt Name:						
Construction	<u>Record - C</u>	asing				
Casing ID:		1005166791				
Layer:		1				
Material: Open Hole or	Matorial	5 PLASTIC				
Depth From:	Waleria.	0				
Depth To:		1.52				
Casing Diame	eter:	4.03				
Casing Diame	eter UOM:	cm				
Casing Depth	UOM:	m				
Construction	Record - S	<u>creen</u>				
Screen ID:		1005166792 1				
Layer: Slot:		10				
Screen Top D	epth:	1.52				
Screen End D		4.57				
Screen Mater	ial:	5				
Screen Depth		m				
Screen Diame Screen Diame		cm 4.82				
Hole Diamete	<u>r</u>					
Hole ID:		1005166789				
Diameter:		8.25				
Depth From:		0 4.57				
Depth To: Hole Depth U	ом∙	4.57 M				
Hole Diamete		cm				
<u>10</u>	1 of 1	NE/59.3	86.9 / 0.00	Trim Road Orleans ON		EHS
Order No:		20080714034		Nearest Intersection:	Trim Rd & Innes Rd	
Status:		C Complete Benert		Municipality:	AP	
Report Type:		Complete Report		Client Prov/State:	AB 0.25	
Report Date: Date Receive	d.	7/23/2008 7/14/2008		Search Radius (km): X:	0.25 -75.453504	
UNIE RECEIVE	u.	1/17/2000		X: Y:	45.470392	

Order No: 20190802189

Map Key	Number Records		Direction/ Distance (I	Elev/Diff m) (m)	Site		DI
Lot/Building Additional In			Eiro Insur Man	s And /or Site Plans			
Additional III	no ordered.		r ire insur. Map				
<u>11</u>	1 of 1		E/59.7	87.9 / 1.00	ON		wwws
Well ID:		7123332			Data Entry Status:		
Construction	n Date:				Data Src:		
Primary Wate	er Use:	Monitorir	ng		Date Received:	5/25/2009	
Sec. Water U	lse:				Selected Flag:	Yes	
Final Well St	atus:	Test Hol	е		Abandonment Rec:		
Water Type:					Contractor:	1844	
Casing Mate	rial:				Form Version:	5	
Audit No:		M02896			Owner:		
Tag: Comotruction	Mathad	A068593	5		Street Name:	TRIM RD & INNES RD	
Constructior Elevation (m					County:	OTTAWA-CARLETON OTTAWA CITY	
Elevation Re					Municipality: Site Info:	OTTAMA OTT	
Depth to Bec					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water					Northing NAD83:		
Flowing (Y/N	1):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	/:						
Bore Hole In	formation						
Bore Hole ID	):	1002720	809		Elevation:	88.580131	
DP2BR:					Elevrc:	10	
Spatial Statu Code OB:	IS:				Zone: East83:	18 464643	
Code OB. Code OB De	sc.				North83:	5035255	
Open Hole:	30.				Org CS:	UTM83	
Cluster Kind	:	This is a	record from clus	ter log sheet	UTMRC:	3	
Date Comple		9/2/2008		0	UTMRC Desc:	margin of error : 10 - 30 m	
Remarks:					Location Method:	wwr	
Elevrc Desc:	,						
Location Sol							
Improvemen	t Location S	Source:					
Improvemen Source Revis	t Location N	lethod:					
Source Revis Supplier Cor		ent:					
<u>Annular Spa</u>		iment					
Sealing Reco	<u></u>		4000700040				
Plug ID:			1002720813				
Layer: Plug From:							
Plug From: Plug To:							
Plug Depth L	JOM:						
<u>Method of Co Use</u>	onstruction	<u>&amp; Well</u>					
Method Con							
Method Con		ode:					
Mash1 🔿	struction:						
Method Con: Other Metho		1	Air Precussion				

Pipe ID: Comment: Comment: Stit Name:002720814 0Construction Record - Casing Dimension002720816 DimensionCasing ID: Layor: Baterial: Depth foor Meterial: Easing Dimenter: Casing Dimenter: Depth foor: Depth foor:<	DB	Site	Elev/Diff (m)	Direction/ Distance (m)	Number of Records	Map Key
Casing IV::       0         Common::       0         Att Name:       0         Comstruction Record - Casing       002720816         Layer:       0         Material:       5         Open Inoise or Material:       PLASTIC         Depth From:       0         Casing Diameter:       1.5         Casing Diameter:       m         Casing Diameter:       m         Construction Record - Screen       002720815         Screen ID:       1.5         Screen ID:       1.5         Screen Dapht:       5         Screen Dapht:       6.1         Screen Dapht:       6.1         Screen Dapht:       6.1         Screen Dameter:       0.5         Screen Dameter:       0.5         Screen Dameter:       0.5         Pump Fost D:       1002720817         Pumping Rate:       0.5         Float Level After Pumping:       0.5         Float Level After Pumping:       0.5         Float Level After Tost: Code:       Variant State After Tost: Code:         Water State After Tost: Code:       UNIX         Water State After Tost: Code:       UNIX         Pumpi					<u>tion</u>	<u>Pipe Informa</u>
Casing ID: 1002720816 Layor: 5 Material: 5 Open Hole or Material: PLASTIC Depth Fro: 1.5 Casing Diameter: 1.5 Casing Diameter: m Construction Record - Screen Screen ID: 1002720815 Layor: 5 Screen ID: 1002720815 Layor: 6.1 Screen ID: 6.1 Screen Jameter: 6.1 Screen Diameter: 6.1 Screen Diameter: 0.5 Screen Diameter: 0.5 Screen Diameter: 0.5 Streen Tay ID: 1002720817 Pump Set A: 0.5 Streen Construction Record - Screen Recommended Pump Depth: 0.5 Final Level After Pumping: Final Level After Test Code: Water State After Test						Casing No: Comment:
Layer: 5 Open Hole or Material: 5 Open Hole or Material: PLASTIC Depth Fro: 1.5 Casing Diameter UOM: Casing Diameter UOM: Casing Depth UOM: m Construction Record - Screen Screen ID: 0002720815 Layer: 5 Screen Top Depth: 1.5 Screen Top Depth: 6.1 Screen Polepth: 6.1 Screen Polepth: 6.1 Screen Diameter UOM: Screen Diameter: Results of Well Yield Testing Pump Test ID: 0.5 Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping State After Test Code: Water State After Test Code: W					n Record - Casing	<u>Construction</u>
Layer: 5 Open Hole or Material: 5 Open Hole or Material: PLASTIC Depth For: 1.5 Casing Diameter UOM: Casing Diameter UOM: Casing Depth UOM: m Construction Record - Screen Screen ID: 1002720815 Layer: 5 Screen For Depth: 1.5 Screen Top Depth: 1.5 Screen Top Depth: 6.1 Screen Diameter UOM: Screen Diameter: Results of Well Yield Testing Pump Test ID: 1002720817 Pump Set At: Static Level: 0.5 Final Level Atter Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump Depth: Pumping Rate: Recommended Pump				1002720816		Casing ID:
Open Hole or Material:PLASTICDepth For:1.5Casing Diameter UOM:						Layer:
Depth From: Casing Diameter: Casing Diameter: Casing Diameter: Casing Diameter: Multicity DOM: Casing Depth UOM:1.5Construction Record - ScreenScreen ID: Layor: Stot: Screen Fod Depth: Screen Fod Depth: Screen Fod Depth: Screen Fod Depth: Screen Fod Depth: Screen Fod Depth: Screen Polameter:1.5Results of Well Yield Testing Pump Test ID: State: Stot: State: State: Screen Polameter:1002720817 Pump State: State: State: State: State: State: State: State: State: State: State: State: State: State: Num State: Recommended Pump Depth: Screen Polameter:1002720817 Screen Polameter: Screen Polameter: State						
Depth To:1.5Casing Diameter:1.5Casing Diameter:mCasing Depth UOM:mConstruction Record - ScreenScreen ID:1002720815Layer:5Screen Top Depth:1.5Screen Top Depth:6.1Screen Ruberial:5Screen Depth UOM:mScreen Diameter UOM:mScreen Diameter:5Results of Well Yield TestingPump Test ID:1002720817Pump Set At:0.5Strait Level:0.5Strait Level:0.5Final Level After Pumping:mRecommended Pump Depth:mPumping Rate:mRecommended Pump Rate:mLevels UOM:mRate UOM:mRate After Test:mPumping Duration HR:mPumping Duration HR:1002720811Hole ID:1002720811Diameter:20				PLASTIC		
Casing Diameter UOM: Casing Depth UOM: m Construction Record - Screen Screen ID: 1002720815 Layer: 1.5 Screen Top Depth: 1.5 Screen Top Depth: 6.1 Screen Top Depth: 6.1 Screen Diameter UOM: S Screen Diameter: UOM: S Screen Diameter: UOM: 002720817 Pump Test ID: 1002720817 Pump Set At: 0.5 Final Level After Pumping: Recommended Pump Rate: 0.5 Final Level After Test Code: m Water State After Test: Code: m Water Stat				1.5		
Casing Depth UOM:       m         Construction Record - Screen         Screen ID:       1002720815         Layer:       Solt:         Solt:       5         Screen Fad Depth:       1.5         Screen Fad Depth:       6.1         Screen Diameter UOM:       5         Screen Diameter UOM:       5         Screen Diameter UOM:       5         Screen Diameter UOM:       5         Screen Diameter:       8         Pump Test ID:       1002720817         Pump Test ID:       0.5         Final Level After Pumping:       0.5         Recommended Pump Depth:       9         Pumping Rate:       1002720817         Pumping Rate:       1002720817         Pumping Rate:       1002720817         Pumping Rate:       1005         Flowing Rate:       1002720817         Pumping Duration HR:       1002720817         Pumping Duration HR:       1002720817         Pumping Duration HR:       1002720811         Diameter:       20					eter:	Casing Diam
Construction Record - Screen         Screen ID:       1002720815         Layer:       5         Store       6.1         Screen Top Depth:       6.1         Screen Material:       6         Screen Diameter/UOM:       m         Screen Diameter/UOM:       m         Screen Diameter/UOM:       Screen Diameter/UOM:         Screen Diameter/UOM:       002720817         Pump Set At:       0.5         Static Level:       0.5         Final Level After Pumping:       Recommended Pump Depth:         Pumps Rate:       n         Recommended Pump Depth:       m         Pumping Rate:       m         Recommended Pump Rate:       m         Results After Test Code:       water State After Test Code:         Water State After Test Code:       water State After Test Code:         Pumping Duration MIN:       Flowing:         Pumping Duration MIN:       Flowing:         Hole ID:       1002720811         Diameter:       20						
Screen ID:1002720815Layer:Sid:Slot:				m	h UOM:	Casing Dept
Layer: Stot:I.5Screen Top Depth:1.5Screen End Depth:6.1Screen Material:Screen DiameterScreen Diameter UOM:mScreen Diameter:Nov2720817Pump Test ID:1002720817Pump Set At:0.5Static Level:0.5Final Level After Pumping:Recommended Pump Depth:Pumping Rate:Flowing Rate:Recommended Pump Rate:Levels:MWater State After Test:Pumping Test Method:Pumping Test Method:Pumping Test Method:Pumping Duration MIN:Flowing:Hole DiameterLoi DD:1002720811Diameter:20					n Record - Screen	Construction
Layer: Stot:1.5Screen Top Depth:6.1Screen Id Depth:6.1Screen Material:				1002720815		Screen ID:
Screen Top Depth:       1.5         Screen Ind Depth:       6.1         Screen Depth UOM:       m         Screen Diameter UOM:       Screen Diameter UOM:         Screen Diameter:       Screen Diameter:         Results of Well Yield Testing       1002720817         Pump Test ID:       1002720817         Pump Set At:       5         Strice Level:       0.5         Final Level After Pumping:       Recommended Pump Depth:         Pumping Rate:       Fiese Screen Plaimeter:         Flowing Rate:       Recommended Pump Rate:         Pumping Test Method:       m         Pumping Duration HR:       Pumping Duration HR:         Pumping Duration MIN:       Flowing:         Hole Diameter:       1002720811         Diameter:       20						
Screen End Depth:       6.1         Screen Material:						
Screen Material:       m         Screen Diameter UOM:       Screen Diameter UOM:         Screen Diameter:       Screen Diameter:         Results of Well Yield Testing       1002720817         Pump Test ID:       1002720817         Pump Set At:       Static Level:         Static Level:       0.5         Final Level After Pumping:       Recommended Pump Depth:         Pumping Rate:       Flowing Rate:         Recommended Pump Rate:       The UOM:         Water State After Test Code:       m         Water State After Test:       Pumping Duration HR:         Pumping Duration HR:       Pumping Duration MIN:         Flowing:       Hole Diameter         Hole ID:       1002720811         Diameter:       20						
Screen Depth UOM:       m         Screen Diameter UOM:       screen Diameter UOM:         Screen Diameter:       screen Diameter:         Results of Well Yield Testing       1002720817         Pump Test ID:       1002720817         Static Level:       0.5         Final Level After Pumping:       screen Diameter         Recommended Pump Depth:       pumping Rate:         Flowing Rate:       m         Recommended Pump Rate:       m         Levels UOM:       m         Rate UOM:       m         Water State After Test Code:       water State After Test:         Pumping Duration HR:       pumping Duration HR:         Pumping Duration MIN:       flowing:         Hole Diameter       1002720811         Diameter:       20				0.1		
Pump Test ID:1002720817Pump Set At:0.5Static Level:0.5Final Level After Pumping:Static Level:Recommended Pump Depth:Static Level:Pumping Rate:Static Level:Recommended Pump Rate:Static Level:Levels UOM:mRate UOM:mWater State After Test Code:Static Level:Water State After Test:Static Level:Pumping Duration HR:Static Level:Pumping Duration MIN:Static Level:Hole Diameter1002720811Diameter:20				m	h UOM: eter UOM:	Screen Depth Screen Diam
Pump Set At:0.5Static Level:0.5Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Rate: Levels UOM:NFlowing Rate: Rate UOM:mRate UOM:mWater State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing:MHole Diameter1002720811 Diameter:Diameter:20					ell Yield Testing	Results of W
Pump Set At:0.5Static Level:0.5Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Rate: Levels UOM:NFlowing Rate: Recommended Pump Rate: Levels UOM:mRate UOM:mRate UOM:MWater State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing:1002720811Hole ID:1002720811Diameter:20				1002720817	D:	Pump Test ID
Static Level:0.5Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Rate: Levels UOM:						
Recommended Pump Depth:       Pumping Rate:         Pumping Rate:       Recommended Pump Rate:         Recommended Pump Rate:       m         Levels UOM:       m         Rate UOM:       m         Water State After Test Code:       Water State After Test:         Pumping Test Method:       Pumping Duration MIN:         Ploe Diameter       1002720811         Diameter:       20				0.5		
Levels UOM:     m       Rate UOM:     m       Water State After Test Code:     water State After Test:       Pumping Test Method:     m       Pumping Duration HR:     m       Pumping Duration MIN:     m       Flowing:     m					ed Pump Depth: te: e:	Recommende Pumping Rat Flowing Rate
Water State After Test:         Pumping Test Method:         Pumping Duration HR:         Pumping Duration MIN:         Flowing:         Hole Diameter         Hole ID:       1002720811         Diameter:       20				m	- -	Levels UOM: Rate UOM:
Hole ID:         1002720811           Diameter:         20					After Test: st Method: ration HR:	Water State A Pumping Tes Pumping Dur Pumping Dur
Hole ID:         1002720811           Diameter:         20					<u>er</u>	Hole Diamete
Diameter: 20				1000700000		
				20		
Depth To: 6.1				6.1		
Hole Depth UOM: m					IOM:	Hole Depth U
Hole Diameter UOM: cm				cm	er UOM:	Hole Diamete

# Bore Hole Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Bore Hole ID: DP2BR: Spatial Status: Code OB:	100272	20800		Elevation: Elevrc: Zone: East83:	88.960906 18 464577	
Code OB. Code OB Desc				North83:	5035229	
Open Hole:	•			Org CS:	UTM83	
Cluster Kind:	This is	a record from cluster lo	og sheet	UTMRC:	3	
Date Complete Remarks:				UTMRC Desc: Location Method:	margin of error : 10 - 30 m wwr	
Elevrc Desc:	na Datas					
	ocation Source: ocation Method:					
Supplier Comn	nent:					
Annular Space Sealing Record	/Abandonment_ d					
Plug ID: Layer:		1002720804				
Plug From:						
Plug To:						
Plug Depth UC	<i></i>					
<u>Method of Con</u> <u>Use</u>	struction & Well					
Method Constr						
Method Constr						
Method Constr Other Method		Air Precussion				
Pipe Informatio	<u>on</u>					
Pipe ID:		1002720805				
Casing No:		0				
<i>Comment: Alt Name:</i>						
Construction F	Record - Casing					
Casing ID: Layer:		1002720807				
<i>Material: Open Hole or I Depth From:</i>	Material:	5 PLASTIC				
Depth To:		1.5				
Casing Diamet Casing Diamet						
Casing Depth		m				
Construction F	Record - Screen					
Screen ID:		1002720806				
Layer:						
Slot:						
Screen Top De		1.5				
Screen End De Screen Materia		6.1				
Screen Depth		m				

Screen Diameter UOM: Screen Diameter:

# Results of Well Yield Testing

Pump Test ID:	1002720808
Pump Set At:	
Static Level:	0.8
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	
-	

#### Hole Diameter

Hole ID: Diameter:	1002720802 20
Depth From:	
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	1002720818	Elevation: Elevrc: Zone:	88.409446
Spatial Status: Code OB:		East83:	18 464611
Code OB Desc:		North83:	5035339
Open Hole:		Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet	UTMRC:	3
Date Completed:	9/2/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date. Improvement Location Improvement Location Source Revision Com	n Source: n Method:		

## <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:

Supplier Comment:

1002720822

#### Method of Construction & Well Use

Method Construction ID:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Method Const	truction Code:				
Method Const					
Other Method	Construction:	Air Precussion			
Pipe Informat	ion				
Pipe ID:		1002720823			
Casing No:		0			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		1002720825			
Layer:					
Material:		5			
Open Hole or	Material:	PLASTIC			
Depth From:		1.5			
Depth To: Casing Diame	tor:	1.5			
Casing Diame					
Casing Depth		m			
Construction	<u>Record - Screen</u>				
Screen ID:		1002720824			
Layer:					
Slot:					
Screen Top D		1.5			
Screen End D		6.1			
Screen Materi					
Screen Depth		m			
Screen Diame Screen Diame					
Results of We	ell Yield Testing				
Pump Test ID.		1002720826			
Pump Set At:	-				
Static Level:		1.4			
Final Level Af					
	ed Pump Depth:				
Pumping Rate					
Flowing Rate:	d Pump Rate:				
Levels UOM:	u Fullip Rale.	m			
Rate UOM:					
	fter Test Code:				
Water State A					
Pumping Test					
Pumping Dura	ation HR:				
Pumping Dura	ation MIN:				
Flowing:					
Hole Diameter	<u>r</u>				
Hole ID:		1002720820			
Diameter:		20			
Depth From:					
Depth To:		6.1			
Hole Depth U Hole Diameter		m			
nole Diameter	r 00M:	cm			

# Bore Hole Information

Elevation:         Elevrc:         Zone:       18         East83:       464554         North83:       5635320         Org CS:       UTM83         UTMRC:       9         UTMRC Desc:       unknown UTM         Location Method:       wwr

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

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

Formation ID: Layer:	1002720791 2
Color:	2
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Other Materials:	SILTY
Mat3:	
Other Materials:	
Formation Top Depth:	0.5
Formation End Depth:	6.1
Formation End Depth UOM:	m

#### Overburden and Bedrock Materials Interval

	4000700700
Formation ID:	1002720790
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	61
Other Materials:	CLAYEY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.5
Formation End Depth UOM:	m

#### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1002720793
Layer:	1
Plug From:	0
Plug To:	1.2
Plug Depth UOM:	m

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site DE	3
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Constru Method Constru Method Constru Other Method C	uction Code: uction:	5 Air Percussion			
Pipe Informatio	<u>n</u>				
Pipe ID: Casing No: Comment: Alt Name:		1002720788 0			
Construction R	ecord - Casing				
Casing ID: Layer: Material: Open Hole or M Depth From: Depth To: Casing Diamete Casing Diamete Casing Depth U	er: er UOM: IOM:	1002720794 1 5 PLASTIC 0 1.5 5.1 cm m			
Construction R	<u>ecord - Screen</u>				

Screen ID:	1002720795
Layer:	1
Slot:	10
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	5.8

# Results of Well Yield Testing

Pump Test ID:	1002720789
Pump Set At: Static Level:	1.2
Final Level After Pumping: Recommended Pump Depth:	
Pumping Rate: Flowing Rate:	
Recommended Pump Rate: Levels UOM:	m
Rate UOM: Water State After Test Code:	0
Water State After Test: Pumping Test Method:	0
Pumping Duration HR: Pumping Duration MIN:	
Flowing:	

# Hole Diameter

Hole ID:	1002720792
Diameter:	20

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	
Depth From:			0			
Depth To:			6.1			
Hole Depth U			m			
Hole Diamete	er UOM:		cm			
<u>12</u>	1 of 1		NE/63.4	86.9 / 0.00	0//	W
					Ottawa ON	
Well ID:		7143199			Data Entry Status:	
Construction					Data Src:	1/0/0010
Primary Wate					Date Received:	4/6/2010 Yes
Sec. Water U Final Well Sta		Abandon	ed-Other		Selected Flag: Abandonment Rec:	Yes
Water Type:	ulus.	/ ibuildon			Contractor:	1844
Casing Mater	rial:				Form Version:	7
Audit No:		Z81107			Owner:	
Tag:		A068593	3		Street Name:	TRIM RD @ INNES RD
Construction					County:	OTTAWA-CARLETON
Elevation (m)					Municipality:	OTTAWA CITY
Elevation Re Depth to Beo					Site Info: Lot:	
Well Depth:					Concession:	
Overburden/	Bedrock:				Concession Name:	
Pump Rate:					Easting NAD83:	
Static Water					Northing NAD83:	
Flowing (Y/N	):				Zone:	
Flow Rate: Clear/Cloudy	<i>'</i> :				UTM Reliability:	
Bore Hole Ini	formation					
Bore Hole ID DP2BR:	:	1002957	180		Elevation: Elevrc:	88.661338
Spatial Statu	s:				Zone:	18
Code OB:					East83:	464551
Code OB Des	sc:				North83:	5035319
Open Hole:	_				Org CS:	UTM83 4
Cluster Kind. Date Comple		3/9/2010			UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m
Remarks:	icu.	0/0/2010			Location Method:	wwr
Elevrc Desc:						
Location Sou	urce Date:					
Improvemen						
Improvement						
Source Revis Supplier Con		ient:				
<u>Annular Spaces Sealing Reco</u>		nment_				
-	<u>// U</u>		4000007000			
Plug ID:			1003097892 1			
Layer: Plug From:			0			
Plug To:			6.1			
Plug Depth U	IOM:		m			
Pipe Informa	<u>tion</u>					
Pipe ID:			1003097889			
Casing No:			0			
Comment:						
Alt Name:						

# Construction Record - Casing

Casing ID:	1003097894
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

# Construction Record - Screen

Screen ID:	1003097895
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

#### Hole Diameter

Hole ID:	1003097891	
Diameter:	20	
Depth From:	0	
Depth To:	4.1	
Hole Depth UOM:	m	
Hole Diameter UOM:	cm	

<u>13</u>	1 of 1	NE/66.6	86.9 / 0.00	OTTAWA ON		WWIS
Elevation ( Elevation F Depth to B Well Depth Overburde Pump Rate Static Wate Flowing (Y Flow Rate: Clear/Clour	ater Use: Use: Status: e: terial: m): Reliability: edrock: : n/Bedrock: : pr Level: /N): dy:	7132442 Monitoring Observation Wells Z81085 A068593		Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	10/23/2009 Yes 1844 7 TRIM RD. @ INNES RD. OTTAWA-CARLETON OTTAWA CITY	
Bore Hole	I <u>nformation</u> ID:	1002756990		Elevation:	88.63282	

Elevrc:

DP2BR:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Spatial Status:	:			Zone:	18	
Code OB:				East83:	464554	
Code OB Desc				North83:	5035320	
					UTM83	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 9/2/2008			UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sour	co Dato:					
	Location Source:					
	Location Method:					
Source Revisio						
Supplier Com	ment:					
<u>Overburden ar</u> Materials Inter						
Formation ID:		1002962294				
Layer:		1				
Color:		6				
General Color:	•	BROWN				
Mat1:		06				
Maci. Most Common	Matarial	SILT				
	i wateriai:					
Mat2:		05				
Other Material	s:	CLAY				
Mat3:		91				
Other Materials	s:	WATER-BEARING				
Formation Top	Depth:	0				
Formation End		0.5				
Formation End		m				
Overburden ar						
N						
Materials Inter	<u>val</u>					
	<u>val</u>	1002962295				
Formation ID:	<u>val</u>	1002962295 2				
Formation ID: Layer:	<u>val</u>	2				
Formation ID: Layer: Color:		2 4				
Formation ID: Layer: Color: General Color:		2 4 GREEN				
Formation ID: Layer: Color: General Color: Mat1:	:	2 4 GREEN 05				
Formation ID: Layer: Color: General Color: Mat1: Most Common	:	2 4 GREEN 05 CLAY				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	: n Material:	2 4 GREEN 05 CLAY 84				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	: n Material:	2 4 GREEN 05 CLAY				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material:	: n Material:	2 4 GREEN 05 CLAY 84				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3:	: n Material: s:	2 4 GREEN 05 CLAY 84				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material:	: Material: s: s:	2 4 GREEN 05 CLAY 84 SILTY				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Other Material: Formation Top	: n Material: s: s: o Depth:	2 4 GREEN 05 CLAY 84 SILTY 0.5				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation Top Formation End	: n Material: s: s: Depth: d Depth:	2 4 GREEN 05 CLAY 84 SILTY				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Formation End	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Overburden ar Materials Inter Formation ID:	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Coverburden an <u>Materials Inter</u> Formation ID: Layer:	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Formation ID: Layer: Color:	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock val	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Formation ID: Layer: Color:	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock val	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color:	: n Material: s: o Depth: d Depth: d Depth UOM: nd Bedrock val	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Formation Top Formation End Formation End Formation End Formation ID: Color: Color: General Color: Mat1:	: s: b Depth: d Depth: d Depth UOM: d Bedrock val	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Formation Top Formation End Formation End Formation End Formation ID: Color: Layer: Color: General Color: Mat1: Most Common	: s: b Depth: d Depth: d Depth UOM: d Bedrock val	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Formation Top Formation End Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	: Material: s: Depth: Depth: Depth: Depth UOM: <u>d Bedrock</u> <u>val</u>	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Formation End Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Materials	: Material: s: Depth: Depth: Depth: Depth UOM: <u>d Bedrock</u> <u>val</u>	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Other Material: Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3:	: Material: s: Depth: Depth: Depth: Depth UOM: <u>d Bedrock</u> <u>val</u> Material: s:	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Overburden an Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material:	: Material: s: Depth: Depth: Depth UOM: Depth UOM: <u>nd Bedrock</u> <u>val</u> Material: s:	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material: Formation End Formation End Formation End Overburden an Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3: Other Material:	: Material: s: Depth: Depth: Depth UOM: Depth UOM: <u>nd Bedrock</u> <u>val</u> Material: s:	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				
Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Other Material: Formation End Formation End Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Other Material: Mat3:	: Material: s: Depth: Depth: Depth: Depth UOM: <u>nd Bedrock</u> <u>val</u> Material: s: Depth:	2 4 GREEN 05 CLAY 84 SILTY 0.5 6.1 m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Er	nd Depth UOM:	m			
<u>Annular Spac</u> <u>Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1002962298			
Layer:		1			
Plug From:		0			
Plug To:		1.2			
Plug Depth U	OM:	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons					
	truction Code:	5			
Method Cons		Air Percussion			
Other Method	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1002962293			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		1002962300			
Layer:		1			
Material:		5			
Open Hole or	Material:	PLASTIC			
Depth From:		0			
Depth To:	- 4	<b>F</b> 4			
Casing Diam		5.1			
Casing Diam	eter UOM:	cm			
Casing Depth		m			
<u>Construction</u>	Record - Screen				
Screen ID:		1002962301			
Layer:		1			
Slot:		10			
Screen Top L	Depth:	1.5			
Screen End L		6			
Screen Mater		5			
Screen Depth		m			
Screen Diam		cm			
Screen Diam	eter:	5.8			
Hole Diamete	<u>er</u>				
Hole ID:		1002962297			
Diameter:		20			
Depth From:		0			
Depth To:		6.1			
Hole Depth U		m			
	er UOM:	cm			

Map Key	Numbe Record		Elev/Diff ) (m)	Site		Ľ
<u>14</u>	1 of 1	ESE/66.9	87.9 / 1.00	Ottawa ON		SP
Ref No:		2361-B36P6R		Discharger Report:		
Site No:		NA		Material Group:		
ncident Dt:		2018/07/30		Health/Env Conseg:	2 - Minor Environment	
fear:				Client Type:		
ncident Caus				Sector Type:	Miscellaneous Communal	
ncident Ever		Leak/Break		Agency Involved:		
Contaminant				Nearest Watercourse:		
Contaminant Contaminant		DIESEL FUEL		Site Address: Site District Office:	Ottawa	
Contam Limit				Site Postal Code:	Ollawa	
Contaminant	•	1202		Site Region:	Eastern	
Environment				Site Municipality:	Ottawa	
Vature of Imp	act:			Site Lot:		
Receiving Me				Site Conc:		
Receiving En		Land		Northing:	5035140.52	
MOE Respon		No		Easting:	464578.9	
Dt MOE Arvi ( MOE Reporte		2018/07/30		Site Geo Ref Accu: Site Map Datum:		
Dt Document		2018/07/31		SAC Action Class:	Land Spills	
ncident Reas		Equipment Failure		Source Type:	Other	
Site Name:		2035 Trim Road<	UNOFFICIAL>	·····/////////////////////////////////		
Site County/E	District:					
Site Geo Ref						
ncident Sum	•	Ottawa 5 L of die 5 L	sel to cb/parking lot			
Contaminant	Qly.	5 2				
<u>15</u>	1 of 1	E/67.2	87.9 / 1.00	ON		wn
Well ID:		7221029		Data Entry Status:		
Construction	Date:			Data Src:		
Primary Wate		Monitoring and Test Hole		Date Received:	5/30/2014	
Sec. Water U	se:	0		Selected Flag:	Yes	
Final Well Sta	atus:	Observation Wells		Abandonment Rec:		
Nater Type:				Contractor:	7241	
Casing Mater	ial:	7402470		Form Version:	7	
Audit No: Fag:		Z183170 A156302		Owner: Street Name:	2035 TRIM RD	
ay. Construction	Method.	A130302		County:	OTTAWA-CARLETON	
Elevation (m)				Municipality:	CUMBERLAND TOWNSHIP	
Elevation Rel				Site Info:		
Depth to Bed	rock:			Lot:		
Nell Depth:				Concession:		
Overburden/E	Bedrock:			Concession Name:		
Pump Rate:	l aval			Easting NAD83:		
Static Water I Flowing (Y/N)				Northing NAD83: Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy	:			o nii Kenabinty.		
Bore Hole Inf	ormation					
Bore Hole ID:		1004791081		Elevation:	88.869606	
				Elevrc:	10	
DP2BR:	s:			Zone:	18	
Spatial Status				East83:	464595	
Spatial Status Code OB:				North92		
Spatial Status Code OB: Code OB Des	sc:			North83: Ora CS:	5035196 UTM83	
				North83: Org CS: UTMRC:	5035196 UTM83 4	

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Order No: 20190802189

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou	ırce Date:					
Improvement	t Location Source:					
Improvement	t Location Method:					
Source Revis	sion Comment:					
Supplier Con	nment:					
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID	)-	1005167072				
Layer:	•	1				
Color:		2				
General Colo	Nr.	GREY				
Mat1:	<i>n</i> .	ONLI				
Most Commo	n Matariali					
Mat2:	ni malenai.	11				
Matz: Other Materia		GRAVEL				
	ais:					
Mat3:	-1-	73				
Other Materia		HARD				
Formation To	op Depth:	0				
Formation E		0.31				
Formation Ei	nd Depth UOM:	m				
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID	):	1005167073				
Layer:		2				
Color:		2				
General Colo	or:	GREY				
Mat1:		05				
Most Commo	on Material:	CLAY				
Mat2:						
Other Materia	als					
Mat3:		85				
Other Materia	ale	SOFT				
Formation To		0.31				
Formation E		4.57				
		4.57 m				
FORMALION EI	nd Depth UOM:	111				
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord					
Plug ID:		1005167081				
Layer:		1				
Layer: Plug From:		0				
Plug From: Plug To:		0.31				
Plug Depth U	IOM:	m				
<u>Annular Spaces Sealing Recc</u>	ce/Abandonment ord					
Plug ID:		1005167082				
Layer:		2				
Plug From:		0.31				
Plug To:		1.22				
Plug Depth U	IOM:	m				
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005167083 3 1.22 4.57 m				
<u>Method of Co Use</u>	onstruction & We	<u></u>				
Method Cons	struction Code:	D Direct Push				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1005167071 0				
<u>Construction</u>	Record - Casing	1				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Depth Casing Depth	eter: eter UOM:	1005167076 1 5 PLASTIC 0 1.6 4.03 cm m				
<u>Construction</u>	Record - Screen	<u>1</u>				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Matei Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:	1005167077 1 10 1.6 4.57 5 m cm 4.82				
Hole Diamete	e <u>r</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM:	1005167074 8.25 0 4.57 m cm				
<u>16</u>	1 of 1	NNE/69.8	86.9 / 0.00	OTTAWA ON		wwis
Well ID: Construction Primary Wate		)448 itoring and Test Hole		Data Entry Status: Data Src: Date Received:	4/16/2013	

Well ID: **Construction Date:** Primary Water Use:

7200448 Monitoring and Test Hole

4/16/2013

Date Received:

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~ ~ ~	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		L
Sec. Water Use:				Selected Flag:	Yes	
Final Well Status	s: Mon	itoring and Test Hole		Abandonment Rec:		
Water Type:		-		Contractor:	7241	
Casing Material:				Form Version:	7	
Audit No:		2767		Owner:	•	
	-	5390		•		
Tag:		5390		Street Name:	1985 TRIM RD	
Construction Me	ethod:			County:	OTTAWA-CARLETON	
Elevation (m):				Municipality:	CUMBERLAND TOWNSHIP	
Elevation Reliabi	ility:			Site Info:		
Depth to Bedroc	k:			Lot:		
Vell Depth:				Concession:		
Overburden/Bed	Irock:			Concession Name:		
	IOCK.					
Pump Rate:				Easting NAD83:		
Static Water Lev	el:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
Bore Hole Inform	nation					
Bore Hole ID:	1004	4275486		Elevation:	88.954299	
DP2BR:	100-			Elevrc:		
					10	
Spatial Status:				Zone:	18	
Code OB:				East83:	464483	
Code OB Desc:				North83:	5035381	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Completed:	· 3/22	2/2013		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:	. 0, 22			Location Method:	wwr	
Elevrc Desc:				Eocation method.	00 001	
Location Source Improvement Lou Improvement Lou	cation Sourc cation Metho					
mprovement Loo mprovement Loo Source Revision Supplier Comme	cation Sourc cation Metho Comment: ent:					
mprovement Loo mprovement Loo Source Revision Supplier Comme Overburden and	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>					
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> Materials Interva	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>	nd: 1004828620				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>	od:				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: .ayer:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>	nd: 1004828620				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: Layer: Color:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>	1004828620 2 2				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: Layer: Color: General Color:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u>	1004828620 2 2 GREY				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: ayer: Color: General Color: Mat1:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: Seneral Color: Mat1: Most Common M	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05 CLAY				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: Seneral Color: Mat1: Most Common M Mat2:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05 CLAY 85				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: Seneral Color: Mat1: Most Common M Mat2:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05 CLAY				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: Color: General Color: Mat1: Most Common M Mat2: Dther Materials:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05 CLAY 85				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: General Color: General Color: Mat1: Most Common M Mat2: Dther Materials: Mat3:	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>I</u>	1004828620 2 2 GREY 05 CLAY 85				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Dther Materials: Mat3: Dther Materials:	cation Sourc cation Metho Comment: Cont: <u>Bedrock</u> <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: ayer: Color: General Color: Mat1: Mat2: Other Materials: Tother Materials: Tother Materials: Tormation Top D	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>Bedrock</u> <u>I</u> Aaterial:	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Mat2: Other Materials: Mat3: Other Materials: Formation Top D Formation End D	cation Sourc cation Metho Comment: ent: <u>Bedrock</u> <u>Bedrock</u> <u>I</u> Aaterial: Depth: Depth:	1004828620 2 2 GREY 05 CLAY 85 SOFT				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Dverburden and</u> <u>Materials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Diher Materials: Formation Top D Formation End D Formation End D Coverburden and	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66				
mprovement Loo mprovement Loo Source Revision	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Dverburden and</u> <u>Materials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Diher Materials: Formation Top D Formation End D Formation End D Coverburden and	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Dverburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Dither Materials: Tormation Top D Formation End D Formation End D Coverburden and Materials Interva Formation ID:	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Dverburden and</u> <u>Materials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Dither Materials: Tother Materials: Tother Materials: Tother Materials: Formation End D Formation End D Coverburden and Materials Interva Formation ID: .ayer:	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Dverburden and</u> <u>Materials Interva</u> Formation ID: .ayer: Color: General Color: Mat1: Most Common M Mat2: Dther Materials: Tother Materials: Tother Materials: Tother Materials: Tormation End D Formation End D Coverburden and Materials Interva Formation ID: .ayer: Color:	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m 1004828619 1 6				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: General Color: Mat2: Dither Materials: Tother Materials: Tother Materials: Tormation End D Formation End D Formation End D Formation End D Formation ID: Color: Color: General Color:	cation Sourc cation Metho Comment: Ent: <u>Bedrock</u> <u>I</u> Material: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m 1004828619 1 6 BROWN				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Dither Materials: Mat2: Dither Materials: Tormation Top D Formation End D Formation End D Formation End D Formation End D Formation ID: Layer: Color: General Color: Mat1:	cation Sourc cation Metho Comment: Ent: Bedrock d laterial: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m 1004828619 1 6 BROWN 11				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: Layer: Color: General Color: Mat1: Most Common M Mat2: Dither Materials: Tormation End D Formation End D Formation End D Formation End D Formation ID: Layer: Color: General Color: Mat1: Most Common M	cation Sourc cation Metho Comment: Ent: Bedrock d laterial: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m 1004828619 1 6 BROWN 11 GRAVEL				
mprovement Loo mprovement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Aaterials Interva</u> Formation ID: .ayer: Color: General Color: Mat2: Dither Materials: Tother Materials: Tother Materials: Tormation End D Formation End D Formation End D Formation End D Formation ID: Color: Color: General Color:	cation Sourc cation Metho Comment: Ent: Bedrock d laterial: Depth: Depth: Depth UOM: <u>Bedrock</u>	1004828620 2 2 GREY 05 CLAY 85 SOFT 1.22 3.66 m 1004828619 1 6 BROWN 11				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materia	als:	SAND			
Mat3: Other Materia	aler	85 SOFT			
Formation To		0			
Formation Er	nd Depth:	1.22			
Formation Er	nd Depth UOM:	m			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	):	1004828621			
Layer:		3			
Color:		2			
General Colo Mat1:	or:	GREY 05			
Most Commo	on Material:	CLAY			
Mat2:		85			
Other Materia	als:	SOFT			
Mat3:					
Other Materia Formation To		WATER-BEARING 3.66			
Formation E		5.49			
Formation Er	nd Depth UOM:	m			
<u>Annular Spaces Sealing Recc</u>	ce/Abandonment ord				
Plug ID:		1004828632			
Layer:		3			
Plug From:		2.13			
Plug To:		5.49			
Plug Depth U	IOM:	m			
<u>Annular Spaces Sealing Recc</u>	ce/Abandonment ord				
Plug ID:		1004828630			
Layer:		1			
Plug From:		0			
Plug To: Plug Dopth L	IOM-	0.31			
Plug Depth U		m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004828631			
Layer:		2			
Plug From:		0.31			
Plug To: Plug Depth U	IOM·	2.13 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		0			
Method Cons Method Cons	struction Code:	D Direct Push			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pipe ID:		1004828618				
Casing No: Comment:		0				
Alt Name:						
<u>Construction</u>	Record - Casir	g				
Casing ID:		1004828625				
Layer: Material:		1 5				
Open Hole or	Material	PLASTIC				
Depth From:	material.	0				
Depth To:		2.44				
Casing Diame	eter:	4.03				
Casing Diame	ter UOM:	cm				
Casing Depth	UOM:	m				
<b>Construction</b>	Record - Scree	<u>en</u>				
Screen ID:		1004828626				
Layer:		1				
Slot:		10				
Screen Top D		2.44				
Screen End D		5.49				
Screen Materi		5				
Screen Depth Screen Diame		m cm				
Screen Diame		4.82				
Hole Diameter	r					
Hole ID:		1004828622				
Diameter:		20.32				
Depth From:		0				
Depth To:		1.83				
Hole Depth U		m				
Hole Diamete	r UOM:	cm				
<u>Hole Diameter</u>	r					
Hole ID:		1004828623				
Diameter:		8.25				
Depth From:		1.83				
Depth To:		5.49				
Hole Depth U Hole Diamete		m cm				
<u>17</u>	1 of 1	E/70.7	87.9 / 1.00	ON		wwis
Well ID:	701	21028		Data Entry Status:		
Construction				Data Src:		
Primary Wate Sec. Water Us	<b>r Use:</b> Mo	nitoring and Test Hole		Date Received: Selected Flag:	5/30/2014 Yes	
Final Well Sta		servation Wells		Abandonment Rec:		
Water Type: Casing Mater				Contractor: Form Version:	7241 7	
Audit No:		78049		Owner:		
Tag:		56169		Street Name:	2035 TRIM RD	
Construction	Method:			County:	OTTAWA-CARLETON	
Elevation (m):				Municipality:	CUMBERLAND TOWNSHIP	

orig

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bedr Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	Bedrock: .evel: :			Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Infe	ormation					
Improvement	c: ed: 4/3/2014 rce Date: Location Source: Location Method: ion Comment:	78		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.87265 18 464598 5035199 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Materia Mat3: Other Materia Formation To	r: n Material: ls: ls: p Depth:	1005167045 1 2 GREY 11 GRAVEL 73 HARD 0				
Formation En Formation En		0.31 m				
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	r: n Material: ls: ls:	1005167046 2 2 GREY 05 CLAY 85 SOFT				
Formation To Formation En Formation En	d Depth:	0.31 4.57 m				
<u>Annular Spac</u>	e/Abandonment					
64	erisinfo.com   Enviro	nmental Risk Info	rmation Service	95	Order No: 20190	802189

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sealing Reco	ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1005167054 1 0 0.31 m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1005167055 2 0.31 1.22 m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	JOM:	1005167056 3 1.22 4.57 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	D Direct Push			
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005167044 0			
<u>Constructior</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM:	1005167049 1 5 PLASTIC 0 1.6 4.03 cm m			
<u>Construction</u>	<u>ı Record - Screen</u>				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate	Depth:	1005167050 1 10 1.6 4.57 5			

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Screen Depth			m				
Screen Diame			cm				
Screen Diame	eter:		4.82				
Hole Diamete	<u>er</u>						
Hole ID:			1005167047				
Diameter:			8.25				
Depth From:			0				
Depth To:			4.57				
Hole Depth U Hole Diamete			m cm				
			CITI				
<u>18</u>	1 of 1		ENE/78.9	86.9 / 0.00	Imperial Oil Limited No municpal address. ON		RSC
RSC ID:		61717			Cert Date:	18-Sep-08	
RA No:					Cert Prop Use No:	No CPU	
RSC Type:					Intended Prop Use:	Commercial	
Curr Property		Agricultu			Qual Person Name:	Ed Charlton	
Ministry Distr	rict:	OTTAWA 11-Feb-1			Stratified (Y/N):		
Filing Date: Date Ack:		II-Feb-I	0		Audit (Y/N): Entire Leg Prop. (Y/N):	Yes	
Date Returned	d:				Accuracy Estimate:	21 to 100 meters	
Restoration T					Telephone:	416-4417389	
Soil Type:					Fax:	416-4417400	
Criteria:					Email:	ed.m.charlton@esso.ca	
CPU Issued S	Sect	No					
1686: Asmt Roll No.			6.145E+17				
Prop ID No:	•		14525-0825 LT				
		ress:		ess.			
Property Mun Mailing Addre	nicipal Addı ess:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR	, TORONTO, ON,			
Property Mun Mailing Addre Latitude & La	nicipal Addı ess: atitude:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75.	, TORONTO, ON, 45321740W (conv			
Property Mun Mailing Addre Latitude & La UTM Coordina	nicipal Addı ess: atitude:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR	, TORONTO, ON, 45321740W (conv			
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant:	nicipal Addı ess: atitude: ates:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75.	, TORONTO, ON, 45321740W (conv			
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Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement	nicipal Addı ess: atitude: ates: t Method:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Con	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard,	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat	er, Medium/Fine Textured Soil, for	
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St	nicipal Addı ess: atitude: ates: t Method:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard,	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat	er, Medium/Fine Textured Soil, for	
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF:	nicipal Addı ess: atitude: ates: t Method: tandards:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Con Industrial/Commer	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat	er, Medium/Fine Textured Soil, for	
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St	nicipal Addı ess: atitude: ates: t Method:	ress:	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Con	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard,	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat	er, Medium/Fine Textured Soil, for	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: <u>19</u>	nicipal Addı ess: atitude: ates: t Method: tandards:	ress: 7200449	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Coi Industrial/Commer	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat operty use <b>OTTAWA ON</b>	er, Medium/Fine Textured Soil, for	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: <u>19</u> Well ID:	nicipal Addi ess: atitude: ates: t Method: t Method: andards: 1 of 1		14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Coi Industrial/Commer	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat operty use	er, Medium/Fine Textured Soil, for	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: <u>19</u> Well ID: Construction Primary Wate	nicipal Addi ess: atitude: ates: ates: t Method: andards: 1 of 1 Date: er Use:	7200449	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Coi Industrial/Commer	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat operty use OTTAWA ON Data Entry Status: Data Src: Data Received:	4/16/2013	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: <u>19</u> Well ID: Construction Primary Wate Sec. Water Us	nicipal Addi ess: atitude: ates: ates: t Method: andards: 1 of 1 Date: or Use: se:	7200449 Monitorin	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Cor Industrial/Commer <i>NNE/83.1</i>	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat pperty use OTTAWA ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag:		wwis
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta	nicipal Addi ess: atitude: ates: ates: t Method: andards: 1 of 1 Date: or Use: se:	7200449 Monitorin	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Co Industrial/Commer	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat perty use OTTAWA ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec:	4/16/2013 Yes	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: 19 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type:	nicipal Addi ess: atitude: ates: t Method: tandards: 1 of 1 Date: rr Use: se: atus:	7200449 Monitorin	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Cor Industrial/Commer <i>NNE/83.1</i>	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat pperty use OTTAWA ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag:	4/16/2013	wwis
Property Mun Mailing Addre Latitude & La UTM Coordina Consultant: Filing Owner: Legal Desc: Measurement Applicable St RSC PDF: 19 Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater	nicipal Addi ess: atitude: ates: t Method: tandards: 1 of 1 Date: rr Use: se: atus:	7200449 Monitorin	14525-0825 LT No municpal addre 90 WYNFORD DR 45.47034660N 75. NAD83 18-464573 Part Lot 1 Concess Interpolation from a Full Depth Site Con Industrial/Commer <i>NNE/83.1</i> ng and Test Hole	, TORONTO, ON, 45321740W (conv -5035302 sion 8, Part 1 Plan a map nditions Standard, cial/Community pro	erted from UTM) 4R12824; Cumberland with Nonpotable Ground Wat operty use OTTAWA ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	4/16/2013 Yes 7241	wwis
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	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy:	el:			Northing NAD83: Zone: UTM Reliability:		
Bore Hole Inforn	nation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed. Remarks: Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme	Date: cation Source: cation Method: Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.345634 18 464495 5035394 UTM83 4 margin of error : 30 m - 100 m wwr	
Overburden and Materials Interva						
Formation ID: Layer: Color:		1004828635 2 2				
General Color: Mat1: Most Common N Mat2: Other Materials: Mat3:		GREY 05 CLAY				
Other Materials: Formation Top L Formation End L Formation End L	Depth: Depth:	1.83 4.57 m				
Overburden and Materials Interva						
Formation ID: Layer: Color: General Color: Mat1: Most Common N	laterial:	1004828634 1 6 BROWN 01 FILL				
Mat2: Other Materials: Mat3: Other Materials: Formation Top L Formation End L	Depth: Depth:	0 1.83				
Formation End L <u>Overburden and</u> <u>Materials Interva</u>	Bedrock	m				
Formation ID: Layer:		1004828636 3				
67 <u>eri</u>	sinfo.com   Envi	ronmental Risk Info	rmation Servic		Order No: 20190	00210

Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
r: n Material:	2 GREY 05 CLAY				
ıls:					
	4.57				
d Depth: d Depth UOM:	6.1 m				
e/Abandonment_ rd					
	1004828645				
	2				
	2.74				
OM-					
Om.					
e/Abandonment rd					
	1004828644				
	1				
ОМ:	m				
e/Abandonment rd					
	1004828646				
	3				
ОМ:	m				
nstruction & Well					
truction ID: truction Code: truction: I Construction:	D Direct Push				
ion					
	1004828633				
	0				
Record - Casina					
<b>_</b>	1004939630				
	5				
Material:	PLASTIC 0				
	Records   r:   n Material:   ls:   ls:   p Depth:   d Depth UOM:   d Depth UOM:   e/Abandonment   rd   OM:   e/Abandonment   rd   OM: Extended Extende	RecordsDistance (m)r:2 GREY 05 CLAYn Material:2 GREY 05 CLAYls:4.57 6.1 mls:4.57 6.1 md Depth:6.1 md Depth:2 2.74 0.31 me/Abandonment rd1004828645 2 2.74 0.31 me/Abandonment rd1004828644 1 6.1 2.74 moM:1004828644 3 0.31 me/Abandonment rd1004828644 3 0.31 moM:1004828646 3 0.31 0 mmstruction & Well ruction:D Direct Pushtruction ID: truction:D Direct Pushion1004828633 0Record - Casing1004828633 1 5 PLASTIC	Records         Distance (m) (m)           r:         2 GREY 05 n Material:         2 CLAY           is:	Records         Distance (m)         (m)           r:         2 GREY 05 n Material:         2 CLAY           is:	Records         Distance (m) (m)           r:         2           GEP         05           n Material:         CLAY           fs:         61           fs:         74           fs:

Мар Кеу	Number Record		Elev/Diff n) (m)	Site		DE
Depth To: Casing Diame Casing Diame Casing Depth	ter UOM:	3.1 3.45 cm m				
Construction I	Record - S	Screen				
Screen ID: Layer: Slot: Screen Top De Screen End De Screen Materia Screen Diame Screen Diame Screen Diame	epth: al: UOM: ter UOM:	1004828640 1 10 3.1 6.1 5 m cm 4.21				
Hole Diameter		7.2 1				
Hole ID: Diameter: Depth From: Depth To: Hole Depth UC Hole Diameter		1004828637 8.25 0 6.1 m cm				
<u>20</u>	1 of 1	NNE/85.7	85.9 / -1.00	OTTAWA ON		wwi
Well ID: Construction I Primary Water Sec. Water Us Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation Relia Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	r Use: e: tus: al: Method: ability: ock: edrock: evel:	7200446 Monitoring and Test Hole Monitoring and Test Hole Z152770 A145392		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	4/16/2013 Yes 7241 7 1985 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole:		1004275480		Elevation: Elevrc: Zone: East83: North83: Org CS:	88.237281 18 464505 5035395 UTM83	
Cluster Kind: Date Complete	ed:	3/27/2013		UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	

3/27/2013

margin of error : 30 m - 100 m wwr

UTMRC Desc:

Location Method:

69

Remarks: Elevrc Desc:

Date Completed:

Joacian Source Date: Improvement Location Method: Source Rovision Comment: Supplier Comment: Supplier Comment: Directuation and Badrock. Materials Interval Earner: 2 General Color: 2 General Color: 3 General Color: 3 General Color: 3 General Color: 4 General Color: 4 Materials Interval Formation Top Dept: 4 Formation Top Dept: 4 General Color: 4 Control Methods: Materials Interval Formation Top Dept: 4 General Color: 4 Formation Top Dept: 4 Formation Top Dept: 4 Formation Top Dept: 4 Formation Top Dept: 4 Formation Find Dept: 4 Formation Top Dept: 4 Formation Find Dept: 4 Formation Top Dept: 4 Formation Top Dept: 4 Formation Find Dept: 4 Formation Top Dept: 4 Formation Find Dept: 4 F	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Interval         0004528591           Layer:         2           Color:         2           Color:         2           Color:         0           General Color:         0           General Color:         0           General Color:         0           General Color:         0           Matt:         0Lv           Matt:         0Lv           Otheritals:	Improvement Improvement Source Revisi	Location Source: Location Method: ion Comment:				
Layer:2Color:2General Color:GREYMatt:05Most Common Material:CLAYMatz:						
Color:         2           General Color:         GREY           Matt:         05           Most: Common Materials:         CLAY           Matz:         0           Pormation Top Depth:         1.8.3           Formation End Depth UOM:         m           Overburden and Bedrock.         4.27           Formation ID:         1004828590           Layor:         1           Color:         6           General Color:         8           Rouron Materials:         FILL           Matz:         01           Matz:         0           Formation Top Depth:         0           Formation Top Depth:         0           Formation Top Depth:         0           Form	Formation ID:		1004828591			
General Color:CREYMatt:05Most Common Material:CLAYMatz:CLAYOther Materials:	•					
Matri     05       Most Common Materials:     CLAY       Matri     CLAY       Matri     CLAY       Matri     CLAY       Matri     CLAY       Matri     CLAY       Matri     Sample CLAY       Matri     Sample CLAY       Matri     Sample CLAY       Formation Top Depth:     1.83       Formation End Depth UOM:     m       Overburden and Bedrock     Matrials Interval       Formation ID:     1004828590       Layer:     1       Color:     6       General Color:     BROWN       Matri     01       Most Common Material:     FILL       Matri     01       Most Common Material:     Go       Formation Top Depth:     0       Formation Top Depth:     1.83       Formation Top Depth:     1.83       Formation Top Depth UOM:     m       Overburden and Bedrock     Sample CLAY       Materials:     Sample CLAY       Materials:     Sample CLA						
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Materials Interval           Formation ID:         1004828590           Layer:         1           Color:         6           General Color:         BROWN           Matt:         01           Most Common Material:         FILL           Mats:         01           Other Materials:         FILL           Mats:         0           Other Materials:         0           Formation Top Depth:         0           Formation End Depth:         1.83           Formation End Depth:         0           Formation End Depth:         0           Coverburden and Bedrock         m           Materials Interval         m           Pormation ID:         1004828592           Layer:         3           Color:         2           General Color:         2           General Color:         CLAY           Matt:         0           Other Materials:	Formation En	a Depth UOM:	m			
Layer:       1         Color:       6         General Color:       BROWN         Matt:       01         Materials:       FILL         Mats:       0         Other Materials:       0         Formation Top Depth:       0         Formation End Depth:       1.83         Formation End Depth UOM:       m         Overburden and Bedrock       m         Materials Interval       1004828592         Layer:       3         Color:       2         General Color:       GREY         Matt:       05         Most Common Material:       CLAY         Mat2:       Other Materials:         Other Materials:       4.27         Formation End Depth:       6.1         Formation End Depth:						
Color:         6           General Color:         BROWN           Mat1:         01           Most Common Material:         FILL           Mat2:         Other Materials:           Mat3:         -           Other Materials:         -           Formation End Depth:         0           Formation End Depth:         1.83           Formation End Depth:         0           Overburden and Bedrock         m           Materials Interval         m           Formation ID:         1004828592           Layer:         3           Color:         2           General Color:         GREY           Mat1:         05           Mat2:         CLAY           Mat2:         CLAY           Mat3:         -           Other Materials:         -           Formation End Depth:         4.27           Formation End Depth:         6.1           Formation End Depth:         6.1           Formation End Depth:         6.1           Formation End Depth:         6.1           Formation End Depth UOM:         m	Formation ID:		1004828590			
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Matt:       01         Most Common Material:       FILL         Matz:       0         Other Materials:       0         Mats:       0         Formation End Depth:       0         Formation End Depth:       1.83         Formation End Depth:       1.83         Formation End Depth:       m         Overburden and Bedrock Materials Interval       m         Formation ID:       1004828592         Layer:       3         Color:       2         General Color:       GREY         Mat1:       05         Most Common Material:       CLAY         Mat2:       Other Materials:         Other Materials:       E         Formation End Depth:       4.27         Formation End Depth:       6.1         Formation End Depth:       6.			-			
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Layer:3Color:2General Color:GREYMat1:05Most Common Material:CLAYMat2:0Other Materials:0Mat3:0Other Materials:4.27Formation Top Depth:4.27Formation End Depth:6.1Formation End Depth:0Mata:0Mata:0Mata:0Difference0Plug ID:1004828601	Formation ID:		1004828592			
General Color:GREYMat1:05Most Common Material:CLAYMat2:Other Materials:Mat3:Other Materials:Formation Top Depth:4.27Formation End Depth:6.1Formation End Depth UOM:mAnnular Space/Abandonment Sealing Record1004828601						
Mat1:05Most Common Material:CLAYMat2:CLAYOther Materials:						
Most Common Material:CLAYMat2:ClayOther Materials:ClayMat3:ClayOther Materials:ClayFormation Top Depth:4.27Formation End Depth:6.1Formation End Depth UOM:mAnnular Space/Abandonment Sealing Record1004828601		-				
Mat2:         Other Materials:         Mat3:         Other Materials:         Formation Top Depth:       4.27         Formation End Depth:       6.1         Formation End Depth UOM:       m         Annular Space/Abandonment Sealing Record       1004828601		n Material:				
Mat3:       Other Materials:         Formation Top Depth:       4.27         Formation End Depth:       6.1         Formation End Depth UOM:       m         Annular Space/Abandonment       Sealing Record         Plug ID:       1004828601						
Other Materials:         Formation Top Depth:       4.27         Formation End Depth:       6.1         Formation End Depth UOM:       m         Annular Space/Abandonment		ls:				
Formation Top Depth:4.27Formation End Depth:6.1Formation End Depth UOM:mAnnular Space/Abandonment Sealing Record1004828601		le:				
Formation End Depth:       6.1         Formation End Depth UOM:       m         Annular Space/Abandonment			4.27			
Annular Space/Abandonment Sealing Record Plug ID: 1004828601	Formation En	d Depth:	6.1			
Sealing Record           Plug ID:         1004828601	Formation En	d Depth UOM:	m			
	Plug ID:		1004828601			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		2.74			
Plug To:		0.31			
Plug Depth L	JOM:	m			
<u>Annular Spa</u> Sealing Reco	ce/Abandonment ord				
Plug ID:		1004828602			
Layer:		3			
Plug From:		0.31			
Plug To: Plug Depth L	JOM:	0 m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004828600			
Layer:		1			
Plug From:		6.1			
Plug To: Plug Depth L	1014	2.74			
Flug Depth C	ЮМ.	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction ID:				
	struction Code:	D			
Method Con		Direct Push			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		1004828589			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1004828595			
Layer:		1			
Material:		5			
Open Hole o		PLASTIC			
Depth From:		0 3.1			
Depth To: Casing Diam	eter:	3.45			
Casing Diam		cm			
Casing Dept		m			
<u>Construction</u>	n Record - Screen				
Screen ID:		1004828596			
Layer:		1			
Slot:		10			
Screen Top I Screen End		3.1 6.1			
Screen End		5			
JUI UUUI IVIAIH					

Order No: 20190802189

5

m cm

4.21

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Screen Material:

Screen Diameter:

71

Screen Depth UOM: Screen Diameter UOM:

Map Key	Numbel Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Hole Diamete	r						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diameter		8 ( 6 r	1004828593 3.25 3.1 n cm				
<u>21</u>	1 of 1		ESE/88.5	87.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	r Use: se: htus: ial: Method: : iability: rock: Bedrock: .evel: :	7176825 M08708 A110671			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 2/16/2012 Yes 1844 5 OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Infe Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revise Supplier Com	s: c: red: rce Date: Location 1 Location 1 ion Comm	Method:	37		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.631408 18 464615 5035165 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>22</u>	1 of 1		ESE/94.1	87.9 / 1.00	Ottawa ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag:	r Use: se: stus:	7181202 Monitoring 0 Test Hole Z148486 A125723	and Test Hole		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	5/18/2012 Yes 7241 7 2035 TRIM RD	

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Order No: 20190802189

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N, Flow Rate: Clear/Cloudy	): liability: lrock: Bedrock: Level: ):			County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Inf	ormation					
Improvement	s: ted: 4/5/2012 rce Date: Location Source: Location Method: sion Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.774269 18 464612 5035141 UTM83 4 margin of error : 30 m - 100 m wwr	
Overburden a Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation Er Formation Er	r: on Material: als: als: op Depth:	1004315380 2 GREY 05 CLAY 85 SOFT 0.31 3.96 m				
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er Formation Er	r: on Material: als: als: op Depth:	1004315379 1 8 BLACK 11 GRAVEL 01 FILL 77 LOOSE 0 0.31 m				

# Annular Space/Abandonment Sealing Record

Plug ID:	1004315390
Layer:	3
Plug From:	0.91
Plug To:	3.96
Plug Depth UOM:	m

### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1004315388
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

### <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1004315389
Layer:	2
Plug From:	0.31
Plug To:	0.91
Plug Depth UOM:	m

#### Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

## Pipe Information

Pipe ID:	1004315378
Casing No:	0
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	1004315383
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	0.91
Casing Diameter:	4.02
Casing Diameter UOM:	cm
Casing Depth UOM:	m

## **Construction Record - Screen**

Screen ID:	1004315384
Layer:	1
Slot:	10

Order No: 20190802189

Мар Кеу	Number Records			Site		DE
Screen Top D Screen End D Screen Materi Screen Depth Screen Diame Screen Diame	Depth: ial: UOM: eter UOM:	0.91 3.96 5 m cm 4.83				
Hole Diameter	<u>r</u>					
Hole ID: Diameter:		1004315381				
Depth From:		0 3.96				
Depth To: Hole Depth U	ом:	5.90 m				
Hole Diamete		cm				
<u>23</u>	1 of 1	N/94.3	86.2 / -0.67	RIVERSTONE (TRIM I PARTNERSHIP 1980 Trim Road Ottawa ON K4A 4S7	ROAD) LIMITED	EASF
Approval No: Status: Date:		R-009-1110523635 REGISTERED 2018-07-12		SWP Area Name: MOE District: City:	Rideau Valley Ottawa Ottawa	
Record Type: Link Source: Project Type: Full Address:		EASR MOFA Water Taking - Construc	tion Dewatering	Latitude: Longitude: Geometry X: Geometry Y:	45.47111111 -75.45527778	
Approval Typ Full PDF Link	e:		Faking - Construction De essenvironment.ene.go	watering	cument.action?documentRe	fID=2074089
<u>24</u>	1 of 8	NNE/95.5	85.9 / -1.00	Ultramar Ltee/Ultrama 1985 Trim Rd Ottawa ON K4A 4R7	ar Ltd.	СА
Certificate #: Application Y ssue Date: Approval Typ Status: Application T Client Name: Client Addres Client City: Client Costal Project Descr Contaminants Emission Cor	e: ype: ss: Code: ription: s:	1682-76CMCN 2007 8/23/2007 Industrial Sew Approved				
<u>24</u>	2 of 8	NNE/95.5	85.9/-1.00	Ultramar Ltee/Ultrama 1985 Trim Rd Ottawa ON H3A 3L3	ar Ltd.	ECA
Approval No: Approval Date Status: Record Type: Link Source:	e:	1682-76CMCY 2007-08-23 Approved ECA IDS		MOE District: City: Longitude: Latitude: Geometry X:		
SWP Area Name:Approval Type:Project Type:INDUSTRIAL SEWAGE WORKS		Geometry Y:				
75	erisinfo.co	<u>m</u>   Environmental Risl	<ul> <li>Information Services</li> </ul>	3	Order N	lo: 20190802189

Order No:     20120306041     Nearest Intersection: Municipality: Client ProvState: Date Received:     Nearest Intersection: Municipality: Client ProvState: Date Received:     ON Search ProvState: Client ProvState: Date Received:     ON Search Radius (km):     25       24     4 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7     File       24     4 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7     File       24     4 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7     File       1nstance No:     55228225     File     File     File     File       Instance No:     55228225     File     File     File       Instance No:     55228225     File     File     File       Tank Mareirial:     File     File     File     File       Carosion Protection:     File     File     File     File       Carosion Protection:     File     File     File     File       Tank Material:     Collable Wall UST     File     File       Tank Type:     File     File     File     File       Tank Type:     File     File     File     File       Tank Material:     File     File     File     File		Number Records		Elev/Diff (m)	Site		Ľ
11/1 PDF Link:       https://www.accessenvironment.ene.gov.on.ca/instruments/2933-62RRA5-14.pdf         24       3 of 8       NNE/95.5       85.9 / -1.00       1985 Trim Road Orleans ON KAA 4877       El         24       3 of 8       NNE/95.7       85.9 / -1.00       1985 Trim Road Orleans ON KAA 4877       El         24       3 of 8       NNE/95.7       85.9 / -1.00       Nearest Intersection: Municipality: 2.5       Saaroh Redius (km): 2.5       X:	Address:		1985 Trim Rd				
24     3 of 8     NNE/95.5     85.9 / -1.00     1985 Trim Road Orbeans ON KAA 4RT     FI       brider No: Instruction     20120906041 C     C     Nearest Intersection: Municipality: Client Provisitate: ON Statch Road (Report 12:SEP-12     Nearest Intersection: Municipality: Client Provisitate: ON Statch Road (Km): - 25 Stats Name: Orbitaling Size Mark Received:     ON Search Radius (Km): - 25 Stats Name: Of Stats Name: Stats Nam			https://www.coocco	nvironmont ono	any on on/instruments/2002 (	STRRAF 14 pdf	
24     6 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     6 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4R7     FI       24     5 of 8     NNE/95.5     85.9 / -1.00     CST CANADA CO 1985 TRUM RD OTTAWA ON K4A 4	UII PDF LINK:		https://www.accesse	environment.ene	.gov.on.ca/instruments/2985-6	52KKA5-14.pu	
Status:       C       C       Municipality:         Export Type:       Standard Report       Client ProvState:       ON         Starte Received:       06-SEP-12       Starte ProvState:       ON         Starte Received:       06-SEP-12       Starte ProvState:       ON         Starte Received:       06-SEP-12       Starte ProvState:       ON         Starte Received:       06-SEP-12       Y:       -75.453375         Y:       -75.453375       Y:       -45.471183         Starte Received:       File Insur. Maps and/or Site Plans       Starte Received:       ON         24       4 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO       1985 TRIM RD       OTTAWA ON K4A 4R7         Instance No:       55228225       Starte Received:       Gasoline       Additione       100 TTAWA ON K4A 4R7       100 TTAWA ON K4A 4R7         Instance No:       502000       Starte Received:       Starte Received:       Starte Received:       FS         Instance No:       55228228       Starte Received:       FS       Starte Received:       FS         Starte No:       55228228       Starte Received:       Starte Received:       Starte Received:       Starte Received:       FS         Stare No:       552	<u>24</u> 3	3 of 8	NNE/95.5	85.9/-1.00			EH
Deport Type:       Standard Report       Client Prov/State:       ON         Stard Received:       00-SEP-12       Search Radius(m):       25         Ware Received:       00-SEP-12       Search Radius(m):       25         Ware Received:       00-SEP-12       Search Radius(m):       25         wide Midding Size:       orbBuilding Size:       -75.453875       Y:       45.471183         vide Midding Size:       Fire Insur. Maps and/or Site Plans       Y:       45.471183       -75.453875         vide Midding Size:       Fire Insur. Maps and/or Site Plans       Other Mark March       Fire Insur.       -75.453876         vide Midnand:       Fire Insur. Maps and/or Site Plans       CST CANADA CO       1985 TRIM RD       OTHAWA ON K4A 4R7         stance No:       S5228225       Soft Reduits Vide Vide Vide Vide Vide Vide Vide Vide	Order No:		20120906041		Nearest Intersection:		
Table Face:       12-SEP-12       Search Radius (km):       25         Teavious Site Name:       06-SEP-12       X:       -75.453875         Teavious Site Name:       06-SEP-12       X:       -75.453875         V:       45.471183       -75.453875         V:       45.471183         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRUN RD OTTAWA ON K4A 4R7       FI         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRUN RD OTTAWA ON K4A 4R7       FI         78.453876       South Varie:       55228225			-				
Date Received:       06-SEP-12       X:       -75.453875         Devolues Site Name:       -75.453875       Y:       45.471183         ovBuildiding Size:       -75.453875       Y:       45.471183         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7       F         nstance No:       55228225       Status:       Active       -75.453876       Y:       45.471183         Status:       Active       Gasoline       Status:       Active       -75.453876       Y:       45.471183         Status:       Active       Gasoline       Status:       Active       -75.453876       Y:       45.471183         Status:       Active       Gasoline       Status:       Status:       Active       -75.453876       Y:       45.471183         Status:       Active       Gasoline Statuon - Self Serve       FS Liquid Fuel Tank       Tank Material:       FS Casoline Statuon - Self Serve       FS Liquid Fuel Tank       FS         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7       FS         Status:       FS Liquid Fuel Tank       FS Casoline Station - Self Serve       FS Liquid Fuel Tank       FS         Status:			•				
Provious Stie Name:       Y:       45.471183         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 105 TRM RD OTTAWA ON KAA 4R7       File         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 105 TRM RD OTTAWA ON KAA 4R7       File         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 107 TAWA ON KAA 4R7       File         24       4 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 107 TAWA ON KAA 4R7       File         25       7       Gasoline Status:       Active Casoline       File       File       File         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRM RD OTTAWA ON KAA 4R7       File         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRM RD OTTAWA ON KAA 4R7       File         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRM RD OTTAWA ON KAA 4R7       File         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRM RD OTTAWA ON KAA 4R7       File         24       5 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO 1985 TRM RD OTTAWA ON KAA 4R7       File         24       6 of 8       NNE/95.5       85.9/-1							
oddBillional Info Ordered:       Fire Insur. Maps and/or Site Plans         24       4 of 8       NNE/95.5       85.9/-1.00       CST CAMADA CO 1965 TRIM RD OTTAWA ON KAA 4RT         rstance No:       55228225         Cont Name:       Secondary       Gasoline         Statuce Type:       FS Liquid Fuel Tank         Well Type:       Gasoline         Status:       Active         Spacify:       50000         Tank Material:       Fiberglass (FPP)         Darasin Protection:       Fiberglass (FPP)         Darasin Protection:       FS Liquid Fuel Tank         2007       Stating Type:       FS Casoline Station - Self Serve         Failtry Type:       FS Liquid Fuel Tank       OTTAWA ON KAA 4RT         24       5 of 8       NNE/95.5       85.9/-1.00       CST CAMADA CO 1985 TRIM RD 0TTAWA ON KAA 4RT         24       5 of 8       NNE/95.5       85.9/-1.00       CST CAMADA CO 1985 TRIM RD 0TTAWA ON KAA 4RT         24       5 of 8       NNE/95.5       85.9/-1.00       CST CAMADA CO 1985 TRIM RD 0TTAWA ON KAA 4RT         24       5 of 8       NNE/95.5       85.9/-1.00       CST CAMADA CO 1985 TRIM RD 0TTAWA ON KAA 4RT         7       FS Liquid Fuel Tank       FS Liquid Fuel Tank       FS Liquid Fuel Tank      <			00-3EF-12				
Additional Info Ordered:       Fire Insur. Maps and/or Site Plans         24       4 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7         Instance No:       55228225         Sont Name:       FS Liquid Fuel Tank ture Type:       Gasoline         Status:       Active       Gasoline         Status:       Active       Solool         Tark Material:       Fiberglass       Fiberglass         Corrosion Protection:       Fiberglass       Fiberglass         Tark Material:       Fiberglass       Soloo         Soloo       Soloo       Status:       Active         Solo 8       NNE/95.5       85.9 / -1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7         Status:       Active       Gasoline       Status:       Active         Status:       Active       Gasoline       Status:       Active         Status:       Active       Soloo       Status:       Soloo         Status:       Solof <td></td> <td></td> <td></td> <td></td> <td>1.</td> <td>43.471105</td> <td></td>					1.	43.471105	
1985 TRIM RD     OTTAWA ON KAA 4R7       Instance No:     55228225       Cont Name:     FS Liquid Fuel Tank       Instance No:     Gasoline       Status:     Active       Status:     Corrosion Protection:       Fiberglass     Conton       Fiberglass     Conton       Status:     Conton       Status:     Conton       Status:     Status:       Status:     Status:       Status:     Active			Fire Insur. Maps and	d/or Site Plans			
Sont Name:       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank         Viel Type:       Gasoline         Status:       Active         Sapacity:       50000         Fank Material:       Fiberglass (FRP)         Dorrosion Protection:       Fiberglass         Parent Facility Type:       Double Wall UST         restart Yape:       PS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8         NNE/95.5       85.9 / -1.00         CST CANADA CO         1995 TRIM RD         OTTAWA ON K4A 4R7         nstance No:       55228228         Cont Name:         nstance Type:       FS Liquid Fuel Tank         Status:       Active         Satus:       Corrosion Protection:	<u>24</u> 4	4 of 8	NNE/95.5	85.9 / -1.00	1985 TRIM RD	,	FS
Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoine         Status:       Active         Capacity:       50000         Tank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       FS Casoline Station - Self Serve         Farent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       OTTAWA ON K4A 4R7         Instance No:       55228228       Soline       Status:         Cont Name:       Instance Type:       FS Liquid Fuel Tank       Fuel Type:         Status:       Active       Gasoline       Status:       Status:         Status:       Active       Gasoline       Status:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)       Fiberglass (FRP)       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)       Fiberglass (FRIM RD OTTAWA ON K4A 4R7       Fiberglass (FRIM RD OTTAWA ON K4A 4R7 <td>nstance No:</td> <td></td> <td>55228225</td> <td></td> <td></td> <td></td> <td></td>	nstance No:		55228225				
Fuel Type:       Gasoline         Status:       Active         Capacity:       S0000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Material:       Double Wall UST         Install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       R1         Instance No:       55228228       Cont Name:       Gasoline         Status:       Active       Gasoline       Status:       Active         Status:       Active       Gasoline       Status:       Active         Corrosion Protection:       Fiberglass (FRP)       Fiberglass (FRP)       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)       Corrosion Protection:       Fiberglass (FRP)         Carboti Parent Facility Type:       FS Gasoline Station - Self Serve       Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Gasoline Station - Self Serve       FS Liquid Fuel Tank       CST CANADA CO       1985 TRIM RD       OTTAWA ON K4A 4R7							
Status:       Active         Capacity:       50000         Tank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         Parent Facility Type:       FS Liquid Fuel Tank         Parent Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       OTTAWA ON K4A 4R7         Instance No:       55228228         Cont Name:       Englass (FRP)         Instance Type:       FS Liquid Fuel Tank         Status:       Active         Capacity:       50000         Tank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         Install Vear:       2007         Parent Facility Type:       FS Gasoline Status - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST	nstance Type:	•	FS Liquid Fuel Tank	ζ.			
Capacity:       50000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Material:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7         Instance No:       55228228         Cont Name:       FS Liquid Fuel Tank         Fuel Type:       Gasoline         Status:       Active         Capacity:       50000         Fank Material:       Fiberglass         Corrosion Protection:       Fiberglass         Fank Material:       Fiberglass         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         Tastall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Casoline Station - Self Serve         Facility Type:       FS Casoline Station - Self Serve         Facility Type:       FS Casoline Station -							
Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         nstall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       6000       1985 TRIM RD         000000000000000000000000000000000000							
Corrosion Protection:       Fiberglass         fank Type:       Double Wall UST         nstall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         racklity Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       0TTAWA ON K4A 4R7       FI         nstance No:       55228228       55228228       0TTAWA ON K4A 4R7       FI         Status:       Active       Gasoline       Status:       Active         Status:       Active       Active       Status:       Active         Status:       Active       Therglass       FI       Therglass         Tank Material:       Fiberglass       FI       FI       FI         Status:       Active       Active       Active       Active         Apacity:       50000       Status:       FI       FI       FI         Status:       Active       Status:       FI       FI       FI         Tank Material:       FI       FI       Double Wall UST       FI       Status:       FI       FI         Status:       Active       FI							
Tank Type:       Double Wall UST         install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       R         instance No:       55228228       OTTAWA ON K4A 4R7         Cont Name:       FS Liquid Fuel Tank       File         Instance Type:       FS Liquid Fuel Tank       File         Status:       Active       Gasoline         Status:       Active       Gasoline         Status:       Active       Source         Carpacity:       50000       File         Corrosion Protection:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Material:       Z007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       OTTAWA ON K4A 4R7       File         24       6 of 8       NNE/95.5       85.9 / -1.00 <t< td=""><td></td><td>tection.</td><td></td><td></td><td></td><td></td><td></td></t<>		tection.					
Install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       Parent Facility Type:       FS         Instance No:       55228228       OTTAWA ON K4A 4R7       Parent Facility Type:         Instance Type:       FS Liquid Fuel Tank       FS       FS         Instance Type:       FS Liquid Fuel Tank       FS       FS         Cont Name:       Instance Type:       FS Liquid Fuel Tank       FS         Capacity:       S0000       Gasoline       Status:       Active         Capacity:       50000       Tank Material:       Fiberglass (FRP)       FS         Carrosion Protection:       Fiberglass (FRP)       Corrosion Protection:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank       OTTAWA ON K4A 4R7       Parent Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO       1985 TRIM RD       OTTAWA ON K4A 4R7         Instance No:       55228226       Cont Name:       FS Liquid Fuel Tank       FS Liquid Fuel Tank<		ection.	•				
Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       Parent Facility Type:       FS         Instance No:       55228228       OTTAWA ON K4A 4R7       Parent Facility Type:       FS         Instance Type:       FS Liquid Fuel Tank       FS       FS       FS       FS         Instance Type:       FS Liquid Fuel Tank       FS       FS       FS       FS       FS         Capacity:       Gasoline       Status:       Active       FS       <							
Facility Type:       FS Liquid Fuel Tank         24       5 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7         Instance No:       55228228         Cont Name:       Instance Type:       FS Liquid Fuel Tank Gasoline         Fuel Type:       Gasoline         Capacity:       50000         Tank Material:       Fiberglass (FRP) Foodble Wall UST Instand Year:         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST Install Year:         Parent Facility Type:       FS Gasoline Station - Self Serve Facility Type:         24       6 of 8       NNE/95.5         85.9 / -1.00       CST CANADA CO 1995 TRIM RD OTTAWA ON K4A 4R7         24       6 of 8       NNE/95.5         85.9 / -1.00       CST CANADA CO 1995 TRIM RD OTTAWA ON K4A 4R7         24       6 of 8       NNE/95.5         85.9 / -1.00       CST CANADA CO 1995 TRIM RD OTTAWA ON K4A 4R7		Type:	FS Gasoline Station	- Self Serve			
1985 TRIM RD OTTAWA ON K4A 4R7     1985 TRIM RD OTTAWA ON K4A 4R7       Instance No:     55228228       Cont Name:     Instance Type:       Gasoline     Gasoline       Status:     Active       Capacity:     50000       Tank Material:     Fiberglass (FRP)       Corrosion Protection:	Facility Type:		FS Liquid Fuel Tank	ζ.			
Cont Name:       Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline         Status:       Active         Capacity:       50000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Fank Type:       Double Wall UST         nstall Vear:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9/-1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       OTTAWA ON K4A 4R7         Instance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         Fuel Type:       FS Liquid Fuel Tank	<u>24</u> 5	5 of 8	NNE/95.5	85.9 / -1.00	1985 TRIM RD	,	FS
nstance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline         Status:       Active         Capacity:       50000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Fank Type:       Double Wall UST         nstall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       FS         nstance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         reuel Type:       FS Liquid Fuel Tank         Fuel Type:       FS Liquid Fuel Tank			55228228				
Fuel Type:       Gasoline         Status:       Active         Capacity:       50000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Fank Type:       Double Wall UST         nstall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       FS         nstance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         reuel Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline			FS Liquid Fuel Teak				
Status:       Active         Capacity:       50000         Tank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       FS         Instance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline	•••						
Capacity:       50000         Fank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         nstall Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       FS         Instance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         Fuel Type:       FS Liquid Fuel Tank							
Tank Material:       Fiberglass (FRP)         Corrosion Protection:       Fiberglass         Tank Type:       Double Wall UST         Install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       OTTAWA ON K4A 4R7       FS         Instance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank       FS Liquid Fuel Tank							
Tank Type:       Double Wall UST         install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1       1       1       1       1       1       1         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO       1985 TRIM RD       FS         1       55228226       55228282       552828       5628							
Install Year:       2007         Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8       NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       0TTAWA ON K4A 4R7       FS         Instance No:       55228226       55228226         Cont Name:       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline	<b>Corrosion Prot</b>	tection:	Fiberglass				
Parent Facility Type:       FS Gasoline Station - Self Serve         Facility Type:       FS Liquid Fuel Tank         24       6 of 8         NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       0TTAWA ON K4A 4R7         Instance No:       55228226         Cont Name:       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline							
Facility Type:       FS Liquid Fuel Tank         24       6 of 8         NNE/95.5       85.9 / -1.00       CST CANADA CO         1985 TRIM RD       0TTAWA ON K4A 4R7         Instance No:       55228226         Cont Name:       FS Liquid Fuel Tank         Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline		-		0 1 0			
Instance No: 55228226 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline		туре:					
Cont Name:         Instance Type:       FS Liquid Fuel Tank         Fuel Type:       Gasoline	<u>24</u> 6	6 of 8	NNE/95.5	85.9 / -1.00	1985 TRIM RD	,	FS
Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline			55228226				
Fuel Type: Gasoline			FS Liquid Fuel Tank	t i i i i i i i i i i i i i i i i i i i			
			•				
			Active				

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity: Tank Material: Corrosion Prot Tank Type: Install Year: Parent Facility Facility Type:		35000 Fiberglass (FRP) Fiberglass Double Wall UST 2007 FS Gasoline Station FS Liquid Fuel Tank			
<u>24</u> 7	7 of 8	NNE/95.5	85.9 / -1.00	CST CANADA CO 1985 TRIM RD OTTAWA ON K4A 4R7	FST
Instance No: Cont Name:		55228227			
nstance Type: Fuel Type:		FS Liquid Fuel Tank Diesel	<u>,</u>		
Status:		Active			
Status. Capacity:		25000			
Tank Material:		Fiberglass (FRP)			
Corrosion Prot	ection:	Fiberglass			
ank Type:		Double Wall UST			
nstall Year:		2007			
Parent Facility	Туре:	FS Gasoline Station	- Self Serve		
Facility Type:		FS Liquid Fuel Tank			
<u>24</u> 8	3 of 8	NNE/95.5	85.9/-1.00	ULTRAMAR LTEE ATT JOSEE TREMBLAY 1985 TRIM RD OTTAWA ON K4A 4R7	FSTH
	_				
license Issue I	Date:	9/2/2008 9:59:00 AN	Л		
Fank Status:	06	Licensed			
ank Status As		December 2008 Retail Fuel Outlet			
Operation Type Facility Type:	9.	Gasoline Station - S	elf Serve		
-Details					
Status:		Active			
Year of Installa		2008			
Corrosion Prot	ection:				
Capacity:		50000			
Fank Fuel Type	9:	Liquid Fuel Double	/Vall UST - Gasoline		
Statuci		Active			
Status: Year of Installa	tion.	2008			
Corrosion Prot		2000			
Capacity:		35000			
ank Fuel Type	ə:	Liquid Fuel Double	Nall UST - Gasoline		
Status:		Active			
ear of Installa	tion:	2008			
Corrosion Prot					
Capacity:		25000			
Tank Fuel Type	e:	Liquid Fuel Double	Nall UST - Diesel		
		Activo			
Status:	tion	Active			
Status: Year of Installa		Active 2008			
Status: Year of Installa Corrosion Prot		2008			
Status: Year of Installa Corrosion Prot Capacity: Tank Fuel Type	ection:		Wall UST - Gasoline		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
<u>25</u>	1 of 1		E/96.5	87.9 / 1.00	OTTAWA ON		WWI
Well ID:		7226784	4		Data Entry Status:		
Constructio	n Date:				Data Src:		
Primary Wat	er Use:	Monitori	ng and Test Hole		Date Received:	9/8/2014	
Sec. Water L	Jse:	0			Selected Flag:	Yes	
Final Well St	tatus:	Abando	ned-Other		Abandonment Rec:	Yes	
Water Type:					Contractor:	7241	
Casing Mate	erial:				Form Version:	7	
Audit No:		Z18783	4		Owner:		
Tag:					Street Name:	2035 TRIM RD.	
Construction					County:	OTTAWA-CARLETON	
Elevation (m					Municipality:	CUMBERLAND TOWNSHIP	
Elevation Re					Site Info:		
Depth to Bed	drock:				Lot:		
Well Depth:					Concession:		
Overburden/	/Bedrock:				Concession Name:		
Pump Rate:					Easting NAD83:		
Static Water					Northing NAD83:		
Flowing (Y/N	<i>I):</i>				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	<b>y</b> :						
Bore Hole In	formation						
Bore Hole ID	): 	1005110	6213		Elevation:	88.620193	
DP2BR:					Elevrc:	40	
Spatial Statu	IS:				Zone:	18	
Code OB:	~~~				East83:	464625	
Code OB De	SC:				North83:	5035178 UTM83	
Open Hole: Cluster Kind					Org CS: UTMRC:	4	
Date Comple		7/25/20	1.4		UTMRC. UTMRC Desc:	4 margin of error : 30 m - 100 m	
Remarks:	eleu.	1/23/20	14		Location Method:	wwr	
Elevrc Desc					Location Method.	00 001	
Location Sol							
mprovemen		Source					
mprovemen							
Source Revi							
Supplier Col		iont.					
Annular Spa Sealing Reco		nment_					
-	<u></u>		1005050140				
Plug ID:			1005256440				
Layer:			2				
Plug From:			0.31				
Plug To: Plug Donth I			1.83 m				
Plug Depth l			m				
Annular Spa Sealing Reco		<u>nment</u>					
Plug ID:			1005256441				
Layer:			3				
Plug From:			1.83				
Plug To:			4.57				
Plug Depth l			m				

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Sealing Reco	ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth L	JOM:	1005256439 1 0 0.31 m				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1005256430 0				
<u>Construction</u>	n Record - C	Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	1005256434 1 5 PLASTIC 5.2 cm m				
<u>Construction</u>	n Record - S	Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Dept Screen Diam Screen Diam	Depth: rial: h UOM: peter UOM:	1005256435 1 5 m cm 6.03				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	JOM:	1005256432 6.03 0 4.51 m cm				
<u>26</u>	1 of 1	ESE/98.3	87.9 / 1.00	OTTAWA ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m	er Use: Ise: atus: rial: n Method:	7226781 Monitoring and Test Hole 0 Abandoned-Other Z188320		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	9/8/2014 Yes Yes 7241 7 2035 TRIM RD. OTTAWA-CARLETON CUMBERLAND TOWNSHIP	

Order No: 20190802189

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	rock: Bedrock: .evel: :			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Infe	ormation					
Bore Hole ID:	1005116 <sup>-</sup>	194		Elevation:	88.727851	
DP2BR:				Elevrc:		
Spatial Status	:			Zone:	18	
Code OB:				East83:	464623	
Code OB Des	c:			North83:	5035157	
Open Hole:				Org CS:	UTM83	
Cluster Kind: Date Complet	ed: 7/25/2014	4		UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Remarks: Elevrc Desc:	ea: 1/25/2014	+		Location Method:	wwr	
Improvement	Location Source: Location Method: ion Comment: ment:					
Annular Spac Sealing Recol	<u>e/Abandonment</u> r <u>d</u>					
Plug ID:		1005256347				
ayer:		2				
Plug From:		0.31				
Plug To: Plug Depth U	ОМ:	2.13 m				
Annular Spac Sealing Recol	<u>e/Abandonment</u> r <u>d</u>					
Plug ID:		1005256348				
layer:		3				
Plug From:		2.13				
Plug To:		4.57				
Plug Depth U	ОМ:	m				
Annular Spac Sealing Recol	<u>e/Abandonment</u> r <u>d</u>					
Plug ID:		1005256346				
.ayer:		1				
Plug From:		0				
Plug To:		0.31				
Plug Depth U	ОМ:	m				
Pipe Informat	ion					
Pipe ID:		1005256337				
Casing No:		0				
<i>Comment:</i> Alt Name:						

ousing in.	100020001
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

## Construction Record - Screen

Screen ID: Layer: Slot:	1005256342 1
Screen Top Depth: Screen End Depth:	
Screen Material:	5
Screen Depth UOM: Screen Diameter UOM:	m cm
Screen Diameter:	6.03

## Hole Diameter

Hole ID:	1005256339
Diameter:	6.03
Depth From:	0
Depth To:	1.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>27</u>	1 of 1	NNE/98.5	85.9 / -1.00	OTTAWA ON		wwis
Well ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Man Audit No: Tag: Construction Elevation (f Elevation F Depth to Ba Well Depth Overburde Pump Rate Static Wate Flowing (Y, Flow Rate: Clear/Cloud	ater Use: Use: Status: e: terial: m): Reliability: edrock: : n/Bedrock: : er Level: /N):	7200447 Monitoring and Test Hole Monitoring and Test Hole Z152769 A145393		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	4/16/2013 Yes 7241 7 1985 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
	Information	100 1075 100		<b>F</b> lowed in a	00.40000	
Bore Hole I DP2BR:	ID:	1004275483		Elevation: Elevrc:	88.16883	

Zone:

18

Spatial Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Code OB:				East83:	464525	
Code OB Des	C:			North83:	5035402	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete		013		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:	<b></b> 0/22/2			Location Method:	wwr	
Elevrc Desc:				Looudon method.		
Location Sour	rce Date:					
	Location Source:					
	Location Method:					
	ion Comment:					
Supplier Com						
<u>Overburden a</u> Materials Intel						
Formation ID:		1004828605				
		2				
Layer: Color:		2				
Color: General Color		2 GREY				
Mat1:		05				
Matt: Most Commoi	n Material·	CLAY				
Mat2:	n waterial.	85				
other Materia		SOFT				
Mat3:	15.	68				
Mats: Other Materia		DRY				
Formation To		1.22				
Formation En		3.66				
	d Depth UOM:	5.00 m				
Formation En	a Departoom.					
<u>Overburden a</u> Materials Intel						
Formation ID:		1004828604				
Layer:		1				
Color:		6				
General Color	r:	BROWN				
Mat1:		11				
Most Commo	n Material:	GRAVEL				
Mat2:		28				
Other Materia	ls:	SAND				
Mat3:		85				
Other Materia		SOFT				
Formation To		0				
Formation En		1.22				
Formation En	d Depth UOM:	m				
<u>Overburden a</u> Materials Intel						
Formation ID:		1004828606				
Layer:		3				
Color:		2				
General Color	r:	GREY				
Mat1:		05				
Most Commo	n Material:	CLAY				
Mat2:		85				
Other Materia	ls:	SOFT				
Mat3:	-	91				
	ls:	WATER-BEARING				
Other Materia		3.66				
Other Materia Formation To	n Denth					
Formation Top						
Formation Top Formation En		6.1 m				

#### Annular Space/Abandonment Sealing Record Plug ID: 1004828615 Layer: 1 Plug From: 0 0.31 Plug To: Plug Depth UOM: m Annular Space/Abandonment Sealing Record 1004828616 Plug ID: Layer: 2 Plug From: 0.31 Plug To: 2.74 Plug Depth UOM: m Annular Space/Abandonment Sealing Record Plug ID: 1004828617 Layer: 3 Plug From: 2.74 Plug To: 6.1 Plug Depth UOM: m Method of Construction & Well <u>Use</u> Mathad Construction ID:

wethoa Construction ID:	
Method Construction Code:	D
Method Construction:	Direct Push
Other Method Construction:	

#### Pipe Information

Pipe ID:	1004828603
Casing No:	0
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	1004828610
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

## Construction Record - Screen

Screen ID:	1004828611
Layer:	1
Slot:	10

Order No: 20190802189

Мар Кеу	Number o Records	f Direction/ Distance		Site		DB
Screen Top De		3.1				
Screen End De		6.1				
Screen Materia		5				
Screen Depth		m				
Screen Diamet		cm				
Screen Diamet	ter:	4.82				
<u>Hole Diameter</u>						
Hole ID:		1004828608				
Diameter:		8.25				
Depth From:		2.13				
Depth To:		6.1				
Hole Depth UC	DM:	m				
Hole Diameter	UOM:	cm				
<u>Hole Diameter</u>						
Hole ID:		1004828607				
Diameter:		20.32				
Depth From:		0				
Depth To:		2.13				
Hole Depth UC		m				
Hole Diameter	UOM:	cm				
<u>28</u>	1 of 1	E/100.3	87.9 / 1.00	lot 1 con 8 CUMBERLAND ON		WWIS
Well ID:	7	275787		Data Entry Status:		
Construction L		210101		Data Entry Status. Data Src:		
Primary Water				Date Received:	11/28/2016	
Sec. Water Use				Selected Flag:	Yes	
Final Well Stat		bandoned-Other		Abandonment Rec:	Yes	
	us. A	bandoneu-Olhei		Contractor:	1119	
Water Type:				Form Version:	7	
Casing Materia Audit No:		237083		Form version: Owner:	I .	
	Z	231003		•		
Tag:	Nothod			Street Name:	2035 TRIM RD	
Construction	wethod:			County:	OTTAWA-CARLETON	
Elevation (m):	- <b>b</b> :11:6			Municipality:	CUMBERLAND TOWNSHIP	
Elevation Relia				Site Info:	001	
Depth to Bedro	оск:			Lot:	001	

Concession:

Zone:

Concession Name:

Easting NAD83:

Northing NAD83:

UTM Reliability:

08 CON

Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

## Bore Hole Information

Bore Hole ID: DP2BR:	1006297815	Elevation: Elevrc:	88.788925
Spatial Status:		Zone:	18
Code OB:		East83:	464625
Code OB Desc:		North83:	5035213
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/27/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc: Location Source Date	:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement	Location Source: Location Method: ion Comment: iment:				
<u>Annular Spac</u> <u>Sealing Reco</u>	<u>e/Abandonment</u> rd				
Plug ID:		1006449759			
Layer: Plug From:		1 84			
Plug To:		2			
Plug Depth U	OM:	ft			
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment_ rd				
Plug ID:		1006449760			
Layer:		2			
Plug From:		2			
Plug To: Plug Depth U	OM:	0 ft			
<u>Pipe Informat</u>	tion				
Pipe ID:		1006449752			
Casing No:		0			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		1006449756			
Layer:					
Material:					
Open Hole or	Material:				
Depth From:					
Depth To: Casing Diame	otor:				
Casing Diam		inch			
Casing Depth		ft			
<u>Construction</u>	Record - Screen				
Screen ID:		1006449757			
Layer:		1000449737			
Slot:					
Screen Top D	epth:				
Screen End L	Depth:				
Screen Mater					
Screen Depth	UOM:	ft			
Screen Diamo		inch			
<u>Hole Diamete</u>	<u>r</u>				
		1006440754			
Hole ID: Diameter:		1006449754			
Depth From:					
Depth To: Hole Depth U	OM-	ft			
	<b>U</b> M.				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Hole Diamete	er UOM:		inch				
<u>29</u>	1 of 2		NNE/102.2	85.9 / -1.00	OTTAWA ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction	er Use: Ise: tatus: rial:	1536313 Observa Z36610 A02953	ation Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	4/27/2006 Yes 1844 3 1961 TRIM ROAD OTTAWA-CARLETON	
Elevation (m Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	): liability: drock: /Bedrock: Level: l): /:				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CUMBERLAND TOWNSHIP	
<u>Bore Hole In</u> Bore Hole ID DP2BR: Spatial Statu	):	1155037	79		Elevation: Elevrc: Zone:	88.185523 18	
Code OB: Code OB De Open Hole: Cluster Kind	sc:	o Overbur	den		East83: North83: Org CS: UTMRC:	464509 5035411 UTM83 3	
Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Cor	urce Date: t Location t Location sion Comn	Method:	06		UTMRC Desc: Location Method:	margin of error : 10 - 30 m wwr	
<u>Overburden</u> Materials Inte		<u>ck</u>					
Formation IE Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materi Mat3:	or: on Material	:	933060403 2 GREY 05 CLAY				
Other Materi Formation To Formation E Formation E	op Depth: nd Depth:	IOM:	0.75 3 m				
<u>Overburden</u>	and Bedro	<u>ck</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inter	rval				 
Formation ID: Layer: Color:		933060402 1			
General Color Mat1:		06			
Most Commor Mat2: Other Material		SILT 28 SAND			
Mat3: Other Material Formation Top		0			
Formation End Formation End	d Depth:	0.75 m			
<u>Overburden al</u> Materials Inter					
Formation ID: Layer:		933060404 3			
Color: General Color Mat1:	:	2 GREY 05			
Most Commor Mat2: Other Material Mat3:		CLAY			
Other Material Formation Top Formation End	o Depth: d Depth:	3 6.1			
Formation End	d Depth UOM:	m			
<u>Annular Space</u> Sealing Recor	e/Abandonment rd				
Plug ID: Layer:		933296195 1			
Plug From: Plug To: Plug Depth UC	DM:	0 1.4 m			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction Code:	B Other Method			
<u>Pipe Informati</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		11559986 1			
Construction	Record - Casing				
Casing ID: Layer: Material:		930881489 1 5			

Map Key	Number Records		Elev/Diff (m)	Site		DB
Map Key Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth Construction Screen ID: Layer: Slot: Screen Top L Screen Top L Screen Top L Screen Mater Screen Diame Screen Diame Hole Diameter: Depth To: Hole Diameter: Depth To: Hole Depth U Hole Diameter 29 Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type:	Records Material: Material: Material: Material: Material: Model Record - So Depth: Depth: Contrait: Model Contrait: Material:	Distance (m) PLASTIC 0 1.4 51 cm m		Site OTTAWA ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	6/19/2006 Yes Yes 6964	WWIS
Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy	Method: ): liability: lrock: Bedrock: Level: ):	Z34815 A029537		Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	3 1961 TRIM ROAD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	s: sc:	11550464 o Overburden 6/7/2006		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	88.185523 18 464509 5035411 UTM83 3 margin of error : 10 - 30 m	

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Order No: 20190802189

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou						
	Location Source:					
	Location Method:					
	ion Comment:					
Supplier Com	iment:					
Overburden a	nd Bedrock					
Materials Inte						
Formation ID:		933057814				
Layer:		2				
Color:		2				
General Color	r:	GREY				
Mat1:		05				
Most Commo	n Material:	CLAY				
Mat2:						
Other Materia	ls:					
Mat3:						
Other Materia						
Formation To		0.75				
Formation En		3				
Formation En	d Depth UOM:	m				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID:	,	933057813				
Layer:		1				
Color:						
General Color	r:					
Mat1:		06				
Most Commo	n Material:	SILT				
Mat2:		28				
Other Materia	ls:	SAND				
Mat3:						
Other Materia						
Formation To		0				
Formation En		0.75				
Formation En	d Depth UOM:	m				
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID:		933057815				
Layer:		3				
Color:		2				
General Color	r:	GREY				
Mat1:	-	05				
Most Commo	n Material:	CLAY				
Mat2:						
Other Materia	ls:					
Mat3:						
Other Materia	ls:					
Formation To		3				
Formation En		6.1				
		***				
Formation En	d Depth UOM	m				

Annular Space/Abandonment Sealing Record

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ЮМ:	933293787 1 0 0.3 m				
<u>Annular Spac</u> <u>Sealing Reco</u>	ce/Abandonme ord	ent_				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ЮМ:	933293789 3 2.8 6.1 m				
<u>Annular Spac</u> Sealing Reco	ce/Abandonme ord	ent_				
Plug ID: Layer: Plug From: Plug To: Plug Depth U <u>Pipe Informat</u>		933293788 2 0.3 2.8 m				
Pipe ID: Casing No: Comment: Alt Name:		11560071 1				
<u>30</u>	1 of 1	ESE/103.0	87.9 / 1.00	Ottawa ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/H Pump Rate: Static Water I Flow Rate: Clear/Cloudy.	Date: Pr Use: M se: 0 atus: Te fial: Z' A' Method: liability: liability: brock: Bedrock: Level: ):	181203 onitoring and Test Hole est Hole 148487 125722		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/18/2012 Yes 7241 7 2035 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des	<b>s:</b>	003789522		Elevation: Elevrc: Zone: East83: North83:	88.81604 18 464620 5035137	

Order No: 20190802189

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 4/5/201	2		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sour	ce Date:					
	Location Source:					
•	Location Method:					
Source Revisi						
Source Revision						
<u>Overburden ar</u> Materials Inter						
Formation ID:		1004315394				
Layer:		3				
Color:		2				
General Color	:	GREY				
Mat1:		05				
Most Common	Material·	CLAY				
Mat2:		00				
Other Material	e.					
Mat3:	з.	85				
		85 SOFT				
Other Material						
Formation Top		0.91				
Formation End		4.57				
Formation End	a Depth UOM:	m				
Overburden ar Materials Inter						
Formation ID:		1004315392				
Layer:		1				
Color:		8				
		o BLACK				
General Color.						
Mat1:		11				
Most Common	n Material:	GRAVEL				
Mat2:		01				
Other Material	s:	FILL				
Mat3:		77				
Other Material	s:	LOOSE				
Formation Top		0				
Formation End		0.31				
Formation End	d Depth UOM:	m				
<u>Overburden al</u> Materials Inter						
	<u>rui</u>	1004215202				
Formation ID:		1004315393				
Layer:		2				
Color:		2				
General Color.	:	GREY				
Mat1:		06				
Most Common	n Material:	SILT				
Mat2:		05				
Other Material	s:	CLAY				
Mat3:		11				
Other Material	s:	GRAVEL				
Formation Top		0.31				
Formation End		0.91				
Formation End		m				
i Jimauvii Elio						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Spa</u> Sealing Reco	ce/Abandonment_ ord				
Plug ID:		1004315404			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth L	JOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004315403			
Layer:		2			
Plug From:		0.31			
Plug To:		1.22			
Plug Depth L	IOM:	m			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004315402			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth L	JOM:	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID: struction Code:	D			
Method Cons		Direct Push			
	d Construction:	Direct rush			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		1004315391			
Casing No:		0			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		1004315397			
Layer:		1			
Material:		5			
Open Hole of		PLASTIC			
Depth From:		0			
Depth To:		1.52			
Casing Diam	eter:	4.03			
Casing Diam Casing Dept	eter UOM: h UOM:	cm m			
<b>Construction</b>	<u>n Record - Screen</u>				
Screen ID:		1004315398			
Layer:		1			
Slot:		10			
Screen Top I	Denth:	1.52			
Screen End I	Denth:	4.57			
	-opui.	1.01			

Мар Кеу	Number Records		irection/ istance (m)	Elev/Diff (m)	Site		DE
Screen Materi Screen Depth Screen Diame Screen Diame	UOM: ter UOM:	5 m cm 482					
Hole Diameter	ŗ						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U( Hole Diameter		1004 8.25 0 4.57 ft inch	315395				
<u>31</u>	1 of 1	N/1	04.2	85.9/-1.03	lot A con 9 ON		WWI
Well ID: Construction I Primary Water Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction I Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flow Rate: Clear/Cloudy:	r Use: e: tus: al: Method: ability: rock: Bedrock: evel:	1512775 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/19/1961 Yes 1504 1 OTTAWA-CARLETON CUMBERLAND TOWNSHIP A 09 CON	
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	c: ed: rce Date: Location S Location N ion Commo	lethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.122886 18 464392.8 5035385 5 margin of error : 100 m - 300 m p5	
<u>Overburden a</u> Materials Intel		<u>k</u>					
Formation ID: Layer: Color:		9310 1 3	21519				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Cold	or:	BLUE			
Mat1: Most Commo Mat2:	on Material:	05 CLAY			
Other Materia	als:				
Mat3: Other Materia	als:				
Formation To	op Depth:	0			
Formation El Formation El	nd Depth: nd Depth UOM:	90 ft			
<u>Overburden a</u> Materials Inte					
Formation ID	):	931021520			
Layer: Color:		2			
General Colo	or:				
Mat1: Most Commo	n Matarial:	11 GRAVEL			
Mat2:	n watenar.	GRAVEL			
Other Materia Mat3:	als:				
Other Materia					
Formation To Formation El	op Depth:	90 100			
Formation El	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons					
Method Cons Method Cons	struction Code:	7 Diamond			
	d Construction:	Diamona			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10583333			
Casing No: Comment:		1			
Alt Name:					
<b>Construction</b>	n Record - Casing				
Casing ID:		930061591			
Layer: Material:		1 1			
Open Hole o	r Material:	STEEL			
Depth From: Depth To:		100			
Casing Diam	eter:	2			
Casing Diam Casing Deptl		inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL	D:	991512775			
Pump Set At Static Level:	:	10			
Final Level A	fter Pumping:	19 25			
	ed Pump Depth:	25			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pumping Rate Flowing Rate: Recommended Levels UOM: Rate UOM: Water State Af Water State Af Pumping Test Pumping Dura Flowing:	d Pump Ra fter Test C fter Test: Method: ntion HR:	ft GP <b>ode:</b> 1	M EAR				
<u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found L Water Found L	•	1 1 FRI 100	9468267 ESH )				
32	1 of 1	E	SE/104.2	87.9 / 1.00	OTTAWA ON		wwis
Well ID: Construction I Primary Water Sec. Water Use Final Well Stat Water Type: Casing Materia Audit No: Tag: Construction I Elevation (m): Elevation Relia	r Use: e: tus: al: Method:	7226783 Monitoring an O Abandoned-C Z187832			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	9/8/2014 Yes Yes 7241 7 2035 TRIM RD. OTTAWA-CARLETON CUMBERLAND TOWNSHIP	

Depth to Bedrock:Lot:Well Depth:Concession:Overburden/Bedrock:Concession Name:Pump Rate:Easting NAD83:Static Water Level:Northing NAD83:Flowing (Y/N):Zone:Flow Rate:UTM Reliability:Clear/Cloudy:

## Bore Hole Information

1005116200 88.797996 Bore Hole ID: Elevation: DP2BR: Elevrc: Spatial Status: Zone: 18 464627 Code OB: East83: Code OB Desc: North83: 5035150 **Open Hole:** Org CS: UTM83 Cluster Kind: UTMRC: 4 Date Completed: 7/25/2014 UTMRC Desc: margin of error : 30 m - 100 m Location Method: Remarks: wwr Elevrc Desc: Location Source Date:

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

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Annular Spac</u> Sealing Reco	e/Abandonment_ rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1005256428 2 0.31 1.83 m				
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ом:	1005256427 1 0 0.31 m				
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1005256429 3 1.83 4.57 m				
<u>Pipe Informat</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:		1005256418 0				
<u>Construction</u>	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1005256422 1 5 PLASTIC 5.2 cm m				
<u>Construction</u>	Record - Screen					
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater Screen Depth Screen Diame Screen Diame	Depth: ial: • UOM: eter UOM:	1005256423 1 5 m cm 6.03				
Hole Diamete	<u>r</u>					

	Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Hole ID:		100	5256420				
Diameter:		6.03	3				
Depth From:		0					
Depth To:		1.5					
Hole Depth UC	ОМ:	m					
Hole Diameter	r UOM:	cm					
<u>33</u>	1 of 1	E/	109.5	87.9 / 1.00	Ottown ON		ww
					Ottawa ON		
Well ID:	Dete	7221021			Data Entry Status:		
Construction			d Taat I lala		Data Src:	E/20/2011	
Primary Water		Monitoring and	a Test Hole		Date Received:	5/30/2014	
Sec. Water Us		0			Selected Flag:	Yes	
Final Well Star	tus:	Test Hole			Abandonment Rec:	7044	
Water Type:					Contractor:	7241	
Casing Materia	al:	7400400			Form Version:	7	
Audit No:		Z183180			Owner:		
Tag:		A155792			Street Name:	2033 TRIM ROAD	
Construction					County:		
Elevation (m):					Municipality:	CUMBERLAND TOWNSHIP	
Elevation Reli					Site Info:		
Depth to Bedr	OCK:				Lot:		
Well Depth:	) o du 1				Concession:		
Overburden/B	searock:				Concession Name:		
Pump Rate:	aval				Easting NAD83:		
Static Water L					Northing NAD83:		
Flowing (Y/N):	•				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy:							
Bore Hole Info	ormation						
Bore Hole ID:		1004791048			Elevation:	88.599739	
					Elevrc:		
DP2BR:							
	:				Zone:	18	
DP2BR:	:				Zone: East83:	464638	
DP2BR: Spatial Status Code OB:					East83: North83:	464638 5035192	
DP2BR: Spatial Status					East83: North83: Org CS:	464638	
DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind:	c:				East83: North83:	464638 5035192 UTM83 4	
DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind:	c:	4/9/2014			East83: North83: Org CS:	464638 5035192 UTM83	
DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind: Date Complete Remarks:	c:	4/9/2014			East83: North83: Org CS: UTMRC:	464638 5035192 UTM83 4	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Completo Remarks: Elevrc Desc:	c: ed:	4/9/2014			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Dese Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour	c: ed: rce Date:				East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind: Date Completo Remarks: Elevrc Desc: Location Sour Improvement	c: ed: rce Date: Location S	Source:			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Deso Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement	c: ed: rce Date: Location S Location I	Source: Method:			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Dese Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi	c: ed: rce Date: Location S Location I ion Comm	Source: Method:			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Completo Remarks: Elevrc Desc: Location Sour	c: ed: rce Date: Location S Location I ion Comm	Source: Method:			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	c: ed: rce Date: Location I Location I ion Comm ment: nd Bedroc	Source: Method: ent:			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com Overburden au Materials Inter	c: ed: rce Date: Location I Location I ion Comm ment: <u>nd Bedroc</u> rval	Source: Method: ent: : <u>k</u>			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden al</u> <u>Materials Inter</u> Formation ID:	c: ed: rce Date: Location I Location I ion Comm ment: <u>nd Bedroc</u> rval	Source: Method: ent: : <u>k</u>	5166749		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer:	c: ed: rce Date: Location I Location I ion Comm ment: <u>nd Bedroc</u> rval	Source: Method: ent: : <u>k</u> 100 1	5166749		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color:	c: ed: Location S Location I ion Comm ment: <u>nd Bedroo</u> rval	Source: Method: ent: : <u>k</u> 100 1			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color	c: ed: Location S Location I ion Comm ment: <u>nd Bedroo</u> rval	Source: Method: ent: : <u>k</u> 100 1	5166749 DWN		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color	c: ed: Location S Location I ion Comm ment: <u>nd Bedroo</u> rval	Source: Method: ent: : <u>k</u> 100 1			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1:	c: ed: Location S Location I ion Comm ment: <u>nd Bedroo rval</u>	Source: Method: ent: : <u>k</u> 100 1 6 BRC			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Source Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common	c: ed: Location S Location I ion Comm ment: <u>nd Bedroo rval</u>	Source: Method: ent: 2 <u>k</u> 100 1 6 BRC	OWN		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color:	c: ed: rce Date: Location S Location I ion Comm ment: <u>nd Bedroo</u> <u>rval</u> : n Material:	Source: Method: ent: 2 <u>k</u> 100 1 6 BRC			East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden au</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2:	c: ed: rce Date: Location S Location I ion Comm ment: <u>nd Bedroo</u> <u>rval</u> : n Material:	Source: Method: ent: 2 <u>k</u> 100 1 6 BR(	DWN		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Comi Overburden an Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Other Material Mat3: Other Material	c: ed: rce Date: Location S Location S ion Comm ment: <u>nd Bedroc</u> <u>rval</u> r: n Material: Is:	Source: Method: ent: 2 <u>k</u> 100 1 6 BRC	DWN		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	
DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com <u>Overburden al</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3:	c: ed: rce Date: Location S Location S ion Comm ment: <u>nd Bedroc</u> <u>rval</u> r: n Material: Is:	Source: Method: ent: 2 <u>k</u> 100 1 6 BR(	DWN		East83: North83: Org CS: UTMRC: UTMRC Desc:	464638 5035192 UTM83 4 margin of error : 30 m - 100 m	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Formation El Formation El	nd Depth: nd Depth UOM:	0.31 m			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	)-	1005166751			
Layer:	-	3			
Color:		2 005V			
General Colo Mat1:	or:	GREY 05			
Most Commo	on Material:	CLAY			
Mat2:		06			
Other Materia Mat3:	als:	SILT 85			
Other Materia	als:	SOFT			
Formation To	op Depth:	1.22			
Formation E		4.57			
Formation El	nd Depth UOM:	m			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	1005166750			
Layer:		2			
Color:		6 RROWN			
General Colo Mat1:	or:	BROWN 05			
Most Commo	on Material:	CLAY			
Mat2:		28			
Other Materia	als:	SAND			
Mat3: Other Materia	als:	66 DENSE			
Formation To		0.31			
Formation E	nd Depth:	1.22			
Formation E	nd Depth UOM:	m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1005166759			
Layer:		1			
Plug From:		0			
Plug To: Plug Depth L	IOM:	0.31 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1005166760			
Layer:		2			
Plug From:		0.31			
Plug To: Plug Depth U	ю <i>М</i> .	1.22 m			
Flug Depth C	<i>JOW.</i>				
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1005166761			
Layer:		3			
Plug From:		1.22 4.57			
Plug To:		4.07			
<u></u>	erisinfo.com   Fr	vironmental Risk Info	rmation Service	2S	Order No: 20190802189
98					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Plug Depth U	IOM:	m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	D Direct Push			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005166748 0			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	1005166754 1 5 PLASTIC 0 1.52 4.03 cm m			
<u>Construction</u>	n Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:	1005166755 1 10 1.52 4.57 5 m cm 4.82			
Hole Diamete	er				
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM:	1005166752 8.25 0 4.57 m cm			

<u>34</u>	1 of 1	E/112.7	87.9 / 1.00	OTTAWA ON		WWIS
Well ID: Constructi Primary Wa		7226785 Monitoring and Test Hole		Data Entry Status: Data Src: Date Received:	9/8/2014	
Sec. Water	Use:	0		Selected Flag:	Yes	
Final Well Water Type		Abandoned-Other		Abandonment Rec: Contractor:	Yes 7241	
Casing Ma Audit No:	terial:	Z187835		Form Version: Owner:	7	
				••		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Tag: Construction Elevation Re Depth to Bed Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	): liability: lrock: Bedrock: Level: ):			Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	2035 TRIM RD. OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole Int	formation					
Improvement Source Revis Supplier Con	s: sc: ted: 7/25/201 trce Date: t Location Source: t Location Method: sion Comment: nment: ce/Abandonment brd			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.565963 18 464641 5035175 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Annular Spac</u> Sealing Reco	ce/Abandonment ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005256451 1 0 0.31 m				
<u>Annular Spac</u> <u>Sealing Reco</u>	ce/Abandonment_ ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005256453 3 1.83 3.96 m				

# Pipe Information

Pipe ID: Casing No:

100

1005256442

Comment: Alt Name:

## Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	1005256446 1 5 PLASTIC
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

## Construction Record - Screen

Screen ID:	1005256447
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

## Hole Diameter

Hole ID:	1005256444 4.82
Diameter: Depth From:	4.02 0
Depth To:	1.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>35</u>	1 of 1	E/112.9	87.9 / 1.00	OTTAWA ON		WWIS
Well ID: Construction Primary Water Final Well S Water Types Casing Mait Audit No: Tag: Construction Elevation ( Elevation F Depth to Bu Well Depth Overburdeu Pump Rate Static Wates Flow Rate: Clear/Cloud	ater Use: Use: Status: erial: on Method: m): Reliability: edrock: : n/Bedrock: : er Level: (N):	7226786 Abandoned-Other Z187836		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	9/8/2014 Yes Yes 7241 7 2035 TRIM RD, OTTAWA-CARLETON CUMBERLAND TOWNSHIP	

## Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Bore Hole ID:	100511	6219		Elevation:	88.5718	
DP2BR:				Elevrc:		
Spatial Status	s:			Zone:	18	
Code OB:				East83:	464641	
Code OB Des	SC:			North83:	5035173	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Comple		14		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:				Loouton method.		
Location Sou	urca Data:					
	Location Source:					
	Location Method:					
	ion Comment:					
Supplier Con						
Annular Spac	ce/Abandonment_					
Sealing Reco						
Plug ID:		1005256461				
Layer:		1				
Plug From:		0				
Plug To:		0.31				
Plug Depth U	ЮМ:	m				
Annular Spac Sealing Reco	ce/Abandonment rd					
Plug ID:		1005256462				
Layer:		2				
Plug From:		0.31				
Plug To:		5.49				
Plug Depth U	IOM:	m				
Pipe Informat	tion					
Pipe ID:		1005256454				
Casing No:		0				
Comment:		-				
Alt Name:						
Construction	Record - Casing					
Casing ID:		1005256458				
Layer:		1				
Material:		5				
Open Hole or	· Material·	PLASTIC				
Depth From:						
Depth To:						
Casing Diam	ofor-	20.32				
Casing Diame Casing Depth		cm m				
<b>Construction</b>	Record - Screen					
Screen ID:		1005256459				
Layer:		-				
Slot:						
Screen Top D	Depth:					
Screen End L						
Screen Mater						
Screen Denth		m				

Screen Depth UOM:

m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Screen Diameter UOM:		cm				
Screen Diamet	ter:					
Hole Diameter						
Hole ID:		1005256456				
Diameter:		20.32				
Depth From:		0				
Depth To:	N##-	5.49				
Hole Depth UO Hole Diameter		m cm				
36	1 of 1	ESE/113.1	87.9 / 1.00			WWI
_				OTTAWA ON		~~~~
Well ID:	7226	5782		Data Entry Status:		
Construction L Primary Water		itoring and Test Hole		Data Src: Date Received:	9/8/2014	
Sec. Water Use		itoling and restrible		Selected Flag:	Yes	
Final Well Stat		ndoned-Other		Abandonment Rec:	Yes	
Water Type:				Contractor:	7241	
Casing Materia				Form Version:	7	
Audit No:	Z187	7833		Owner:		
Tag: Construction N	Nothod:			Street Name: County:	2035 TRIM RD. OTTAWA-CARLETON	
Elevation (m):	weinoù.			Municipality:	CUMBERLAND TOWNSHIP	
Elevation Relia	ability:			Site Info:		
Depth to Bedro	ock:			Lot:		
Well Depth:				Concession:		
Overburden/Be	edrock:			Concession Name:		
Pump Rate: Static Water Le	ovol:			Easting NAD83: Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
Bore Hole Info	rmation					
Bore Hole ID:	1005	5116197		Elevation:	88.826881	
DP2BR:	_			Elevrc:	10	
Spatial Status: Code OB:				Zone: East83:	18 464637	
Code OB. Code OB Desc	r			North83:	5035152	
Open Hole:	-			Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 7/25	/2014		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc: Location Sourd	co Dato:					
	Location Source	e:				
	Location Metho					
Source Revisio						
Supplier Com	ment:					
	Abandanmant	•				
<u>Sealing Record</u> Plug ID:		1005256392				
Annular Space Sealing Record Plug ID: Layer:		3				
<u>Sealing Record</u> Plug ID:						

# <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1005256390
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	ft

## <u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1005256391
Layer:	2
Plug From:	0.31
Plug To:	1.83
Plug Depth UOM:	ft

# Pipe Information

Pipe ID:	1005256381
Casing No:	0
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	1005256385 1 5 PLASTIC
Casing Diameter:	5.2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Screen

Screen ID: Layer:	1005256386 1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.03

## Hole Diameter

Hole ID:	1005256383
Diameter:	6.02 0
Depth From: Depth To:	1.5
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key Numbe Record		Elev/Diff (m)	Site	DB
37 1 of 1	NNE/117.9	85.9 / -1.00	lot A con 8 ON	wwis
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1518164 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 4/5/1983 Yes 1504 1 OTTAWA-CARLETON CUMBERLAND TOWNSHIP A 08 CON
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	Method:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.122879 18 464529.8 5035421 4 margin of error : 30 m - 100 m p4
<u>Overburden and Bedro</u> <u>Materials Interval</u>	<u>ck</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth L Overburden and Bedroo Materials Interval Formation ID:	46 68 <i>JOM:</i> ft			
105 erisinfo.c	om   Environmental Risk Infe	ormation Servic	es	Order No: 20190802189

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color: General Colo	r.	5 YELLOW			
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2:	-1				
Other Materia Mat3:	ais:				
Other Materia	als:				
Formation To		0			
Formation Er	nd Depth: nd Depth UOM:	16 ft			
Formation Er	la Deptri OOM:	it.			
Overburden a Materials Inte					
Formation ID	2	931037565			
Layer: Color:		3 2			
General Colo	or:	2 GREY			
Mat1:		11			
Most Commo	on Material:	GRAVEL			
Mat2: Other Materia					
Mat3:	<i>a</i> 15.				
Other Materia	als:				
Formation To		38			
Formation Er	nd Depth: nd Depth UOM:	46 ft			
	-				
Overburden a Materials Inte					
Formation ID	:	931037564			
Layer:		2			
Color: General Colo		3 BLUE			
General Colo Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2:					
Other Materia Mat3:	als:				
Other Materia	als:				
Formation To	op Depth:	16			
Formation Er		38			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons					
	struction Code:	4 Determ (Air)			
Method Cons Other Method	struction: d Construction:	Rotary (Air)			
<u>Pipe Informa</u>	tion				
Pipe ID:		10588604			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction	n Record - Casing				
Casing ID:		930069923			
Layer:		1			
Material: Open Hole o	r Matorial:	1 STEEL			
Depth From:		OTELL			
Depth To:		51			
Casing Diam		6			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	lell Yield Testing				
Pump Test II		991518164			
Pump Set At		47			
Static Level:	After Pumping:	17 30			
	led Pump Depth:	30			
Pumping Ra		80			
Flowing Rate	ə:				
	led Pump Rate:	30			
Levels UOM: Rate UOM:		ft GPM			
	After Test Code:	1			
Water State		CLEAR			
Pumping Te		1			
Pumping Du		1			
Pumping Du Flowing:	ration MIN:	0 N			
Flowing.		IN			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	934378236			
Test Type:		Recovery			
Test Duratio	n:	30			
Test Level: Test Level U	OM-	17 ft			
lest Level U	OM.	n			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	934639294			
Test Type:		Recovery			
Test Duratio Test Level:	n:	45 17			
Test Level U	OM·	ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	934103483			
Test Type:		Recovery			
Test Duratio Test Level:	n:	15 17			
Test Level: Test Level U	OM-	ft			
	0	it is a second s			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	934897338			
Test Type:		Recovery			
Test Duratio	n:	60 17			
Test Level: Test Level U	OM:	ft			
					<b>~</b> • • • • • • • • • • • • • • • • • • •
107	erisinfo.com   En	vironmental Risk Info	rmation Service	es	Order No: 20190802189

<u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found D Water Found D		1	933474822				
Layer: Kind Code: Kind: Water Found D Water Found D		1					
Layer: Kind Code: Kind: Water Found D Water Found D		1					
Kind: Water Found D Water Found D							
Water Found D Water Found D		F	l				
Water Found D			RESH				
	epth 00M		\$8 •				
		<b>1:</b> f	t				
<u>38</u> 1	1 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Rd Ottawa ON K2G 6J8		ECA
Approval No:		2908-A2LF	R47		MOE District:		
Approval Date:	:	2015-09-30	)		City:		
Status:		Approved			Longitude:		
Record Type:		ECA			Latitude:		
Link Source: SWP Area Nam		IDS			Geometry X:		
Approval Type.		F	ECA-INDUSTRIAL	SEWAGE WORK	Geometry Y:		
Project Type:	-		NDUSTRIAL SEWA		5		
Address:			2035 Trim Rd				
Full Address:							
Full PDF Link:		ł	https://www.accesse	environment.ene.g	gov.on.ca/instruments/1672-	9VSRDX-14.pdf	
38 2	2 of 32		ESE/119.5	87.9 / 1.00	2035 Trim Road		5110
—					Ottawa ON K4A 3R2		EHS
Order No:		201001110	)03		Nearest Intersection:		
Status:		C Standard F	lanart		Municipality: Client Prov/State:	ON	
Report Type: Report Date:		Standard F 1/19/2010	kepon		Search Radius (km):	0.25	
Date Received:	:	1/11/2010			X:	-75.452896	
Previous Site N	-				Y:	45.469331	
Lot/Building Si							
Additional Info	Ordered:						
<u>38</u> 3	3 of 32		ESE/119.5	87.9 / 1.00	2035 Trim Road Ottawa ON		EHS
					Ollawa ON		
Order No:		201311070	)27		Nearest Intersection:		
Status:		C Custom Re	nort		Municipality:	ON	
Report Type: Report Date:		18-NOV-13			Client Prov/State: Search Radius (km):	.25	
Date Received:		07-NOV-13			X:	-75.451964	
Previous Site N		01 110 1 10			Y:	45.469098	
Lot/Building Si							
Additional Info	Ordered:	F	Fire Insur. Maps and	d/or Site Plans; Ci	ty Directory		
<u>38</u> 4	4 of 32		ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPA CARLETON 2035 TRIM RD OTTAWA ON K4A 3R2		FST
Instance No:		1	10717252				
Cont Name:		r	S Liquid Eucl Task				
Instance Type: Fuel Type:			FS Liquid Fuel Tank Gasoline				
			nmental Risk Info			<b>•</b> • • • •	20190802189

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Capacity:		Active 9000			
ank Material:		Fiberglass (FRP)			
Corrosion Pro		Fiberglass			
Tank Type:		Single Wall UST			
nstall Year:		1985			
Parent Facility	/ Type:	Fuels Safety Private	e Fuel Outlet - Sel	f Serve	
Facility Type:		FS Liquid Fuel Tanl	¢		
<u>38</u>	5 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	FST
				2035 TRIM RD OTTAWA ON K4A 3R2	
nstance No:		10717321			
Cont Name:					
nstance Type		FS Liquid Fuel Tanl	(		
Fuel Type:		Diesel			
Status:		Active			
Capacity:		4540			
Tank Material:		Fiberglass (FRP)			
Corrosion Pro	tection:	Fiberglass			
Tank Type:		Single Wall UST 1985			
nstall Year: Parent Facility	/ Type:	Fuels Safety Private	Fuel Outlet - Sel	f Serve	
Facility Type:	, rypc.	FS Liquid Fuel Tanl			
<u>38</u>	6 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 2035 TRIM RD	FST
				OTTAWA ON K4A 3R2	
Instance No: Cont Name:		10717178			
nstance Type		FS Liquid Fuel Tanl	¢		
Fuel Type:	•	Diesel	·		
Status:		Active			
Capacity:		22700			
Tank Material:	<del>,</del>	Fiberglass (FRP)			
Corrosion Pro	tection:	Fiberglass			
Tank Type:		Single Wall UST			
Install Year:	_	1985			
Parent Facility Facility Type:	/ Туре:	Fuels Safety Private FS Liquid Fuel Tanl		f Serve	
38	7 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA	
<u></u>		202,770,0	01.07 1.00	CARLETON ATTN : MARC LEVESQUE 2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	FSTH
License Issue	Dato:	6/4/1990			
Tank Status:	Date.	Licensed			
Tank Status A	s Of:	August 2007			
Operation Typ	e:	Private Fuel Outlet			
Facility Type:		Gasoline Station - S	Self Serve		
Details		Antina			
Status:	otion	Active			
Year of Install Corrosion Pro		1985			
	necnon				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity: Tank Fuel Type:			22700 Liquid Fuel Single V	Wall UST - Diesel		
Status: Year of Installation: Corrosion Protection:			Active 1985			
Capacity: Tank Fuel Ty			9000 Liquid Fuel Single V	Wall UST - Gasolin	e	
	Year of Installation:		Active 1985			
Corrosion Protection: Capacity: Tank Fuel Type:			4540 Liquid Fuel Single V	Wall UST - Diesel		
<u>38</u>	8 of 32		ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF C CARLETON ATTN : MARC LEVE 2035 TRIM RD NAVAN ON	ESTH
License Issu Tank Status: Tank Status Operation Ty Facility Type	As Of: /pe:		6/4/1990 Licensed December 2008 Private Fuel Outlet Gasoline Station - S	Self Serve		
<u>Details</u> Status: Year of Insta Corrosion Pr Capacity: Tank Fuel Ty	rotection:		Active 1985 22700 Liquid Fuel Single V	Nall UST - Diesel		
Status: Year of Insta Corrosion Pr Capacity: Tank Fuel Ty	rotection:		Active 1985 9000 Liquid Fuel Single V	Nall UST - Gasolin	e	
Status: Year of Insta Corrosion Pr	llation:		Active 1985			
Capacity: Tank Fuel Ty			4540 Liquid Fuel Single V	Wall UST - Diesel		
<u>38</u>	9 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON K4A 3R2	GEN
Generator No	o:	ON9637	039		PO Box No:	
Status:Approval Years:2010Contam. Facility:MHSW Facility:SIC Code:913910SIC Description:		2010			Country: Choice of Contact: Co Admin:	
		913910	Other Local Municip	oal and Regional P	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class Desc:			251 OIL SKIMMINGS &	SLUDGES		
110	erisinfo.c	om   Envi	ronmental Risk Info	ormation Service	S	Order No: 20190802189

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class Waste Class			221 LIGHT FUELS				
<u>38</u>	10 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K1P1J1		GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: :ility: ity:	ON0303 2014 No No 913910	913910		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_ADMIN Matthew Girard (613)748-4275 Ext.268	
<u>Detail(s)</u>							
Waste Class Waste Class			122 ALKALINE WASTE	S - OTHER MET	ΓALS		
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMIC	CALS		
Waste Class Waste Class			212 ALIPHATIC SOLVE	ENTS			
Waste Class Waste Class			112 ACID WASTE - HE	AVY METALS			
Waste Class Waste Class			242 HALOGENATED P	ESTICIDES			
Waste Class Waste Class			331 WASTE COMPRES	SSED GASES			
Waste Class Waste Class			145 PAINT/PIGMENT/C	COATING RESID	DUES		
Waste Class Waste Class			148 INORGANIC LABC	RATORY CHEM	MICALS		
Waste Class Waste Class			222 HEAVY FUELS				
Waste Class Waste Class			213 PETROLEUM DIST	TILLATES			
Waste Class Waste Class			252 WASTE OILS & LU	IBRICANTS			
Waste Class Waste Class	=		251 OIL SKIMMINGS &	SLUDGES			
Waste Class Waste Class			221 LIGHT FUELS				
<u>38</u>	11 of 32		ESE/119.5	87.9 / 1.00	OTTAWA-CARLETON OF 2035 TRIM ROAD NAVAN ON K4A 7J5	N,REGIONAL MUNICIPALITY	GEN
Generator No	0:	ON0303	127		PO Box No:		

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ility: ty:	95,96,97 4599	OTHER TRANS. SE	ERV.	Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			112 ACID WASTE - HEA	AVY METALS			
Waste Class: Waste Class			122 ALKALINE WASTES	S - OTHER MET	ALS		
Waste Class: Waste Class			145 PAINT/PIGMENT/C	OATING RESID	UES		
Waste Class: Waste Class			148 INORGANIC LABOF	RATORY CHEM	ICALS		
Waste Class: Waste Class			212 ALIPHATIC SOLVE	NTS			
Waste Class: Waste Class			213 PETROLEUM DIST	ILLATES			
Waste Class: Waste Class			221 LIGHT FUELS				
Waste Class: Waste Class			222 HEAVY FUELS				
Waste Class: Waste Class			241 HALOGENATED SC	OLVENTS			
Waste Class: Waste Class			242 HALOGENATED PE	ESTICIDES			
Waste Class: Waste Class			331 WASTE COMPRES	SED GASES			
Waste Class: Waste Class			252 WASTE OILS & LUE	BRICANTS			
Waste Class: Waste Class			261 PHARMACEUTICAI	LS			
Waste Class: Waste Class			263 ORGANIC LABORA	TORY CHEMIC	ALS		
Waste Class: Waste Class			269 NON-HALOGENATI	ED PESTICIDES	3		
<u>38</u>	12 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K1P1J1		GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code:	ars: ility:	ON03031 2016 No 913910	127		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_ADMIN Matthew Girard (613)748-4275 Ext.268	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
SIC Description	on:		913910					
<u>Detail(s)</u>								
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES						
Waste Class: Waste Class I	Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES					
Waste Class: Waste Class I	Desc:		221 LIGHT FUELS					
Waste Class: Waste Class I	Desc:		122 ALKALINE WASTE	S - OTHER MET	ALS			
Waste Class: Waste Class I			263 ORGANIC LABORA	TORY CHEMIC	ALS			
Waste Class: Waste Class I	Desc:		148 INORGANIC LABO	RATORY CHEM	ICALS			
Waste Class: Waste Class I			222 HEAVY FUELS					
Waste Class: Waste Class I	Desc:		251 OIL SKIMMINGS &	SLUDGES				
Waste Class: Waste Class I			213 PETROLEUM DISTILLATES					
Waste Class: Waste Class I	Desc:		252 WASTE OILS & LU	BRICANTS				
Waste Class: Waste Class I	Desc:		212 ALIPHATIC SOLVE	INTS				
Waste Class: Waste Class I	Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS					
Waste Class: Waste Class I			242 HALOGENATED PI	ESTICIDES				
<u>38</u>	13 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON K4A 3R2	GEN		
Generator No	c	ON9637	039		PO Box No:			
Status: Approval Yea	rs:	2011			Country: Choice of Contact:			
Contam. Faci	lity:				Co Admin:			
MHSW Facility:SIC Code:913910		Phone No Admin:						
SIC Description:		Other Local Municipal and Regional Public Administration						
<u>Detail(s)</u>								
Waste Class: Waste Class I			221 LIGHT FUELS					
Waste Class: Waste Class I	Desc:		251 OIL SKIMMINGS &	SLUDGES				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>38</u>	14 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K1P1J1		GEN
Generator N Status:	lo:	ON0303	127		PO Box No: Country:	Canada	
Approval Ye Contam. Fa MHSW Faci SIC Code: SIC Descrip	cility: lity:	2015 No No 913910	913910		Choice of Contact: Co Admin: Phone No Admin:	CO_ADMIN Matthew Girard (613)748-4275 Ext.268	
<u>Detail(s)</u>							
Waste Class Waste Class			222 HEAVY FUELS				
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES			
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class Waste Class			212 ALIPHATIC SOLV	ENTS			
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES			
Waste Class Waste Class			112 ACID WASTE - HE	EAVY METALS			
Waste Class Waste Class			252 WASTE OILS & LI	JBRICANTS			
Waste Class Waste Class			251 OIL SKIMMINGS a	& SLUDGES			
Waste Class Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS		
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMIC	ALS		
Waste Class Waste Class			242 HALOGENATED F	PESTICIDES			
Waste Class Waste Class			148 INORGANIC LABO	ORATORY CHEM	ICALS		
Waste Class Waste Class			221 LIGHT FUELS				
<u>38</u>	15 of 32		ESE/119.5	87.9 / 1.00	CUMBERLAND, TOW MUNICIPAL ROADS ( CUMBERLAND ON K	GARAGE 2035 TRIM ROAD	GEN
Generator N Status:	lo:	ON02147	701		PO Box No: Country:		
Approval Ye Contam. Fa MHSW Facil	cility:	94,95,96			Choice of Contact: Co Admin: Phone No Admin:		
SIC Code:		8371					

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Descripti	ion:		TRANSPORTATIC	N ADMIN		
<u>Detail(s)</u>						
Waste Class: Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class			252 WASTE OILS & LU	IBRICANTS		
<u>38</u>	16 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON	GEN
Status: Approval Years: Contam. Facility:		ON9637	039		PO Box No: Country:	
		2013			Choice of Contact: Co Admin:	
MHSW Facilit SIC Code: SIC Descripti	-	913910			Phone No Admin:	
<u>Detail(s)</u>						
Waste Class: Waste Class			251 OIL SKIMMINGS &	SLUDGES		
Waste Class: Waste Class			221 LIGHT FUELS			
<u>38</u>	17 of 32		ESE/119.5	87.9 / 1.00	CUMBERLAND, TOWNSHIP OF MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	GEN
Generator No	):	ON0214	701		PO Box No:	
Status: Approval Yea		90,92,93,97			Country: Choice of Contact:	
Contam. Faci MHSW Facilit					Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	ion:	8371	TRANSPORTATIC	N ADMIN		
<u>Detail(s)</u>						
Waste Class: Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class: Waste Class			252 WASTE OILS & LU	JBRICANTS		
<u>38</u>	18 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	GEN
Generator No	):	ON0303	127		PO Box No:	
Status: Approval Yea Contam. Faci	ility:	2009			Country: Choice of Contact: Co Admin:	
MHSW Facilit SIC Code: SIC Descripti	-	913910	Other Local Munici	pal and Regional	Phone No Admin: Public Administration	

## Detail(s)

Waste Class: Waste Class Desc:		145 PAINT/PIGMENT	COATING RESIDU	JES				
Waste Class: Waste Class Desc:		212 ALIPHATIC SOL	VENTS					
Waste Class: Waste Class Desc:		213 PETROLEUM DI	STILLATES					
Waste Class: Waste Class Desc:		221 LIGHT FUELS						
Waste Class: Waste Class Desc:		222 HEAVY FUELS						
Waste Class: Waste Class Desc:		251 OIL SKIMMINGS	& SLUDGES					
Waste Class: Waste Class Desc:		252 WASTE OILS & L	52 VASTE OILS & LUBRICANTS					
Waste Class: Waste Class Desc:		263 ORGANIC LABO	33 RGANIC LABORATORY CHEMICALS					
Waste Class: Waste Class Desc:		331 WASTE COMPR	ESSED GASES					
<u>38</u> 19 of 32		ESE/119.5	87.9 / 1.00	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF 2035 TRIM ROAD NAVAN ON K4A 3K5	GEN			
Generator No:	ON0303	127		PO Box No:				
Status: Approval Years:	98,99,00	),01		Country: Choice of Contact:				
Contam. Facility: MHSW Facility:				Co Admin: Phone No Admin:				
SIC Code: SIC Description:	4599	OTHER TRANS.	SERV.					
<u>Detail(s)</u>								
Waste Class: Waste Class Desc:		241 HALOGENATED	SOLVENTS					
Waste Class: Waste Class Desc:		242 HALOGENATED	PESTICIDES					
Waste Class: Waste Class Desc:		252 WASTE OILS & L	UBRICANTS					
Waste Class: Waste Class Desc:		261 PHARMACEUTIC	CALS					
Waste Class: Waste Class Desc:		263 ORGANIC LABO	RATORY CHEMICA	ALS				
Waste Class:		260						
Waste Class Desc:		269 NON-HALOGEN	ATED PESTICIDES					

		Elev/Diff (m)	Direction/ Distance (m)		Number Record	Мар Кеу
		SED GASES	331 WASTE COMPRES			Waste Class: Waste Class
		VY METALS	112 ACID WASTE - HEA			Waste Class: Waste Class
	ALS	- OTHER META	122 ALKALINE WASTES			Waste Class: Waste Class
	JES	DATING RESIDU	145 PAINT/PIGMENT/CO			Waste Class: Waste Class
	CALS	ATORY CHEMI	148 INORGANIC LABOF			Waste Class: Waste Class
		NTS	212 ALIPHATIC SOLVEI			Waste Class: Waste Class
		LLATES	213 PETROLEUM DISTI			Waste Class: Waste Class
			221 LIGHT FUELS			Waste Class: Waste Class
			222 HEAVY FUELS			Waste Class: Waste Class
GEN	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	87.9 / 1.00	ESE/119.5		20 of 32	<u>38</u>
	PO Box No:		127	ON0303	o:	Generator No
	Country: Choice of Contact: Co Admin:			2010		Status: Approval Yea Contam. Faci
	Phone No Admin:			913910	ity:	MHSW Facilia SIC Code:
	Public Administration	al and Regional F	Other Local Municip		tion:	SIC Descripti
						<u>Detail(s)</u>
		STICIDES	242 HALOGENATED PE		•	Waste Class: Waste Class
			222 HEAVY FUELS			Waste Class: Waste Class
					Desc:	Waste Class
	JES	DATING RESIDU	145 PAINT/PIGMENT/C		:	Waste Class Waste Class Waste Class
			-		: Desc:	Waste Class:
	ALS	TORY CHEMICA	PAINT/PIGMENT/C		: Desc: Desc:	Waste Class: Waste Class Waste Class:
	ALS	TORY CHEMICA	PAINT/PIGMENT/CO 263 ORGANIC LABORA 148		:: Desc: Desc: Desc: Desc:	Waste Class: Waste Class Waste Class: Waste Class Waste Class
	ALS	TORY CHEMICA	PAINT/PIGMENT/CO 263 ORGANIC LABORA 148 INORGANIC LABOR 331		:: Desc: Desc: Desc: Desc: Desc:	Waste Class: Waste Class Waste Class Waste Class Waste Class Waste Class Waste Class
		STICIDES	HALOGENATED PE 222 HEAVY FUELS		Desc:	Waste Class: Waste Class Waste Class:

Мар Кеу	Numbe Record		Elev/Diff (m)	Site		DB		
Waste Clas Waste Clas		112 ACID WASTE - H	EAVY METALS					
Waste Clas Waste Clas		251 OIL SKIMMINGS	& SLUDGES					
Waste Clas Waste Clas		212 ALIPHATIC SOLV	212 ALIPHATIC SOLVENTS					
Waste Class: Waste Class Desc:		213 PETROLEUM DIS	213 PETROLEUM DISTILLATES					
<u>38</u>	21 of 32	ESE/119.5	87.9 / 1.00	City of Ottawa Public Services, East Road 2035 Trim Road Ottawa ON K1P1J1	c Works & Environmental s	GEN		
Generator Status: Approval Y Contam. Fa MHSW Fac SIC Code: SIC Descrij	/ears: acility: illity:	ON0303127 Registered As of Dec 2017		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada			
<u>Detail(s)</u>								
Waste Clas Waste Clas		148 I Misc. wastes and	inorganic chemica	ls				
Waste Clas Waste Clas		212 L Aliphatic solvents	and residues					
Waste Clas Waste Clas		112 C Acid solutions - co	ontaining heavy me	etals				
Waste Clas Waste Clas		331 R Waste compresse	d gases including	cylinders				
Waste Clas Waste Clas		242 B Halogenated pest	icides and herbicid	les				
Waste Clas Waste Clas		122 C Alkaline slutions -	containing other m	netals and non-metals (not c	yanide)			
Waste Clas Waste Clas		213 I Petroleum distillat	es					
Waste Clas Waste Clas		221 I Light fuels						
Waste Clas Waste Clas		222 I Heavy fuels						
Waste Clas Waste Clas		145 L Wastes from the u	use of pigments, co	patings and paints				
Waste Clas Waste Clas		252 L Waste crankcase	oils and lubricants					
Waste Clas	ss: ss Desc:	263 I Misc. waste orgar						

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			145 I Wastes from the u	se of pigments, co	atings and paints	
Waste Class Waste Class			331 I Waste compresse	d gases including	cylinders	
<u>38</u>	22 of 32		ESE/119.5	87.9 / 1.00	CUMBERLAND, TOWNSHIP OF 2035 TRIM ROAD CUMBERLAND ON K0A 1S0	GEN
Generator N	lo:	ON02147	701		PO Box No:	
Status: Approval Ye Contam. Fac MHSW Facil	cility:	98,99,00	,01		Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descript		8371	TRANSPORTATIO	on admin.	Filone No Admin.	
<u>Detail(s)</u>						
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	JES	
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			251 OIL SKIMMINGS a	& SLUDGES		
Waste Class Waste Class			252 WASTE OILS & LI	JBRICANTS		
<u>38</u>	23 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	GEN
Generator N	lo:	ON8991	136		PO Box No:	
Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	cility: lity:	02,03,04			Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	JES	
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS		
Waste Class Waste Class			122 ALKALINE WAST	ES - OTHER MET	ALS	
Waste Class Waste Class			148 INORGANIC LABO	ORATORY CHEM	ICALS	
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES		
						Orden Nev 0040000400

Order No: 20190802189

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Waste Clas Waste Clas			252 WASTE OILS & L	UBRICANTS		
Waste Clas Waste Clas			263 ORGANIC LABOF	RATORY CHEMIC	ALS	
<u>38</u>	24 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON K4A 3R2	GEN
Generator l	Vo:	ON9637	039		PO Box No:	
Status: Approval Y		2009			Country: Choice of Contact:	
Contam. Fa MHSW Faci					Co Admin: Phone No Admin:	
SIC Code: SIC Descriµ	otion:	913910	Other Local Munic	ipal and Regional	Public Administration	
<u>Detail(s)</u>						
Waste Clas Waste Clas			251 OIL SKIMMINGS	& SLUDGES		
<u>38</u>	25 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON	GEN
Generator l Status:	lo: ON0303127				PO Box No: Country:	
Approval Y Contam. Fa MHSW Faci	cility:	2013			Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descrip	-	913910			Filone No Admin.	
<u>Detail(s)</u>						
Waste Clas Waste Clas			213 PETROLEUM DIS	TILLATES		
Waste Clas Waste Clas			112 ACID WASTE - H	EAVY METALS		
Waste Clas Waste Clas			122 ALKALINE WAST	ES - OTHER MET	ALS	
Waste Clas Waste Clas			212 ALIPHATIC SOLV	ENTS		
Waste Clas Waste Clas			252 WASTE OILS & L	UBRICANTS		
Waste Clas Waste Clas			242 HALOGENATED	PESTICIDES		
Waste Clas Waste Clas			221 LIGHT FUELS			
Waste Clas Waste Clas			251 OIL SKIMMINGS	& SLUDGES		
Waste Clas	s:		331			

Map Key	Numbe Record		Direction/ Distance (m	Elev/Diff ) (m)	Site	D		
Waste Class	s Desc:		WASTE COMPR	ESSED GASES				
Waste Class Waste Class			263 ORGANIC LABO	RATORY CHEMIC	ALS			
Waste Class Waste Class			148 INORGANIC LAE	BORATORY CHEMI	CALS			
	Waste Class: Waste Class Desc:		222 HEAVY FUELS					
Waste Class Waste Class			145 PAINT/PIGMENT	COATING RESIDU	JES			
<u>38</u>	26 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	GEN		
Generator N	lo:	ON0303	127		PO Box No:			
Status: Approval Years:		05,06,07	,08		Country: Choice of Contact:			
Contam. Fa MHSW Facil					Co Admin: Phone No Admin:			
		913910	Other Local Muni					
<u>Detail(s)</u>								
Waste Class Waste Class			251 OIL SKIMMINGS	& SLUDGES				
Waste Class Waste Class			252 WASTE OILS & I	UBRICANTS				
Waste Class Waste Class			241 HALOGENATED	SOLVENTS				
Waste Class Waste Class			242 HALOGENATED	PESTICIDES				
Waste Class Waste Class			261 PHARMACEUTIC	CALS				
Waste Class Waste Class			263 ORGANIC LABO	RATORY CHEMIC	ALS			
Waste Class Waste Class			269 NON-HALOGEN	ATED PESTICIDES				
Waste Class Waste Class			331 WASTE COMPR	ESSED GASES				
Waste Class Waste Class			112 ACID WASTE - H	EAVY METALS				
Waste Class Waste Class			122 ALKALINE WAS <sup>-</sup>	TES - OTHER MET	ALS			
Waste Class Waste Class			145 PAINT/PIGMENT	COATING RESIDU	JES			
Waste Class	s:		148 INORGANIC LAE					

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			212 ALIPHATIC SOLVE	ENTS		
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES		
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			222 HEAVY FUELS			
<u>38</u>	27 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	GEN
Generator N Status: Approval Ye Contam. Fac	ars:	ON0303 2012	127		PO Box No: Country: Choice of Contact: Co Admin:	
MHSW Facility: SIC Code: 913910 SIC Description:		Other Local Munici				
<u>Detail(s)</u>						
Waste Class Waste Class			222 HEAVY FUELS			
Waste Class Waste Class			212 ALIPHATIC SOLVE	ENTS		
Waste Class Waste Class			148 INORGANIC LABC	RATORY CHEN	NICALS	
Waste Class Waste Class	-		213 PETROLEUM DIS	TILLATES		
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES		
Waste Class Waste Class			263 ORGANIC LABOR	ATORY CHEMIC	CALS	
Waste Class Waste Class			242 HALOGENATED P	ESTICIDES		
Waste Class Waste Class			145 PAINT/PIGMENT/0	COATING RESID	DUES	
Waste Class Waste Class			252 WASTE OILS & LU	JBRICANTS		
Waste Class Waste Class			112 ACID WASTE - HE	AVY METALS		
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			251 OIL SKIMMINGS 8	SLUDGES		

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>38</u>	28 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Orleans ON K4A 3R2	GEN
Generator N	o:	ON9637	039		PO Box No:	
Contam. Fac	Approval Years: Contam. Facility:				Country: Choice of Contact: Co Admin:	
MHSW Facili SIC Code: SIC Descript		913910	Other Local Munici	oal and Regional	Phone No Admin: Public Administration	
<u>Detail(s)</u>						
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES		
<u>38</u>	29 of 32		ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON K4A 3R2	GEN
Generator N	o:	ON9637	039		PO Box No:	
Status: Approval Ye		2012			Country: Choice of Contact:	
Contam. Fac MHSW Facili		913910			Co Admin: Phone No Admin:	
	SIC Code: SIC Description:		Other Local Munici	oal and Regional	Public Administration	
<u>Detail(s)</u>						
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES		
<u>38</u>	30 of 32		ESE/119.5	87.9 / 1.00	CUMBERLAND TWP ROADS DEPT 2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	PRT
Location ID: Type:			3687 private			
Expiry Date: Capacity (L): Licence #:			36380.00 0001008181			
<u>38</u>	31 of 32		ESE/119.5	87.9 / 1.00	PUC AT 2035 TRIM RD. AT THE CUMBERLAND TWP. YARD STORAGE TANK CUMBERLAND TOWNSHIP ON K4A 3R2	SPL
Ref No:		163441			Discharger Report:	
Site No: Incident Dt:		//			Material Group: Health/Env Conseq:	
Year: Incident Cau	ise:	PIPE/HC	SE LEAK		Client Type: Sector Type:	
Incident Eve Contaminan Contaminan	nt: t Code: t Name:				Agency involved: Nearest Watercourse: Site Address:	
Contaminan	t Limit 1:				Site District Office:	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Contam Limit F Contaminant U Environment In Nature of Impac Receiving Med Receiving Env: MOE Response Dt MOE Arvl on MOE Reported Dt Document C	IN No 1: mpact: CONFIRM ct: Soil contar lium: LAND : : : : : : : : : : : : :	nination		Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	20601	
Incident Reaso Site Name: Site County/Dis Site Geo Ref M Incident Summ Contaminant Q	strict: leth: nary:	NT FAILURE CUMBERLAND TW	P DIESEL FUI	Source Type:	IDERGROUND TANK.	

<u>38</u>	32 of 32	ESE/119.5	87.9 / 1.00	Harold Marcus Limited 2035 Trim Rd Ottawa ON K4A 3R2		SPL
Ref No:		5465-8Q4NAF		Discharger Report:		
Site No:				Material Group:		
Incident Dt.	:	01-JAN-12		Health/Env Conseq:		
Year:				Client Type:		
Incident Ca	use:	Pipe Or Hose Leak		Sector Type:	Motor Vehicle	
Incident Ev	ent:			Agency Involved:		
Contamina	nt Code:	15		Nearest Watercourse:		
Contamina	nt Name:	HYDRAULIC OIL		Site Address:	2035 Trim Rd	
Contamina				Site District Office:		
Contam Lin				Site Postal Code:		
Contamina				Site Region:	_	
Environme		Confirmed		Site Municipality:	Ottawa	
Nature of In		Other Impact(s)		Site Lot:		
Receiving I		Sewage - Municipal/Private a	nd Commercial	Site Conc:		
Receiving I				Northing:	NA	
MOE Respo		No Field Response		Easting:	NA	
Dt MOE Arv				Site Geo Ref Accu:		
MOE Repor		01-JAN-12		Site Map Datum:		
Dt Docume				SAC Action Class:	Land Spills	
Incident Re	ason:			Source Type:		
Site Name:		City of Ottawa Work	ks Yard			
Site County Site Geo Re						
Incident Su		Harold Marcus: hyd	fluid to and etd e	lpg <201		
Contamina	•	Tiarola Marcus. Hyu	nulu lo gru, clu, c			
Containina	n ey.					

39 1 of 1	NNW/128.5 85.9 / -1	.00 ON		BORE
<b>Borehole ID:</b> 616340		Inclin FLG:	No	
OGF ID: 215517129	)	SP Status:	Initial Entry	
Status:		Surv Elev:	No	
Type: Borehole		Piezometer:	No	
Use:		Primary Name:		
Completion Date: DEC-1960		Municipality:		
Static Water Level: 11.6		Lot:		
Primary Water Use:		Township:		
Sec. Water Use:		Latitude DD:	45.471238	
Total Depth m: -999		Longitude DD:	-75.455811	
Depth Ref: Ground Su	rface	UTM Zone:	18	
Depth Elev:		Easting:	464371	

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Drill Method:					Northing:	5035402	
Orig Ground Elev Reliabil		87.8			Location Accuracy: Accuracy:	Not Applicable	
DEM Ground Concession: Location D: Survey D: Comments:	Elev m:	88.1			,		
Borehole Ge	ology Stratu	<u>ım</u>					
Geology Stra	ntum ID:	218403699	9		Mat Consistency:		
Top Depth:		0	-		Material Moisture:		
Bottom Dept		27.4			Material Texture:		
Material Colo	or:	Blue			Non Geo Mat Type:		
Material 1:		Clay			Geologic Formation:		
Material 2:					Geologic Group:		
Material 3:					Geologic Period:		
Material 4:	Description				Depositional Gen:		
Gsc Material Stratum Desc	•	. (	CLAY. BLUE.				
Geology Stra	tum ID:	218403700	n		Mat Consistency:		
Top Depth:		27.4	0		Material Moisture:		
Bottom Dept	h:				Material Texture:		
Material Colo		Grey			Non Geo Mat Type:		
Material 1:		Gravel			Geologic Formation:		
Material 2:					Geologic Group:		
Material 3:					Geologic Period:		
Material 4:					Depositional Gen:		
Gsc Material Stratum Desc	•		CRAVEL WATER	STABLE AT 240 C	FEET CK CREV - 6000	BEDROCK. SEISMIC VELOCITY = 19500.	
on and m Dest	cription.	·			1 EE 1.0K. OKE 1. – 0000.		
<u>Source</u>							
Source Type.	:	Data Surve	еу		Source Appl:	Spatial/Tabular	
Source Orig:		Geological	Survey of Canad	а	Source Iden:	1	
Source Date:		1956-1972	2		Scale or Res:	Varies	
Confidence:		Μ			Horizontal:	NAD27	
Observatio:					Verticalda:	Mean Average Sea Level	
Source Name					n System (UGAIS)		
Source Detai Confiden 1:	IS:		Reliable information		) NTS_Sheet: 31G06E		
Source List							
Source Ident		1 Doto Sura	<u></u>		Horizontal Datum:	NAD27 Moon Average See Level	
Source Type		Data Surve 1956-1972			Vertical Datum:	Mean Average Sea Level	
Source Date: Scale or Res		1956-1972 Varies	<u>-</u>		Projection Name:	Universal Transverse Mercator	
Source Name			Urban Geology Au	tomated Informatio	n System (UGAIS)		
Source Origi			Geological Survey				
<u>40</u>	1 of 1		ESE/135.8	87.9 / 1.00	Ottawa ON	w	wis
Well ID:		7221027					
Construction	Date <sup>.</sup>	1221021			Data Entry Status: Data Src:		
Primary Wate		Monitoring	and Test Hole		Date Received:	5/30/2014	
Sec. Water U		0			Selected Flag:	Yes	
Final Well Sta		Test Hole			Abandonment Rec:		
Water Type:					Contractor:	7241	
••							
Water Type:					Contractor:	7241	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re: Depth to Beo Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	Z18 A15 ): liability: lrock: Bedrock: Level: ):	33166 57816		Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	7 2035 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
<u>Bore Hole Ini</u>	formation					
Improvement	s: sc: ted: 3/3 urce Date: t Location Sourd t Location Metho sion Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	88.614471 18 464661 5035154 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Ei Formation Ei	or: on Material: als: als: op Depth:	1005166922 1 6 BROWN 11 GRAVEL 28 SAND 85 SOFT 0 0.61 m				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo	or:	1005166924 3 2 GREY 05 CLAX				

Mat1:05Most Common Material:CLAYMat2:06Other Materials:SILTMat3:85Other Materials:SOFT

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top	Depth:	3.35			
Formation End		4.57			
Formation End	d Depth UOM:	m			
<u>Overburden ar</u> Materials Inter					
Formation ID:		1005166923			
Layer: Color:		2 2			
General Color.		GREY			
Mat1:		05			
Most Common	n Material:	CLAY			
Mat2:		06			
Other Material	s:	SILT			
Mat3: Other Material		73 HARD			
Formation Top		0.61			
Formation End	d Depth:	3.35			
Formation End		m			
<u>Annular Space</u> Sealing Recor	e/Abandonment d				
Plug ID:		1005166932			
Layer:		1			
Plug From: Plug To:		0 0.31			
Plug Depth UC	о <i>м-</i>	0.31 m			
r lug Deptil OC					
<u>Annular Space</u> Sealing Recor	e/Abandonment d				
Plug ID:		1005166934			
Layer:		3			
Plug From:		1.27			
Plug To: Plug Depth UC	<i></i>	4.57 m			
Flug Depth OC	)///.	m			
<u>Annular Space</u> <u>Sealing Recor</u>	e/Abandonment d				
Plug ID:		1005166933			
Layer:		2			
Plug From:		0.31			
Plug To:		1.27			
Plug Depth UC	DM:	m			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	D Direct Push			
<u>Pipe Informati</u>	on				
Pipe ID:		1005166921			
Casing No:		0			
Comment:		-			
-					

Alt Name:

## Construction Record - Casing

Casing ID:	1005166927
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

## **Construction Record - Screen**

Screen ID:	1005166928
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

## Hole Diameter

Hole ID:	1005166925
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

<u>41</u>	1 of 1	E/146.9	87.9 / 1.00	Ottawa ON		wwis
Well ID: Construction Primary Wa Sec. Water Final Well 3 Water Type Casing Mat Audit No: Tag: Construction Elevation (F Depth to Ba Well Depth Overburdee Pump Rate Static Wate Flowing (Y, Flow Rate: Clear/Cloud	ater Use: Use: Status: e: terial: m): Reliability: edrock: : n/Bedrock: : or Level: /N):	7221025 Monitoring and Test Hole 0 Test Hole Z183169 A156182		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/30/2014 Yes 7241 7 2035 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
Bore Hole	ID:	1004791060		Elevation:	88.673164	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
DP2BR:				Elevrc:		
Spatial Status				Zone:	18	
Code OB:				East83:	464675	
Code OB Dese	C:			North83:	5035171	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 3/31/2	2014		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sour	rco Dato:					
	Location Source:					
	Location Method:					
		•				
Source Revisi Supplier Com	ion Comment: ment:					
Overburden a	nd Bedrock					
Materials Inter						
Formation ID:		1005166867				
Layer:		1				
Color:		6				
General Color	:	BROWN				
Mat1:		11				
Maci. Most Commoi	n Mətorial:	GRAVEL				
	n Malenal.	-				
Mat2:		85				
Other Materia	ls:	SOFT				
Mat3:		68				
Other Material	ls:	DRY				
Formation Top	p Depth:	0				
Formation En	d Depth:	1.22				
	d Depth UOM:	m				
Materials Inter	rval	1005166868				
Overburden a Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Material Mat3: Other Material Formation Top	rval r: n Material: ls: ls: p Depth:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commoi Mat2: Dither Material Mat3: Dither Material Formation Top Formation End	rval r: n Material: ls: ls: p Depth: d Depth:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Other Material Mat3: Other Material Formation Top Formation End	rval r: n Material: ls: ls: p Depth:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Other Material Mat3: Other Material Formation Top Formation End	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: nd Bedrock	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat2: Other Material Formation Ent Cormation Ent Overburden an Materials Inter Formation ID:	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: nd Bedrock rval	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Formation Top Formation End Formation End Overburden an Materials Inter Formation ID: Layer:	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: nd Bedrock rval	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Materials Inter Formation ID: Layer: Color:	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Materials Inter Formation ID: Layer: Color:	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Materials Inter Formation End Formation End Formation ID: Layer: Color: General Color	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Materials Inter Formation End Formation End Formation ID: Layer: Color: General Color Mat1:	rval r: n Material: Is: Is: Joepth: d Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Materials Other Materials Other Materials Formation Top Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common	rval r: n Material: Is: Is: Joepth: d Depth: d Depth: d Depth UOM: <u>nd Bedrock</u> <u>rval</u>	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material Formation Top Formation End Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common Mat2:	rval r: n Material: ls: ls: b Depth: d Depth: d Depth UOM: nd Bedrock rval rval	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY 06				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Formation Top Formation End Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material	rval r: n Material: ls: ls: b Depth: d Depth: d Depth UOM: nd Bedrock rval rval	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY 06 SILT				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Materials Formation End Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3:	rval r: n Material: ls: ls: p Depth: d Depth: d Depth UOM: nd Bedrock rval rval rval n Material: ls:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY 06 SILT 85				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Materials Formation End Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3: Other Material	rval r: n Material: Is: p Depth: d Depth: d Depth UOM: nd Bedrock rval r: n Material: Is:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY 06 SILT 85 SOFT				
Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Other Material Other Material Formation End Formation End Formation End Formation End Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Other Material Mat3:	rval r: n Material: Is: p Depth: d Depth: d Depth UOM: nd Bedrock rval r: n Material: Is:	2 6 BROWN 05 CLAY 06 SILT 85 SOFT 1.22 3.35 m 1005166869 3 2 GREY 05 CLAY 06 SILT 85				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation El Formation El	nd Depth: nd Depth UOM:	4.57 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth L	юм:	1005166877 1 0 0.31 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166878 2 0.31 1.22 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166879 3 1.22 4.57 m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	D Direct Push			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005166866 0			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	1005166872 1 5 PLASTIC 0 1.5 4.03 cm m			
<u>Construction</u>	n Record - Screen				
Screen ID:		1005166873			

Мар Кеу	Number Records		Elev/Diff (m)	Site	DB
Layer: Slot: Screen Top I Screen End I Screen Mater Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: neter UOM:	1 10 1.5 4.57 5 m cm 4.82			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	JOM:	1005166870 8.25 0 4.57 m cm			
<u>42</u>	1 of 14	SW/150.0	88.0 / 1.08	Conseil des Ecoles Catholiques de Langue Francaise de Centre-Est 1999 Provence Ave Ottawa ON K4A 3Y6	CA
Certificate #: Application 1 Issue Date: Approval Typ Status: Application 1 Client Name: Client Name: Client Addre. Client City: Client Postal Project Desc Contaminant Emission Co	Year: pe: Type: ss: ss: Code: cription: ts:	6045-7CVQFX 2008 3/20/2008 Air Approved			
<u>42</u>	2 of 14	SW/150.0	88.0 / 1.08	Conseil des Ecoles Catholiques de Langue Francaise de Centre-Est 1999 Provence Ave Ottawa ON K1J 1A1	ECA
Approval No. Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type Address: Full Address Full PDF Lind	te: : : ame: pe: ::	6045-7CVQFX 2008-03-20 Approved ECA IDS ECA-AIR AIR 1999 Provence Ave https://www.access		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: 	
<u>42</u>	3 of 14	SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE 1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	GEN
Generator No Status:	0:	ON1285772		PO Box No: Country:	
131	erisinfo.co	m   Environmental Risk Info	ormation Servic	es Order No: 2	20190802189

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Approval Year Contam. Facili MHSW Facility SIC Code: SIC Descriptio	ity: /:	2010 611690	All Other Schools	and Instruction	Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class D	Desc:		263 ORGANIC LABOF	RATORY CHEMIC	ALS		
Waste Class: Waste Class D	Desc:		145 PAINT/PIGMENT/	COATING RESID	UES		
Waste Class: Waste Class D	Desc:		112 ACID WASTE - H	EAVY METALS			
Waste Class: Waste Class D	Desc:		252 WASTE OILS & L	UBRICANTS			
Waste Class: Waste Class D	Desc:		148 INORGANIC LAB	ORATORY CHEM	ICALS		
Waste Class: Waste Class D	Desc:		213 PETROLEUM DIS	STILLATES			
Waste Class: Waste Class D	Desc:		212 ALIPHATIC SOLV	/ENTS			
Waste Class: Waste Class D	Desc:		121 ALKALINE WAST	ES - HEAVY MET	ALS		
Waste Class: Waste Class D	Desc:		221 LIGHT FUELS				
<u>42</u>	4 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECO LANGUE 1999 AVENUE PRO ORLEANS ON K4A		GEN
Generator No: Status: Approval Year Contam. Facili MHSW Facility SIC Code: SIC Descriptio	rs: ity: /:	ON1285 2015 No No 611690	772 ALL OTHER SCH	OOLS AND INSTF	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: RUCTION	Canada CO_OFFICIAL Annie Ladouceur 613-746-3107 Ext.3	
<u>Detail(s)</u>							
Waste Class: Waste Class D	Desc:		212 ALIPHATIC SOLV	/ENTS			
Waste Class: Waste Class D	Desc:		121 ALKALINE WAST	ES - HEAVY MET	ALS		
Waste Class: Waste Class D	Desc:		331 WASTE COMPRE	ESSED GASES			
Waste Class: Waste Class D	Desc:		148 INORGANIC LAB	ORATORY CHEM	ICALS		
Waste Class:			213				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		PETROLEUM DIST	ILLATES			
Waste Class: Waste Class			146 OTHER SPECIFIED	) INORGANICS			
Waste Class: Waste Class			252 WASTE OILS & LUI	BRICANTS			
Waste Class: Waste Class			112 ACID WASTE - HE/	AVY METALS			
Waste Class: Waste Class			263 ORGANIC LABORA	TORY CHEMICA	LS		
Waste Class: Waste Class			145 PAINT/PIGMENT/C	OATING RESIDU	ES		
Waste Class: Waste Class			221 LIGHT FUELS				
<u>42</u>	5 of 14		SW/150.0	88.0 / 1.08	LANGUE	.ES CATHOLIQUES DE ES 1999 AV. PROVENCE Y6	GEN
Generator No Status: Approval Yea Contam. Facili MHSW Facili SIC Code: SIC Descripti	ars: ility: ty:	ON1285 01 8511	772 ELEMT./SECON. E	DUC.	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class: Waste Class			148 INORGANIC LABO	RATORY CHEMIC	CALS		
Waste Class: Waste Class			212 ALIPHATIC SOLVE	NTS			
Waste Class: Waste Class			213 PETROLEUM DIST	ILLATES			
Waste Class: Waste Class			252 WASTE OILS & LUI	BRICANTS			
Waste Class: Waste Class			263 ORGANIC LABORA	TORY CHEMICA	LS		
<u>42</u>	6 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECOL LANGUE 1999 AVENUE PROV ORLEANS ON K4A 3	-	GEN
Generator No	o:	ON1285	772		PO Box No:		
Status: Approval Yea Contam. Faci MHSW Facili	ility:	2016 No No			Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL Maryse Maryse Lafrance 6137463107 Ext.2	
SIC Code: SIC Descript	ion:	611690	ALL OTHER SCHO	OLS AND INSTRI	JCTION		

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Detail(s)</u>							
Waste Class: Waste Class			252 WASTE OILS & LUE	BRICANTS			
Waste Class: Waste Class			221 LIGHT FUELS				
Waste Class: Waste Class			212 ALIPHATIC SOLVEI	NTS			
Waste Class: Waste Class	Desc:		146 OTHER SPECIFIED	INORGANICS			
Waste Class: Waste Class	Desc:		331 WASTE COMPRES	SED GASES			
Waste Class: Waste Class			263 ORGANIC LABORA	TORY CHEMIC	ALS		
Waste Class: Waste Class	Desc:		148 INORGANIC LABOF	RATORY CHEMI	ICALS		
Waste Class: Waste Class			112 ACID WASTE - HEA	AVY METALS			
Waste Class: Waste Class	Desc:		145 PAINT/PIGMENT/CO	OATING RESIDI	JES		
Waste Class: Waste Class			213 PETROLEUM DISTI	ILLATES			
Waste Class: Waste Class	Desc:		121 ALKALINE WASTES	S - HEAVY MET	ALS		
<u>42</u>	7 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECO LANGUE 1999 AVENUE PRO ORLEANS ON K4A :		GEN
Generator No Status: Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	rs: lity: y:	ON12857 2014 No No 611690	ALL OTHER SCHOO	OLS AND INSTR	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: RUCTION	Canada CO_OFFICIAL Nathalie Fuhrmann 613-746-3107 Ext.3	
<u>Detail(s)</u>							
Waste Class: Waste Class			148 INORGANIC LABOF	RATORY CHEMI	ICALS		
Waste Class: Waste Class			145 PAINT/PIGMENT/CO	OATING RESIDU	JES		
Waste Class: Waste Class			213 PETROLEUM DISTI	ILLATES			
Waste Class: Waste Class			121 ALKALINE WASTES	S - HEAVY MET	ALS		
Waste Class: Waste Class			263 ORGANIC LABORA				

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			252 WASTE OILS & LI	UBRICANTS		
Waste Class Waste Class			146 OTHER SPECIFIE	ED INORGANICS		
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS		
Waste Class Waste Class			331 WASTE COMPRE	SSED GASES		
<u>42</u>	8 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE 1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	GEN
Generator No Status:	0:	ON1285	772		PO Box No: Country:	
Approval Yea Contam. Fac		2012			Choice of Contact: Co Admin:	
MHSW Facili SIC Code: SIC Descript	•	611690	All Other Schools	and Instruction	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			263 ORGANIC LABOF	ATORY CHEMIC	ALS	
Waste Class Waste Class			112 ACID WASTE - HI	EAVY METALS		
Waste Class Waste Class			121 ALKALINE WAST	ES - HEAVY MET	ALS	
Waste Class Waste Class			252 WASTE OILS & LI	UBRICANTS		
Waste Class Waste Class			148 INORGANIC LABO	ORATORY CHEM	ICALS	
Waste Class Waste Class			145 PAINT/PIGMENT/	COATING RESID	UES	
Waste Class Waste Class			212 ALIPHATIC SOLV	ENTS		
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES		
<u>42</u>	9 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	GEN

Мар Кеу	Numbe Record		Direction/ Distance (n	n)	Elev/Diff (m)	Site		D
						1999 AVENUE PRO ORLEANS ON K4A 3	-	
Generator No: Status:		ON1285	772			PO Box No: Country:		
Approval Years Contam. Facilit MHSW Facility.	ty:	2011				Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Description	n:	611690	All Other School	ls an	d Instruction			
<u>Detail(s)</u>								
Waste Class: Waste Class De	esc:		213 PETROLEUM D	ISTI	LLATES			
Waste Class: Waste Class De	esc:		263 ORGANIC LABO	ORA <sup>.</sup>	TORY CHEMIC	ALS		
Waste Class: Waste Class D	esc:		252 WASTE OILS & LUBRICANTS 121					
Waste Class: Waste Class D	esc:		121 ALKALINE WAS	STES	- HEAVY MET	ALS		
Waste Class: Waste Class D	esc:		148 INORGANIC LABORATORY CHEI			ICALS		
Waste Class: Waste Class D	esc:		221 LIGHT FUELS					
Waste Class: Waste Class De	esc:		112 ACID WASTE -	HEA	VY METALS			
Waste Class: Waste Class De	esc:		212 ALIPHATIC SOL		ITS			
Waste Class: Waste Class De	esc:		145 PAINT/PIGMEN	T/CO	DATING RESID	UES		
<u>42</u> 1	10 of 14		SW/150.0		88.0 / 1.08	CONSEIL DES ECO LANGUE 1999 AVENUE PRO ORLEANS ON K4A :		GEI
Generator No: Status: Approval Years Contam. Facility MHSW Facility. SIC Code: SIC Description	ty: :	ON1285 Registere As of De	ed			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>								
Waste Class: Waste Class D	esc:		112 C Acid solutions - (	conta	aining heavy me	etals		
Waste Class: Waste Class De	esc:		121 C Alkaline slutions	- co	ntaining heavy i	netals		
Waste Class: Waste Class D	esc:		145 I Wastes from the	e use	of pigments. co	patings and paints		

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			146 T Other specified inor	ganic sludges, slu	urries or solids	
Waste Class Waste Class			148 A Misc. wastes and in	organic chemical	S	
Waste Class Waste Class			148 B Misc. wastes and in	organic chemical	s	
Waste Class Waste Class			148 C Misc. wastes and in	organic chemical	s	
Waste Class Waste Class			148 I Misc. wastes and in	organic chemical	s	
Waste Class Waste Class			148 R Misc. wastes and in	organic chemical	s	
Waste Class Waste Class			212 B Aliphatic solvents ar	nd residues		
Waste Class Waste Class			213 I Petroleum distillates	;		
Waste Class Waste Class			221 I Light fuels			
Waste Class Waste Class			252 L Waste crankcase oil	ls and lubricants		
Waste Class Waste Class			263 A Misc. waste organic	chemicals		
Waste Class Waste Class			263 B Misc. waste organic	chemicals		
Waste Class Waste Class			263 I Misc. waste organic	chemicals		
Waste Class Waste Class	-		331 I Waste compressed	gases including o	cylinders	
<u>42</u>	11 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE 1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	GEN
Generator No Status:	o:	ON1285	772		PO Box No:	
Approval Ye Contam. Fac MHSW Facili	cility:	2009			Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descript	-	611690	All Other Schools ar	nd Instruction	i none no Admin.	
<u>Detail(s)</u>						
Waste Class Waste Class			112 ACID WASTE - HEA	AVY METALS		
Waste Class Waste Class			121 ALKALINE WASTES	S - HEAVY META	ALS	

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Order No: 20190802189

Map Key	Numbe Record		Elev/Diff n) (m)	Site	DB
Waste Class Waste Class		145 PAINT/PIGMEN	T/COATING RESIDU	JES	
Waste Class Waste Class		148 INORGANIC LA	BORATORY CHEMI	CALS	
Waste Class Waste Class		212 ALIPHATIC SOI	VENTS		
Waste Class Waste Class		213 PETROLEUM D	ISTILLATES		
Waste Class Waste Class		221 LIGHT FUELS			
Waste Class Waste Class		252 WASTE OILS &	LUBRICANTS		
Waste Class Waste Class		263 ORGANIC LABO	DRATORY CHEMICA	ALS	
<u>42</u>	12 of 14	SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE 1999 AVENUE PROVENCE ORLEANS ON K4A 3Y6	GEN
Generator N	o:	ON1285772		PO Box No:	
Status: Approval Ye	ars.	02,03,04,05,06,07,08		Country: Choice of Contact:	
Contam. Fac MHSW Facili SIC Code: SIC Descript	cility: ity:			Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class Waste Class	-	252 WASTE OILS &	LUBRICANTS		
Waste Class Waste Class		263 ORGANIC LABO		ALS	
Waste Class Waste Class		145 PAINT/PIGMEN	T/COATING RESIDU	JES	
Waste Class Waste Class		121 ALKALINE WAS	STES - HEAVY META	ALS	
Waste Class Waste Class		112 ACID WASTE -	HEAVY METALS		
Waste Class Waste Class		221 LIGHT FUELS			
Waste Class Waste Class		148 INORGANIC LA	BORATORY CHEMI	CALS	
Waste Class Waste Class		212 ALIPHATIC SOI	VENTS		
Waste Class Waste Class		213 PETROLEUM D	ISTILLATES		

Мар Кеу	Number Record		Elev/Diff m) (m)	Site		DI
<u>42</u>	13 of 14	SW/150.0	88.0 / 1.08	CONSEIL DES ECOL LANGUE 1999 AVENUE PROV ORLEANS ON K4A :		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	ears: cility: ity:	ON1285772 Registered As of Jul 2019		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class Waste Class		331 I Waste compres	sed gases including	cylinders		
Waste Class Waste Class		148 I Misc. wastes ar	nd inorganic chemica	ıls		
Waste Class Waste Class		148 B Misc. wastes ar	nd inorganic chemica	lls		
Waste Class Waste Class		263 I Misc. waste org	anic chemicals			
Waste Class Waste Class		213 I Petroleum distil	lates			
Waste Class Waste Class		148 A Misc. wastes ar	nd inorganic chemica	ıls		
Waste Class Waste Class		121 C Alkaline slution	s - containing heavy	metals		
Waste Class Waste Class	-	146 T Other specified	inorganic sludges, s	lurries or solids		
Waste Class Waste Class		145 I Wastes from th	e use of pigments, co	patings and paints		
Waste Class Waste Class		148 R Misc. wastes ar	nd inorganic chemica	ıls		
Waste Class Waste Class		148 C Misc. wastes ar	nd inorganic chemica	ıls		
Waste Class Waste Class		263 B Misc. waste org	anic chemicals			
Waste Class Waste Class		263 A Misc. waste org	anic chemicals			
Waste Class Waste Class		112 C Acid solutions -	containing heavy me	etals		
Waste Class Waste Class		221 I Light fuels				
Waste Class Waste Class		212 B Aliphatic solver	ts and residues			
Waste Class Waste Class		252 L Waste crankcas	se oils and lubricants	5		

Map Key	Numbe Record		Direction/ Distance (m	Elev/Diff ) (m)	Site		DE
<u>42</u>	14 of 14		SW/150.0	88.0 / 1.08	CONSEIL DES ECO LANGUE 1999 AVENUE PRO ORLEANS ON	LES CATHOLIQUES DE VENCE	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descrip	ears: cility: lity:	ON1285 2013 611690		IOOLS AND INSTR	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: RUCTION		
<u>Detail(s)</u>							
Waste Class Waste Class			252 WASTE OILS & L	UBRICANTS			
Waste Class Waste Class			112 ACID WASTE - H	IEAVY METALS			
Waste Class Waste Class			145 PAINT/PIGMENT	COATING RESID	UES		
Waste Class Waste Class			121 ALKALINE WAST	ES - HEAVY MET	ALS		
Waste Class Waste Class			146 OTHER SPECIFI	ED INORGANICS			
Waste Class Waste Class			212 ALIPHATIC SOL	/ENTS			
Waste Class Waste Class			263 ORGANIC LABO	RATORY CHEMIC	ALS		
Waste Class Waste Class			221 LIGHT FUELS				
Waste Class Waste Class			213 PETROLEUM DI	STILLATES			
Waste Class Waste Class			148 INORGANIC LAE	ORATORY CHEM	ICALS		
Waste Class Waste Class			331 WASTE COMPR	ESSED GASES			
<u>43</u>	1 of 1		ESE/165.1	87.9 / 1.00	Ottawa ON		wwws
Well ID: Constructio Primary Wat Sec. Water I Final Well S Water Type:	ter Use: Use: tatus:	7221024 Monitorir 0 Test Hole	ng and Test Hole		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	5/30/2014 Yes 7241	

Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m):

Z183168

A156181

erisinfo.com | Environmental Risk Information Services

Order No: 20190802189

7241

2035 TRIM RD

OTTAWA-CARLETON

CUMBERLAND TOWNSHIP

7

Contractor:

Owner:

County:

Form Version:

Street Name:

Municipality:

• •	Imber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Elevation Reliabil Depth to Bedrock Well Depth: Overburden/Bedro Pump Rate: Static Water Leve Flowing (Y/N): Flow Rate: Clear/Cloudy:	ck:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Informa	ation					
Bore Hole ID: DP2BR: Spatial Status:	100479	1057		Elevation: Elevrc: Zone:	88.831802 18	
Code OB:				East83:	464689	
Code OB Desc: Open Hole:				North83: Org CS:	5035145 UTM83	
Cluster Kind:				UTMRC:	4	
Date Completed: Remarks: Elevrc Desc:	3/31/20	14		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
ocation Source I	Date:					
Improvement Loca Improvement Loca Source Revision ( Supplier Commen	ation Method: Comment:					
Overburden and E Materials Interval	Bedrock					
Formation ID:		1005166843				
_ayer: Color:		3 2				
General Color:		2 GREY				
lat1:		05				
Aost Common Ma	terial:	CLAY				
<i>lat2:</i> )ther Materials:		06 SILT				
Mata:		85				
Other Materials:		SOFT				
Formation Top De		3.35				
Formation End De Formation End De		4.57 m				
<u>Dverburden and E</u> Materials Interval	Bedrock					
ormation ID: ayer:		1005166842 2				
olor:		6				
eneral Color: lat1:		BROWN 05				
lati: lost Common Ma	terial:	CLAY				
lat2:		06				
)ther Materials: lat3: )ther Materials:		SILT				
Formation Top De	pth:	0.91				
Formation End De	epth:	3.35				
Formation End De		m				
141 erisi	nfo.com   Env	ironmental Risk Info	rmation Servic	es	Order No: 201908	3021

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden a Materials Inte					
Formation ID Layer: Color: General Colo Mat1:		1005166841 1 6 BROWN 11			
Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er	als: als: pp Depth: nd Depth:	GRAVEL 28 SAND 85 SOFT 0 0.91			
<u>Annular Space</u>	nd Depth UOM: ce/Abandonment	m			
<u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To: Plug Depth U		1005166853 3 1.22 4.57 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166852 2 0.31 1.22 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166851 1 0 0.31 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction Code:	D Direct Push			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005166840 0			
<u>Construction</u>	Record - Casing				

Map Key	Number Records		Elev/Diff (m)	Site		DB
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	1005166846 1 5 PLASTIC 0 1.5 4.03 cm m				
Construction	Record - S	creen				
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Matern Screen Depth Screen Diame Screen Diame	Depth: ial: UOM: eter UOM:	1005166847 1 10 1.5 4.57 5 m cm 4.82				
Hole Diamete	<u>r</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	r UOM:	1005166844 8.25 0 4.57 m cm				
<u>44</u>	1 of 1	E/182.2	87.9 / 1.00	lot 1 con 8 Ottawa ON		WWIS
Well ID: Construction Primary Wate Sec. Water Us Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m). Elevation (m). Elevation Reli Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy:	r Use: se: htus: ial: Method: : iability: rock: Bedrock: Level: :	7221026 Test Hole Z183167 A156183		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/30/2014 Yes 7241 7 2035 TRIM RD OTTAWA-CARLETON CUMBERLAND TOWNSHIP 001 08 CON	
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des	5:	1004791063		Elevation: Elevrc: Zone: East83: North83:	88.914131 18 464710 5035166	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		D
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 3/31/20	014		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sour	ce Date:					
Improvement	Location Source:					
	Location Method:					
Source Revisi						
Supplier Com						
<u>Overburden a</u> Materials Inter						
Formation ID:		1005166912				
Layer:		3				
Color:		2				
General Color	:	GREY				
Mat1:	-	05				
Matt. Most Commor	Matorial	CLAY				
Most Commor Mat2:	i malerial.	06				
		SILT				
Other Material	5.					
Mat3:	-	85				
Other Material		SOFT				
Formation Top		3.35				
Formation End		4.57				
Formation End	d Depth UOM:	m				
<u>Overburden al</u> Materials Inter						
Formation ID:		1005166911				
Layer:		2				
Color:		6				
General Color	:	BROWN				
Mat1:		06				
Most Commor	n Material:	SILT				
Mat2:		05				
Other Material	s:	CLAY				
Mat3:	•••	85				
Other Material	le•	SOFT				
Formation Top		0.91				
Formation End		3.35				
Formation End	d Depth UOM:	m				
	,					
Overburden al Materials Inter						
Formation ID:		1005166910				
Layer:		1				
Color:		6				
General Color		BROWN				
Mat1:		11				
Most Commor	n Material:	GRAVEL				
Mat2:		28				
Other Material	s:	SAND				
Mat3:		85				
Other Material	s:	SOFT				
Formation Top		0				
Formation End		0.91				
	d Depth UOM:	m				
		111				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Annular Spa	ce/Abandonment ord				
Plug ID:		1005166918			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth U	JOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1005166919			
Layer:		2			
Plug From:		0.31			
Plug To:		1.27			
Plug Depth l	JOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1005166920			
Layer:		3			
Plug From:		1.27			
Plug To:		4.57			
Plug Depth L	IOM	4.57 m			
riug Deptil (	JOW.				
<u>Pipe Informa</u>	ation				
Pipe ID:		1005166909			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1005166915			
Layer:		1			
Material:		5			
Open Hole o	r Material:	PLASTIC			
Depth From:	;	0			
Depth To:		1.5			
Casing Diam	neter:	4.03			
Casing Diam	neter UOM:	cm			
Casing Dept	h UOM:	m			
<u>Construction</u>	n Record - Screen				
Screen ID:		1005166916			
Layer:		1			
Slot:		10			
Screen Top	Depth:	1.5			
Screen End	Depth:	4.57			
Screen Mate		5			
Screen Dept		m			
Screen Diam	neter UOM:	cm			
Screen Diam	neter:	4.82			
Hole Diamet	er				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter: Depth From: Depth To: Hole Depth U	ом <sup>.</sup>	8.25 0 4.57 m			
Hole Diamete		cm			
<u>45</u>	1 of 1	NNE/182.2	85.9 / -1.00	110 BRIARGATE [PRIVATE] OTTAWA ON K4A 0C5	HINC
External File I Fuel Occurren Date of Occur Fuel Type Inv Status Desc: Job Type Des Oper. Type In Service Interr Property Dam Fuel Life Cycl Root Cause: Reported Deta Fuel Category Occurrence T Affiliation: County Name Approx. Quan Nearby body Enter Drainag Approx. Quan Environmenta	nce Type: rrence: volved: volved: uptions: nage: le Stage: ails: y: ype: ype: t. Rel: of water: ge Syst.: nt. Unit:	FS INC 0611-04170 Pipeline Strike 10/30/2006 Natural Gas Completed - Causal Incident/Near-Miss Construction Site (e Yes Yes Utilization Root Cause: Equipr Management:Yes Gaseous Fuel Incident Industry Stakeholde Ottawa	Analysis(End) Occurrence (FS) xcluding pipeline nent/Material/Con Human Factors:Y	nponent:No Procedures:No Maintenance:N	lo Design:No Training:No

<u>46</u>	1 of 1	E/214.7	86.9 / 0.00	Ottawa ON		WWIS
Well ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Elevation (I Elevation (I Flow Rate: Clear/Cloud	ater Use: Use: Status: erial: on Method: m): Reliability: edrock: : n/Bedrock: : r Level: (N):	7221023 Monitoring and Test Hole 0 Test Hole Z183179 A155793		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	5/30/2014 Yes 7241 7 2033 TRIM ROAD OTTAWA-CARLETON CUMBERLAND TOWNSHIP	
<u>Bore Hole I</u> Bore Hole I DP2BR:		1004791054		Elevation:	88.685989	
DP2BR: Spatial Stat Code OB:	tus:			Elevrc: Zone: East83:	18 464731	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Ľ
Code OB Des	c:			North83:	5035257	
Open Hole:	0.			Org CS:	UTM83	
Cluster Kind:				UTMRC:	4	
		4.4				
Date Complet	ea: 4/1/20	14		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou	rce Date:					
Improvement	Location Source:					
Improvement	Location Method:					
	ion Comment:					
Supplier Com	iment:					
Overburden a						
Materials Inte	rval					
Formation ID:		1005166816				
Layer:		2				
Color:		6				
General Colo	r:	BROWN				
Mat1:		05				
Matt. Most Commo	n Mətorial:	CLAY				
Most Commo Mat2:	n matellal.	28				
Other Materia	115:	SAND				
Mat3:		85				
Other Materia		SOFT				
Formation To		0.31				
Formation En	d Depth:	1.22				
Formation En	d Depth UOM:	m				
Overburden a Materials Inte						
Formation ID:	-	1005166817				
Layer:		3				
Color:		2				
General Colo	r:	GREY				
Mat1:		05				
Most Commo	n Matorial·	CLAY				
Mat2:	n material.	06				
other Materia		SILT				
	iis:					
Mat3: Othor: Motoria	1.	85				
Other Materia		SOFT				
Formation To	p Depth:	1.22				
Formation En		4.57				
Formation En	d Depth UOM:	m				
<u>Overburden a</u> Materials Inte						
Formation ID:		1005166815				
Layer:		1				
		6				
Color: Conoral Colo	<b>.</b> .	BROWN				
General Colo	r:					
Mat1:		02				
Most Commo	n Material:	TOPSOIL				
Mat2:						
Other Materia	ls:					
Mat3:		85				
Other Materia	ls:	SOFT				
Formation To		0				
Formation En		0.31				
	d Depth UOM:	0.31 m				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166825 1 0 0.31 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166826 2 0.31 1.22 m			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1005166827 3 1.22 4.57 m			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction Code:	D Direct Push			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1005166814 0			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter: eter UOM:	1005166820 1 5 PLASTIC 0 1.52 4.03 cm m			
<u>Construction</u>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I	Depth:	1005166821 1 10 1.52			

Map Key	Numbe Record		Elev/Diff (m)	Site		DB
Screen End Screen Mate Screen Dept Screen Diam Screen Diam	erial: h UOM: neter UOM:	4.57 5 m cm 4.82				
Hole Diamet	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamet	JOM:	1005166818 8.25 0 4.57 m cm				
<u>47</u>	1 of 4	N/227.9	85.9 / -1.00	1427165 Ontario Limit 2000 Valin St Ottawa ON	ted	СА
Certificate #. Application Issue Date: Approval Ty, Status: Application Client Name Client Name Client Addre Client City: Client Posta Project Desc Contaminan Emission Co	Year: pe: Type: : sss: I Code: cription: ts:	0055-829UME 2010 2/12/2010 Municipal and Priva Approved	ate Sewage Works			
<u>47</u>	2 of 4	N/227.9	85.9 / -1.00	1427165 Ontario Limit 2000 Valin St Ottawa ON	ted	СА
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Addre Client City: Client Posta Project Desc Contaminan Emission Co	Year: pe: Type: : sss: I Code: cription: ts:	3430-857RGW 2010 5/7/2010 Municipal and Priva Approved	ate Sewage Works			
<u>47</u>	3 of 4	N/227.9	85.9/-1.00	1427165 Ontario Limit 2000 Valin St , Ottawa ON K2P 0Y6	ted	ECA
Approval No Approval Da Status: Record Type Link Source. SWP Area N	te: ::	3430-857RGW 2010-05-07 Approved ECA IDS Rideau Valley		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.4651 45.4722	
	orisinfo o	om   Environmental Risk Inf	ormation Services			Order No: 20190802189

erisinfo.com | Environmental Risk Information Services

Order No: 20190802189

Map Key	Number of Records	Direction/ Distance (m	Elev/Diff ) (m)	Site		DI
Approval Type Project Type: Address: Full Address:		MUNICIPAL ANE 2000 Valin St ,	AND PRIVATE SE PRIVATE SEWAG	SE WORKS		
Full PDF Link:		https://www.acce	ssenvironment.ene.	.gov.on.ca/instruments/4213	3-82KQNY-14.pdf	
<u>47</u>	4 of 4	N/227.9	85.9 / -1.00	1427165 Ontario Lin 2000 Valin St , Ottawa ON K2P 0Y6		ECA
Approval No: Approval Date Status: Record Type: Link Source: SWP Area Nar Approval Type: Project Type: Address: Full Address: Full Address:	9: 20 Ap EC ID <b>ne:</b> Ri 9:	deau Valley ECA-MUNICIPAL MUNICIPAL ANE 2000 Valin St ,	- AND PRIVATE SE PRIVATE SEWAG ssenvironment.ene.		Ottawa -75.4651 45.4722 1-7ZXUE9-14.pdf	
<u>48</u>	1 of 1	SSE/235.3	88.9 / 2.00	ORLEAN ON		WWI
Nell ID:	72	211753		Data Entry Status:		
Construction Primary Water		ot Used		Data Src: Date Received:	11/26/2013	
Sec. Water Us				Selected Flag:	Yes	
Final Well Star	tus: At	pandoned-Other		Abandonment Rec:	Yes	
Water Type:				Contractor:	7260	
Casing Materi Audit No:		159858		Form Version: Owner:	7	
Tag:	2	100000		Street Name:	2088 TRIM RD	
Construction	Method:			County:	OTTAWA-CARLETON	
Elevation (m):				Municipality:	CUMBERLAND TOWNSHIP	
Elevation Relia Depth to Bedr				Site Info: Lot:		
Well Depth:	00N.			Concession:		
Overburden/B	edrock:			Concession Name:		
Pump Rate:	l-			Easting NAD83:		
Static Water L Flowing (Y/N):				Northing NAD83: Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
Bore Hole Info	ormation					
Bore Hole ID:	10	004649965		Elevation:	89.166633	
DP2BR: Spatial Status				Elevrc: Zone:	18	
Code OB:	•			East83:	464579	
Code OB Desc	o:			North83:	5034953	
Open Hole:				Org CS:	UTM83	
Cluster Kind: Date Complete	ed: 6/	14/2013		UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m	
Remarks:	<b>.</b> 0/			Location Method:	wwr	
Elevrc Desc:						
Location Sour						
	Location Sou	r001				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revis	sion Comment: nment:				
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID:		1004950925			
Layer:		4			
Plug From:		110			
Plug To: Plug Depth L	IOM-	142 ft			
riug Depin C		n			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004950924			
Layer:		3			
Plug From:		40			
Plug To: Plug Depth L		110 ft			
Plug Depth C	JOM:	π			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004950923			
Layer:		2			
Plug From:		10			
Plug To:		40			
Plug Depth L	JOM:	ft			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1004950922			
Layer:		1			
Plug From:		-5			
Plug To: Plug Depth L	IOM	10 ft			
Flug Depuil C	JOM.	n			
<u>Pipe Informa</u>	<u>ation</u>				
Pipe ID:		1004950914			
Casing No:		0			
Comment: Alt Name:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1004950918			
Layer:					
Material:	u Matau'-1				
Open Hole of Depth From:					
Depth From: Depth To:					
Casing Diam	neter:				
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

# **Construction Record - Screen**

Map Key	Number Records		Elev/Diff (m)	Site		DI
Screen ID: Layer: Slot: Screen Top D Screen End D Screen Mater	epth:	1004950919				
Screen Depth Screen Diame Screen Diame	UOM: eter UOM:	ft inch				
Hole Diamete	<u>r</u>					
Hole ID: Diameter: Depth From: Depth To:		1004950916				
Hole Depth U Hole Diamete		ft inch				
<u>49</u>	1 of 1	W/276.7	86.9 / 0.00	MOTOR VEHICLE INNIS AT PROVENCE (OPERATING FLUID) OTTAWA CITY ON		SPL
Ref No: Site No:		203780		Discharger Report: Material Group:		
Incident Dt:		6/19/2001		Health/Env Conseq:		
Year: Incident Caus	<u>م،</u>	UNKNOWN		Client Type: Sector Type:		
Incident Even				Agency Involved:	CITY OF OTTAWA	
Contaminant				Nearest Watercourse:		
Contaminant Contaminant				Site Address: Site District Office:		
Contam Limit				Site Postal Code:		
Contaminant		D 11		Site Region:	22127	
Environment Nature of Imp	•	Possible Multi Media Pollution		Site Municipality: Site Lot:	20107	
Receiving Me		Land		Site Conc:		
Receiving En	v:			Northing:		
MOE Respons				Easting:		
Dt MOE Arvl o MOE Reporte		6/19/2001		Site Geo Ref Accu: Site Map Datum:		
Dt Document		0,10,2001		SAC Action Class:		
Incident Reas	son:	UNKNOWN		Source Type:		
Site Name: Site County/D	District:					
Site Geo Ref Incident Sum Contaminant	Meth: mary:	BRADLEY BUS LIN	IES:DIESEL FUI	EL TO ROAD AND SCHOOL	YARD,CITY CLEANING UP	
<u>50</u>	1 of 2	W/285.3	87.0 / 0.08	CLARIDGE COMMER PROVENCE AVE/INN CUMBERLAND ON	CIAL DEVELOPMENT INC. ES RD/VALIN RD	C
Certificate #:		3-1721-98-				
Application Y	'ear:	98				
Issue Date:		11/13/1998 Municipal courses				
Approval Typ Status:	e:	Municipal sewage Approved				
Application T	ype:					
Client Name:						
Client Addres	is:					

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client City: Client Postal Project Desc Contaminan	ription: ts:				
Emission Co	ntrol:				
<u>50</u>	2 of 2	W/285.3	87.0 / 0.08	CLARIDGE COMMERCIAL DEVELOPMENT INC. PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	CA
Certificate #: Application S Issue Date: Approval Ty Status: Application Client Name. Client Name. Client Addre Client City: Client Postal Project Desc Contaminant Emission Co	Year: be: Type: ss: Code: ription: ts:	7-1126-98- 98 11/13/1998 Municipal water Approved			

# Unplottable Summary

# Total: 46 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Urbandale Corporation	150 m south of Innes Road to 270 m south of Innes Road	Ottawa ON	
CA		Innes Road, Lot 1, Concession 9	Cumberland ON	
CA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	6095186 Canada Inc.		Ottawa ON	
CA	6095186 Canada Inc.		Ottawa ON	
CA	City of Ottawa	Trim Road between Blackburn Hamlet Bypass and Innes Rd	Ottawa ON	
CA	City of Ottawa	Trim Road (between proposed Blackburn Extension)	Ottawa ON	
СА	Trim Road	Trim Road Right-of-Way (South of Highway 174)	Ottawa ON	
CA	c.M. OF OTTAWA-CARLETON- TRANSPORT. DEPT.	RR # 57(TRIM RD.)/RR # 34	CUMBERLAND TWP. ON	
CA	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	VALIN ST., CUMBERLAND ELE.SCH.	CUMBERLAND ON	
CA	Provence Ave. Watermain	Pt. Lot 1, Con. 9, City of Cumberland	OTTAWA ON	
CA		Lot 1, Concession 9	Ottawa ON	
СА		Lot 1, Concession 9	Ottawa ON	
CA		Part of Lot 1, Concession 9	Cumberland ON	
CA		Part of Lot 1, Concession 9	Cumberland ON	
СА	Scully Way	Lot 1, Concession 9	Ottawa ON	
CA	Scully Way	Lot 1, Concession 9	Ottawa ON	

СА	A.J. ROBINSON & ASSOC.INC.BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
СА	R.C. EPISCOPAL CORP. OF OTTAWA	INNES RD., BLK. 43, (SWM)	CUMBERLAND TWP. ON	
СА	REDEEMER ALLIANCE CHURCH	INNES RD., BLOCK 105 (SWM)	CUMBERLAND TWP. ON	
СА		Provence Avenue, Valin Street	Ottawa ON	
СА		Trim Road Right-of-Way (South of Highway 174)	Ottawa ON	
СА	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	PT.LOT 1/CON.9,4R-11086 (SWM)	CUMBERLAND TWP. ON	
CA	6095186 Canada Inc.		Ottawa ON	
CONV	IMPERIAL OIL LIMITED		DON MILLS ON	
CONV	IMPERIAL OIL LIMITED		NORTH YORK ON	
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3
ECA	Urbandale Corporation	Trim Rd 182 metres to 384 metres south of Innes Road (Cumberland)	Ottawa ON	K1G 2H5
ECA	City of Ottawa	Trim Rd 150 m south of Innes Road to 270 m south of Innes Road	Ottawa ON	K2G 6J8
GEN	Hydro One Networks Inc	Navin DS Trim Road	Ottawa ON	
GEN	Hydro One Networks Inc	Navin DS Trim Road	Ottawa ON	
GEN	Hydro One Networks Inc	Navin DS Trim Road	Ottawa ON	
GEN	Hydro One Networks Inc	Navin DS Trim Road	Ottawa ON	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON	
SPL	ESSO PETROLEUM CANADA	ESSO DISTRIBUTION STATION BULK STATION	OTTAWA CITY ON	
SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON	
SPL	Esso Petroleum Canada, A Division of Imperial Oil Limited	Nepean	Ottawa ON	
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON	
SPL	Glen Tay Transportation GP Inc.	and Trim Road	Ottawa ON	

SPL	UNKNOWN	REG RD 57	CUMBERLAND TOWNSHIP ON
SPL	Purolator Courier	Eastbound Lanes just east of Innes Rd	Ottawa ON
SPL	Unknown <unofficial></unofficial>	Innes Rd Eastbound at Blair	Ottawa ON
WWIS		con 9	ON
WWIS			OTTAWA ON
WWIS		con 9	ON

# **Unplottable Report**

#### <u>Site:</u> Urbandale Corporation 150 m south of Innes Road to 270 m south of Innes Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3868-6SGSQG 2006 8/17/2006 Municipal and Private Sewage Works Approved

# <u>Site:</u>

Innes Road, Lot 1, Concession 9 Cumberland ON

Certificate #:	1013-4MSSCN
Application Year:	00
Issue Date:	8/2/00
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:	4475 Trail Rd.
Client City:	Nepean
Client Postal Code:	K0A 2Z0
Project Description:	Watermain Construction on Innes Road
Contaminants:	
Emission Control:	

#### <u>Site:</u> A.J. ROBINSON & ASSOC.INC. BRAM GROUP INNES ROAD CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1241-88-88 7/15/1988 Municipal sewage Approved Database: CA

Ottawa	ON

6095186 Canada Inc.

#### Certificate #:

Site:

5182-6B2NXQ

# Order No: 20190802189

CA

Database:

Database: CA

Database:

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2005 4/7/2005 Municipal and Private Sewage Works Approved

#### <u>Site:</u> 6095186 Canada Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1835-655NMG 2004 9/24/2004 Municipal and Private Sewage Works Approved

#### Site: City of Ottawa

Trim Road between Blackburn Hamlet Bypass and Innes Rd Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3089-87UGQH 2010 8/10/2010 Municipal and Private Sewage Works Approved

Site: City of Ottawa

#### Trim Road (between proposed Blackburn Extension) Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 8633-6ENKUM 2005 7/28/2005 Municipal and Private Sewage Works Approved Database: CA

Order No: 20190802189



Database: CA

#### <u>Site:</u> Trim Road Trim Road Right-of-Way (South of Highway 174) Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7160-5ADR5U 02 5/27/02 Municipal & Private water Approved New Certificate of Approval The Corporation of the City of Ottawa 1495 Heron Road, Pavilion 'M' Ottawa K1V 6A6 This application is for the construction of watermain and appurtanances on Trim Road and Innes Road.

#### <u>Site:</u> c.M. OF OTTAWA-CARLETON-TRANSPORT. DEPT. RR # 57(TRIM RD.)/RR # 34 CUMBERLAND TWP. ON

#### Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

3-0857-91-91 7/10/1991 Municipal sewage Approved

#### Database: CA

Database:

CA

#### <u>Site:</u> OTTAWA-CARLETON DISTRICT SCHOOL BOARD VALIN ST., CUMBERLAND ELE.SCH. CUMBERLAND ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1609-98-98 10/20/1998 Municipal sewage Cancelled Database:

#### <u>Site:</u> Provence Ave. Watermain Pt. Lot 1, Con. 9, City of Cumberland OTTAWA ON

 Certificate #:
 4752

 Application Year:
 00

 Issue Date:
 1/12

 Approval Type:
 Mun

 Status:
 Appr

 Application Type:
 New

 Client Name:
 Urbat

 Client Address:
 2193

4752-4FFS73 00 1/12/00 Municipal & Private water Approved New Certificate of Approval Urbandale Corporation 2193 Arch Street



Client City: Client Postal Code: Project Description: Contaminants: Emission Control: OTTAWA K1G 2H5 Watermains

1157-4UKJS3

Municipal & Private sewage

New Certificate of Approval

Urbandale Corporation

2193 Arch Street

Marwick Crescent.

01

3/7/01

Approved

OTTAWA

K1G 2H5

#### Site:

#### Lot 1, Concession 9 Ottawa ON

Database:

Database: CA

Database:

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description:

Contaminants: Emission Control:

#### Site:

#### Lot 1, Concession 9 Ottawa ON

Certificate #: 3312-4UKKJ7 Application Year: 01 Issue Date: 3/7/01 Approval Type: Municipal & Private water Status: Approved Application Type: New Certificate of Approval Client Name: Urbandale Corporation Client Address: 2193 Arch Street Client City: OTTAWA K1G 2H5 **Client Postal Code: Project Description:** Installation of watermains on Scala Avenue, Calico Crescent, Swallowtail Crescent, Block 216, and Markwick Crescent. Contaminants:

Installation of storm and sanitary sewers on Scala Avenue, Calico Crescent, Swallowtail Crescent, Block 216, and

# Emission Control:

Site:

# Part of Lot 1, Concession 9 Cumberland ON

Certificate #:	8853-4LAGZL
Application Year:	00
Issue Date:	6/15/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Claridge Commercial Development Incorporated
Client Address:	210 Gladstone Avenue
Client City:	Ottawa
Client Postal Code:	K2P 0P8
Project Description:	Construction of Sanitary and Storm Sewers on Mulder Avenue, Scully Way and the Easement on Block 43 from
	Provence Avenue
Contaminants:	

Emission Control:

Part of Lot 1, Concession 9 Cumberland ON



<u>Site:</u>

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

Site: Scully Way Lot 1, Concession 9 Ottawa ON

7377-4LAK72

Approved

Ottawa

K2P 0P8

Municipal & Private water

New Certificate of Approval

210 Gladstone Avenue

Claridge Commercial Development Incorporated

00 6/15/00

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: **Client Postal Code:** Project Description: Contaminants: **Emission Control:** 

9846-56XQCU 02 2/4/02 Municipal & Private sewage Approved New Certificate of Approval 1427165 Ontario Limited 210 Gladstone Avenue, Suite 2001 Ottawa K2P 0Y6 This application is for approval to install storm and sanitary sewers on Scully Way

Construction of Watermains on Mulder Avenue, Scully Way and the Easement on Block 89 from Innes Road

Site: Scully Way Lot 1, Concession 9 Ottawa ON

Certificate #:	7
Application Year:	0
Issue Date:	2
Approval Type:	Ν
Status:	A
Application Type:	Ν
Client Name:	1
Client Address:	2
Client City:	C
Client Postal Code:	ĸ
Project Description:	Т
Contaminants:	
Emission Control:	

7423-56XPWY )2 2/4/02 Nunicipal & Private water Approved New Certificate of Approval 427165 Ontario Limited 210 Gladstone Avenue, Suite 2001 Ottawa K2P 0Y6 This application is for approval to install watermains on Scully Way

#### Site: A.J. ROBINSON & ASSOC.INC.BRAM GROUP INNES ROAD CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 

7-1075-88-88 7/15/1988 Municipal water Approved

Database: CA

161

#### Database: CA

Database: CA

#### <u>Site:</u> R.C. EPISCOPAL CORP. OF OTTAWA INNES RD., BLK. 43, (SWM) CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1532-97-97 11/7/1997 Municipal sewage Approved

### <u>Site:</u> REDEEMER ALLIANCE CHURCH INNES RD., BLOCK 105 (SWM) CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1330-96-96 11/22/1996 Municipal sewage Approved Database:

Database:

# Site:

#### Provence Avenue, Valin Street Ottawa ON

#### Site:

Trim Road Right-of-Way (South of Highway 174) Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: 8720-5ADR94 02 5/27/02 Municipal & Private sewage Approved New Certificate of Approval The Corporation of the City of Ottawa

162

Database: CA

Database: CA

#### <u>Site:</u> CONSEIL DES ECOLES CATHOLIQUES DE LANGUE PT.LOT 1/CON.9,4R-11086 (SWM) CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1421-95-006 95 11/22/95 Municipal sewage Approved

<u>Site:</u> 6095186 Canada Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site:

File No:

Crown Brief No:

1047-5RMPEL 2003 9/24/2003 Municipal and Private Sewage Works Approved Database:

CA

Database:

EASTERN REGION

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

IMPERIAL OIL LIMITED

DON MILLS ON

FAILED TO COMPLY WITH CONDITIONS OF C. OF A.

Location:

**Ministry District:** 

Region:

#### Additional Details

Background: URL:

#### Publication Date:



Database: CA

Databas

Count: Act: Regulation: Section:	1 OWRA 66(3)			
Act/Regulation/Section: Date of Offence:	OWRA66(3)			
Date of Conviction: Date Charged: Charge Disposition:	6/4/93			
Fine: Synopsis:	\$6,000			
<u>Site:</u> IMPERIAL OIL LIMITED NORTH YORK ON				Database: CONV
File No: Crown Brief No: Court Location: Publication City: Publication Title: Act: Act: Act(s): First Matter: Second Matter:		Location: Region: Ministry District:	EASTERN REGION	
Investigation 1: Investigation 2: Penalty Imposed: Description: Background: URL:	FAILED TO INSPECT OIL/WATER SE	EPARATOR WEEKLY & M	AINTAIN LOG BOOK AT SITE	
Additional Details				
Publication Date: Count: Act: Regulation: Section: Act/Regulation/Section: Date of Offence: Date of Conviction: Date Charged: Charge Disposition: Fine: Synopsis:	1 OWRA 66(3) OWRA66(3) 6/4/93 \$4,000			
Additional Details				
Publication Date: Count: Act: Regulation: Section: Act/Regulation/Section: Date of Offence: Date of Conviction: Date Charged: Charge Disposition: Fine: Synopsis:	1 OWRA 66(3) OWRA66(3) 6/4/93 \$1,000			
<u>Site:</u> Ultramar Ltd. Part 1, Reference Plan 4	R-23561 Ottawa ON H3A 3L3			Database: ECA

#### Approval No: Approval Date: 1928-8W2Q6W 2012-07-10

MOE District: City:

Status:
Record Type:
Link Source:
SWP Area Name:
Approval Type:
Project Type:
Address:
Full Address:
Full PDF Link:

Approved ECA IDS

ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Part 1, Reference Plan 4R-23561

https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf

Longitude:

Geometry X: Geometry Y:

Latitude:

#### Site: Urbandale Corporation Database: Trim Rd 182 metres to 384 metres south of Innes Road (Cumberland) Ottawa ON K1G 2H5 Approval No: 3868-6SGSQG **MOE District:** 2006-08-17 Approval Date: City: Status: Approved Longitude: Record Type: ECA Latitude: IDS Link Source: Geometry X: SWP Area Name: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Approval Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: Address: Trim Rd 182 metres to 384 metres south of Innes Road (Cumberland) Full Address:

https://www.accessenvironment.ene.gov.on.ca/instruments/2961-6S5H89-14.pdf

#### City of Ottawa Site:

Full PDF Link:

Trim Rd 150 m south of Innes Road to 270 m south of Innes Road Ottawa ON K2G 6J8

Approval No:	4959-6K3J3C	MOE District:
Approval Date:	2005-12-15	City:
Status:	Approved	Longitude:
Record Type:	ECA	Latitude:
Link Source:	IDS	Geometry X:
SWP Area Name:		Geometry Y:
Approval Type:	ECA-MUNICIPAL AN	ID PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PF	RIVATE SEWAGE WORKS
Address:	Trim Rd 150 m south	of Innes Road to 270 m south of Innes Road
Full Address:		
Full PDF Link:	https://www.accesse	nvironment.ene.gov.on.ca/instruments/7424-6JVT56-14.pdf

#### Hydro One Networks Inc Site: Navin DS Trim Road Ottawa ON

ON2571108
2010
221122
Electric Power Distribution

#### Detail(s)

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

#### Site: Hydro One Networks Inc Navin DS Trim Road Ottawa ON

Generator No: Status: Approval Years: Contam. Facility: ON2571108 2012

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

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

> Database: GEN

**ECA** 

Database: **ECA** 

Database:

GEN

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MHSW Facility:
SIC Code:
SIC Description:

221122 Electric Power Distribution Phone No Admin:

PO Box No: Country:

PO Box No: Country:

Choice of Contact: Co Admin: Phone No Admin:

Choice of Contact: Co Admin: Phone No Admin:

#### Detail(s)

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

#### <u>Site:</u> Hydro One Networks Inc Navin DS Trim Road Ottawa ON

Generator No:	ON25712	108
Status:		
Approval Years:	2011	
Contam. Facility:		
MHSW Facility:		
SIC Code:	221122	
SIC Description:		Electric Power Distribution

#### Detail(s)

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

#### <u>Site:</u> Hydro One Networks Inc Navin DS Trim Road Ottawa ON

Generator No: Status:	ON2571108
Approval Years: Contam. Facility:	2009
MHSW Facility: SIC Code: SIC Description:	221122 Electric Power Distribution

## Detail(s)

 Waste Class:
 251

 Waste Class Desc:
 OIL SKIMMINGS & SLUDGES

#### <u>Site:</u> ULTRAMAR LTÉE OTTAWA OTTAWA ON

Headcode: Headcode Desc: Phone: List Name: Description:

# Site: ESSO PETROLEUM CANADA

924800

Oils-Fuel 6137275200

ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Ref No: Site No:	46877	Discharger Report: Material Group:
Incident Dt: Year:	2/21/1991	Health/Env Conseq: Client Type:
Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	CONTAINER OVERFLOW	Sector Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:
Contaminant Limit 1: Contam Limit Freq 1:		Site District Office: Site Postal Code:

\_\_\_\_\_

Database:

GEN

Database:

GEN

Database: RST

Database: SPL

Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	NOT ANTICIPATED LAND 2/21/1991 ERROR ESSO DISTRIB. STATION - 50 L FUR	Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:
--	---	--

#### <u>Site:</u> ESSO PETROLEUM CANADA TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Ref No: Site No:	59519	Discharger Report: Material Group:	
Incident Dt:	11/7/1991	Health/Env Conseq:	
Year: Incident Cause:	PIPE/HOSE LEAK	Client Type: Sector Type:	
Incident Event: Contaminant Code:		Agency Involved: Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1: Contam Limit Freq 1:		Site District Office: Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact: Nature of Impact:	NOT ANTICIPATED	Site Municipality: Site Lot:	20101
Receiving Medium:	LAND	Site Conc:	
Receiving Env: MOE Response:		Northing: Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt: Dt Document Closed:	11/7/1991	Site Map Datum: SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name: Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO-3 LITRES DIESEL FUELTO (	GRND UNDER LOADING RA	CK,COUPLING NOT CLOSED

<u>Site:</u> Esso Petroleun Nepean Ottaw	n Canada, A Division of Imperial Oil Limited a ON			Database: SPL
Ref No:	0874-78WNRU	Discharger Report:		
Site No:		Material Group:	Oil	
Incident Dt:		Health/Env Conseq:		
Year:		Client Type:		
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Tank Truck	
Incident Event:		Agency Involved:		
Contaminant Code:	13	Nearest Watercourse:		
Contaminant Name:	DIESEL FUEL	Site Address:		
Contaminant Limit 1:		Site District Office:		
Contam Limit Freq 1:		Site Postal Code:		
Contaminant UN No 1:		Site Region:		
Environment Impact:	Confirmed	Site Municipality:	Ottawa	
Nature of Impact:	soil contamiination	Site Lot:		
Receiving Medium:	Land	Site Conc:		
Receiving Env:		Northing:		
MOE Response:	No Field Response	Easting:		
Dt MOE Arvl on Scn:		Site Geo Ref Accu:		
MOE Reported Dt:	11/13/2007	Site Map Datum:		

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Incident Summary: Contaminant Qty: Database: SPL Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

11/16/2007 Equipment Failure 1961 Merivale Rd<UNOFFICIAL> SAC Action Class: Source Type:

Errentom Tanklines - 8L diesel to grd 8 L

### Site: ESSO PETROLEUM CANADA



Database:

SPL

TANK TRUCK	(CARGO) OTTAWA CITY ON		
Ref No:	47843	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	3/19/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality: 20	0101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/20/1991	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
	FOOD LIONE OONEODT TANK	TRUCK OBULER ADDROX 41 LIE	

ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND

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

Incident Summary: Contaminant Qty:

Ref No:	155190	Discharger Report:
Site No: Incident Dt:	5/1/1998	Material Group: Health/Env Conseg:
Year:		Client Type:
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:
Incident Event:		Agency Involved:
Contaminant Code:		Nearest Watercourse:
Contaminant Name:		Site Address:
Contaminant Limit 1:		Site District Office:
Contam Limit Freq 1:		Site Postal Code:
Contaminant UN No 1:		Site Region:
Environment Impact:	NOT ANTICIPATED	Site Municipality: 20101
Nature of Impact:		Site Lot:
Receiving Medium:	LAND	Site Conc:
Receiving Env:		Northing:
MOE Response:		Easting:
Dt MOE Arvl on Scn:		Site Geo Ref Accu:
MOE Reported Dt:	5/1/1998	Site Map Datum:
Dt Document Closed:		SAC Action Class:
Incident Reason:	NEGLIGENCE (APPARENT)	Source Type:
Site Name:		
Site County/District:		
Site Geo Ref Meth:		
Incident Summary: Contaminant Qty:	ESSU-100 L DIESEL TO LOT,	LOADING ARM NOT IN TRUCKSCOMPARTMENT, PUMP

STARTED.

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#### <u>Site:</u> Glen Tay Transportation GP Inc. and Trim Road Ottawa ON

Ref No: Site No: Incident Dt:	5226-9MB49B NA 2014/07/23	Discharger Report: Material Group:	
Year:	2014/07/23	Health/Env Conseq: Client Type:	
Incident Cause: Incident Event:	Collision/Accident	Sector Type: Agency Involved:	Truck - Transport/Hauling
Contaminant Code:	99	Nearest Watercourse:	Great Lakes - St. Lawrence; Lower Ottawa River; Rideau River; Ottawa River
Contaminant Name:	SAND/GRAVEL	Site Address:	and Trim Road
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:	Not Anticipated	Site Region:	0#000
Environment Impact: Nature of Impact:	Not Anticipated Soil Contamination	Site Municipality: Site Lot:	Ottawa
Receiving Medium:	Soli Contamination	Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Priority Field Response (ERP Callout)	Easting:	
Dt MOE Arvl on Scn:	2014/07/24	Site Geo Ref Accu:	
MOE Reported Dt:	2014/07/23	Site Map Datum:	
Dt Document Closed:	2014/11/21	SAC Action Class:	Land Spills
Incident Reason:	Operator/Human Error	Source Type:	
Site Name: Site County/District: Site Geo Ref Meth:	Regional Rd 174 Eastbound <unoff< th=""><th>ICIAL&gt;</th><th></th></unoff<>	ICIAL>	
Incident Summary: Contaminant Qty:	Glen Tay Transportation: ukn diesel to 200 kg	o ditch	

#### <u>Site:</u> UNKNOWN REG RD 57 CUMBERLAND TOWNSHIP ON

Ref No:	92704	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	10/24/1993	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20601
Nature of Impact:	Soil contamination	Site Lot:	2000.
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	REGION, FIRE
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	REGION, FIRE
MOE Reported Dt:	10/24/1993	Site Map Datum:	
Dt Document Closed:	10/24/1000	SAC Action Class:	
Incident Reason:	VANDALISM	Source Type:	
Site Name:		Source Type.	
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	25 4 L PAILS OF UNKNOWN CHEM		
-		IICAL LEI TAT SIDE OF RO	AD. I KOI TOKED.
Contaminant Qty:			

<u>Site:</u> Purolator Courier Eastbound Lanes just east of Innes Rd Ottawa ON

3071-98NH3R

Discharger Report: Material Group: Database: SPL

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Ref No: Site No:

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#### Database: SPL

Database:

SPL

Incident Dt: Year: Incident Cause: Incident Event:	14-JUN-13 Collision/Accident	Health/Env Conseq: Client Type: Sector Type: Agency Involved:	Truck - Transport/Hauling
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:	13 DIESEL FUEL	Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:	Eastbound Lanes just east of Innes Rd
Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Received	Not Anticipated Soil Contamination	Site Municipality: Site Lot: Site Conc: Northing:	Ottawa
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	No Field Response 14-JUN-13	Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Highway Spills (usually highway accidents)
Site County/District: Site Geo Ref Meth:	Operator/Human Error County Road 174 <unofficial></unofficial>	SAC ACtion class. Source Type:	
Incident Summary: Contaminant Qty:	Purolator TT Roll-over on Queensway 12 L	r - 12 L's of dsl to ditch	

#### Unknown<UNOFFICIAL> Site: Innes Rd Eastbound at Blair Ottawa ON

Ref No:	2061-8MDRQW	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	10/6/2011	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	Innes Rd Eastbound at Blair
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/6/2011	Site Map Datum:	
Dt Document Closed:	11/22/2011	SAC Action Class:	Land Spills
Incident Reason:		Source Type:	
Site Name:	MVA Site: Ottawa Roads <uno< td=""><td>FFICIAL&gt;</td><td></td></uno<>	FFICIAL>	
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: diesel on road.		
Contaminant Qty:			

01101	

<u>Site:</u> con 9 ON				Database: WWIS
Well ID:	1530979	Data Entry Status:		
Construction Date:		Data Src:	1	
Primary Water Use:	Domestic	Date Received:	12/9/1999	
Sec. Water Use:		Selected Flag:	Yes	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	6006	
Casing Material:		Form Version:	1	
Audit No:	206787	Owner:		
Tag:		Street Name:		
Construction Method:		County:	OTTAWA-CARLETON	

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Database: SPL

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

#### Bore Hole Information

10052513 Bore Hole ID: DP2BR: 50 Spatial Status: . Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 11/5/1999 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931077134 1 7 RED 05 CLAY 85 SOFT
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 4 ft

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931077138 5 6 BROWN 17 SHALE 80 POROUS
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	50 52 ft

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

Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

CUMBERLAND TOWNSHIP

09 CON

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

Formation ID:	931077136
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	6 44 ft

# Overburden and Bedrock Materials Interval

Formation ID:	931077137
Layer:	4
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Other Materials:	SOFT
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	44 50 ft

# Overburden and Bedrock Materials Interval

Formation ID:	931077139
Layer:	6
Color:	8
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	52 90 ft

#### Overburden and Bedrock Materials Interval

931077135
2
5
YELLOW
28
SAND
85
SOFT
4
6
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931077140
Layer:	7
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	90 130 ft

# Annular Space/Abandonment Sealing Record

Plug ID: Layer: Plug From:	933116148 1 0
Plug To:	60
Plug Depth UOM:	ft

#### Method of Construction & Well Use

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

# Pipe Information

Pipe ID:	10601083
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID: Layer: Material:	930091742 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930091743
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	130
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991530979
Pump Set At:	
Static Level:	26
Final Level After Pumping:	80
Recommended Pump Depth:	125
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	Ν

#### Draw Down & Recovery

Pump Test Detail ID:	934120561
Test Type:	Recovery
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934395417
Test Type:	Recovery
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934664699
Test Type:	Recovery
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934903878
Test Type:	Recovery
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

#### Water Details

Water ID:	933491304
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	90
Water Found Depth UOM:	ft

# <u>Site:</u>

OTTAWA ON



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

#### **Bore Hole Information**

DP2BR:

Code OB:

Remarks:

11550444 Bore Hole ID: Spatial Status: Code OB Desc: No formation data **Open Hole:** Cluster Kind: Date Completed: 5/2/2006 Elevrc Desc:

1536378

Z45502

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

#### Annular Space/Abandonment Sealing Record

Plug ID:	933294616
Layer:	1
Plug From:	0
Plug To:	0.61
Plug Depth UOM:	m

#### Annular Space/Abandonment Sealing Record

Plug ID:	933294617
Layer:	2
Plug From:	2.1
Plug To:	0.61
Plug Depth UOM:	m

#### Method of Construction & Well <u>Use</u>

Method Construction ID: Method Construction Code: Method Construction: **Other Method Construction:** 

В Other Method Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

6/6/2006 Yes Yes 6894 3

TRIM RD **OTTAWA-CARLETON** 15000

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

# Pipe Information

Pipe ID:	11560051
Casing No:	1
Comment:	
Alt Name:	

#### Hole Diameter

Hole ID: Diameter:	11681150 2.1
Depth From:	
Depth To:	0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

### Hole Diameter

Hole ID:	11681151
Diameter: Depth From:	80
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

#### Site:

Well ID:	1522179	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/24/1988
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:	17774	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	CUMBERLAND TOWNSHI
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	09
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB:	10043992 109 r	Elevation: Elevrc: Zone: East83:	18
Code OB: Code OB Desc: Open Hole: Cluster Kind:	Bedrock	North83: Org CS: UTMRC:	9
Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location	12/30/1987 Source:	UTMRC Desc: Location Method:	unknown UTM na

Improvement Location Method: Source Revision Comment: Database: WWIS

# Supplier Comment:

<u>Overburden and Bedrock</u> Materials Interval	
Formation ID: Layer:	931050482 2
Color: General Color: Mat1:	2 GREY 05
Most Common Material: Mat2: Other Materials:	CLAY
Mat3: Other Materials:	4
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	1 109 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer:	931050483 3
Color: General Color: Mat1:	2 GREY 15
Most Common Material: Mat2: Other Materials:	LIMESTONE
Mat3: Other Materials:	
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	109 113 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color:	931050481 1
General Color: Mat1: Most Common Material:	02 TOPSOIL
Mat2: Other Materials:	
Mat3: Other Materials: Formation Top Depth:	0
Formation End Depth: Formation End Depth UOM:	1 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	4 Rotary (Air)

#### Pipe Information

Pipe ID:	10592562
Casing No:	1

#### Comment: Alt Name:

# Construction Record - Casing

	000070040
Casing ID:	930076918
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	113
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer:	930076917 1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	111
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991522179
Pump Set At:	
Static Level:	23
Final Level After Pumping:	113
Recommended Pump Depth:	60
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	11
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:	Ν

# Draw Down & Recovery

Pump Test Detail ID:	934654529
Test Type:	Recovery
Test Duration:	45
Test Level:	23
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934903361
Test Type:	Recovery
Test Duration:	60
Test Level:	23
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934392978
Test Type:	Recovery
Test Duration:	30
Test Level:	23
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934109293
Test Type:	Recovery
Test Duration:	15
Test Level:	23
Test Level UOM:	ft

# Water Details

Water ID:	933479972
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	113
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:

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:

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2018

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

Government Publication Date: 1800-Oct 2018

Abandoned Mine Information System:

# Anderson's Waste Disposal Sites:

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

Government Publication Date: 1860s-Present

#### Automobile Wrecking & Supplies:

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type. Government Publication Date: 1999-Jan 31, 2019

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.

Certificates of Approval: 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\*

Government Publication Date: 1875-Jul 2018

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Provincial

AAGR

AGR

ANDR

AUWR

BORE

Provincial

Provincial

Private

Private

#### Provincial

Provincial

Borehole:

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

Government Publication Date: Oct 2011-Jun 31, 2019

(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".

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks:

tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Certificate of Property Use.

Provincial DRI

Drill Hole Database: 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

Government Publication Date: 1989-May 2019 Provincial CPU

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

**Compressed Natural Gas Stations:** Private

Private CHEM

Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the

Government Publication Date: Feb 28, 2017 Chemical Register:

distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes

(i.e. fractionation, solvent extraction, crystallization, etc.). Government Publication Date: 1999-Jan 31, 2019

CNG

record date provided here.

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

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3.000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Mar 2019 Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

or 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.

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

# Government Publication Date: 1994-Jun 30, 2019

# Government Publication Date: 1886 - Oct 2018

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# Federal

CDRY

CFOT

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

Provincial List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA).

FXP

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# Environmental Registry:

# Government Publication Date: 1994-Jun 30, 2019

Orders please refer to those individual databases.

Environmental Compliance Approval: 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.

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

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)

Government Publication Date: Oct 2011-Jun 30, 2019

# Environmental Effects Monitoring:

## Government Publication Date: 1992-2007\*

Environmental Issues Inventory System:

#### ERIS Historical Searches:

#### ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page. Government Publication Date: 1999-Apr 30, 2019

database provides information on the mill name, geographical location and sub-lethal toxicity data.

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: **FMHE** List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017. Government Publication Date: Dec 31, 2016

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

# List of TSSA Expired Facilities:

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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Provincial

EBR

EEM

EHS

FIIS

Provincial

Federal

Private

Federal

Provincial

Provincial

Provincial

# Order No: 20190802189

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental

Provincial

Provincial

Federal

Provincial

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#### Greenhouse Gas Emissions from Large Facilities: List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

# dioxide equivalents (kt CO2 eq).

# Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: 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

Government Publication Date: 1986-Jul 31, 2019

# Ontario Regulation 347 Waste Generators Summary:

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.

Federal Convictions:

Government Publication Date: 1988-Jun 2007\*

Government Publication Date: Jun 2000-May 2019

contents & capacity, and date of tank installation. Government Publication Date: 1964-Sep 2018

Contaminated Sites on Federal Land:

Fisheries & Oceans Fuel Tanks:

Fuel Storage Tank:

Government Publication Date: Feb 28, 2017 Fuel Storage Tank - Historic:

are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Provincial 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

Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks.

collected by the Technical Standards and Safety Authority. Government Publication Date: Pre-Jan 2010\*

GEN Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection,

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\*

Federal

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

Federal

FCS The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies

**FCON** 

FOFT

Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or

FST

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

# **FSTH**

GHG

HINC

# Indian & Northern Affairs Fuel Tanks:

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

Government Publication Date: 1950-Aug 2003\*

# TSSA Incidents:

#### List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

# Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status. Government Publication Date: Feb 28, 2019

Canadian Mine Locations: 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:

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

Government Publication Date: 1846-Jan 2019

#### National Analysis of Trends in Emergencies System (NATES):

# 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:

#### Sectoral Regulation or specific regulation/act. Government Publication Date: Dec 31, 2017

## National Defense & Canadian Forces Fuel Tanks:

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.

limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval,

Government Publication Date: Up to May 2001\*

Federal

IAFT

INC

LIMO

MINE

**MNR** 

NATE

NCPL

NDFT

## Provincial

Provincial

Private

Provincial

Federal In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Provincial The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable

## Federal

# 184

# National Defense & Canadian Forces Spills:

under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status. Government Publication Date: 2001-Apr 2007\*

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

National Energy Board Pipeline Incidents:

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction. Government Publication Date: 2008-Dec 31, 2018

National Energy Board Wells: 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):

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: 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: Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

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. Government Publication Date: 1988-May 31, 2019

comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

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

Government Publication Date: 1800-May 2018

erisinfo.com | Environmental Risk Information Services

Federal

NDSP

**NEBI** 

NFFS

Federal

Federal

Federal

Federal

Private

Federal

OOGW

**NPRI** 

OGWE

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Inventory of PCB Storage Sites:

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

### Orders:

### Canadian Pulp and Paper:

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

The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

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

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

quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

#### Parks Canada Fuel Storage Tanks:

Government Publication Date: 1920-Jan 2005\*

Government Publication Date: 1988-Mar 2019

Government Publication Date: Feb 28, 2017

Government Publication Date: 1994-Jun 30. 2019

#### Pesticide Register: The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Provincial TSSA Pipeline Incidents: PINC List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Private and Retail Fuel Storage Tanks: 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:

#### This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water. Government Publication Date: 1994-Jun 30, 2019

Ontario Regulation 347 Waste Receivers Summary: RFC Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-2016

Provincial

Provincial

Private

PCFT Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites.

OPCB

ORD

PAP

PES

PTTW

Provincial

Federal

Provincial

Provincial

Provincial

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Scott's Manufacturing Directory:

Government Publication Date: 1988-Feb 2019

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

Government Publication Date: 1990-Dec 31, 2017

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\*

Anderson's Storage Tanks:

#### Transport Canada Fuel Storage Tanks:

Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type. Government Publication Date: 1970-Aug 2018

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA

Government Publication Date: Feb 28, 2017

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#### Record of Site Condition:

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-May 2019

#### Retail Fuel Storage Tanks:

#### This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks. Government Publication Date: 1999-Jan 31, 2019

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:** 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.

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

TSSA Variances for Abandonment of Underground Storage Tanks:

updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Provincial

Private

Private 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

Provincial

Provincial

Private

Federal

Provincial

VAR

RSC

RST

SCT

SPL

TANK

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

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

Government Publication Date: Feb 28, 2019

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

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

Government Publication Date: Oct 2011-Jun 31, 2019

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

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.

#### Water Well Information System:

Provincial

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**WWIS** 

**WDS** 

**WDSH** 

Provincial

Provincial

## 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.

<u>Map Key:</u> 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.'

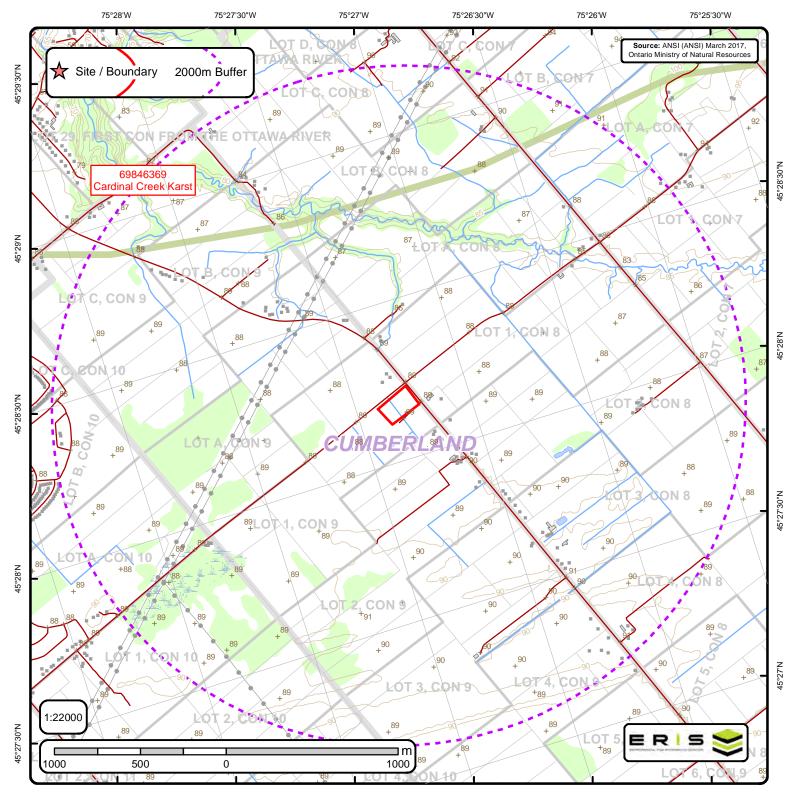
<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX F MECP FOI Search Request This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

R	equester Data		For Ministr	y Use	Only
Name, Title, Company Name and Mailing			FOI Request No.		FOI Co-ordinator Review date
Julie Crooks					
Pinchin Ltd.			Date Request Received		Fee Paid
1 Hines Road, Suite 200 Kanata, Ontario					~ ACCT ~ CHQ
K2K 3C7			Response Due Date		☑ VISA ~ CASH
For questions or concerns ple	ase contact Julie Crool	<b>ks</b> at:	Response Due Date		
jcrooks@pinchin.com					
Telephone/Fax Nos.	Your Project/Reference S	Signature of Requester			□ NOR □ SWR □
Tel: (613) 592-3387 ext	No.	Canto	WCR		
1833	246763	Hucches		IEB	EAA
Fax (613) 592-5897		V			
Request Paramet Municipal Address / Lot, Concession, Ge	ers	ddroop oppontial far aitigs (			
		ddress essential for cities, i	towns or regions)		
5150 Innes Road Ottawa Ont Present Property Owner(s) and Date(s) of					
Crombie REIT					
Previous Property Owner(s) and Date(s)	of Ownership				
Present/Previous Tenant(s),(if applicable	)				
Search Paramete	rs				Specify Year(s)
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.					Requested
Environmental concerns (General correspondence, occurrence reports, abatement)			ALL		
Orders			ALL		
Spills			ALL		
Investigations/prosecutions    Owner/tenant information must be provided			ALL		
Waste Generator number/classes			ALL		
C 1985 and prior records are searcl searched. Specify Certificates of maps, plans, hydrogeological rep	Approval number (s) (if known	s in excess of \$300.00	could be incurred, depend	ing on tł	ne types and years to be
SD		Specify Year(s) Requested			
air – emissions					
water - mains, treatmen pumping station	t, ground level, stan s (local & booster)	dpipes & elevated	d storage,		
sewage - sanitary, storm, treatment, stormwater, leachate & leachate					
treatment & sewage pump stations					
waste water - industrial discharge					
waste sites - disposal, la incinerator		stations, process	sing sites,		
waste - haulers: sewage, non-hazardous & hazardous waste					
systems - mobile waste processing units					
- PCB destruction					
pesticides - licenses					

pesticides - licenses

APPENDIX G Maps



Area of Natural & Scientific Interest (ANSI) Order No. 20190802189

+ Spot Height	Transportation Structure	Contour Line	Wooded Area
<ul> <li>Building Point</li> </ul>	•—•— Utility Line	Pit or Quarry	Conservation Authority
A Towers	Water Structure	Waterbody	Conservation Area
<ul> <li>Utility Site Poin</li> </ul>	t Drainage Line Feature	📜 💒 Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	ANSI Area

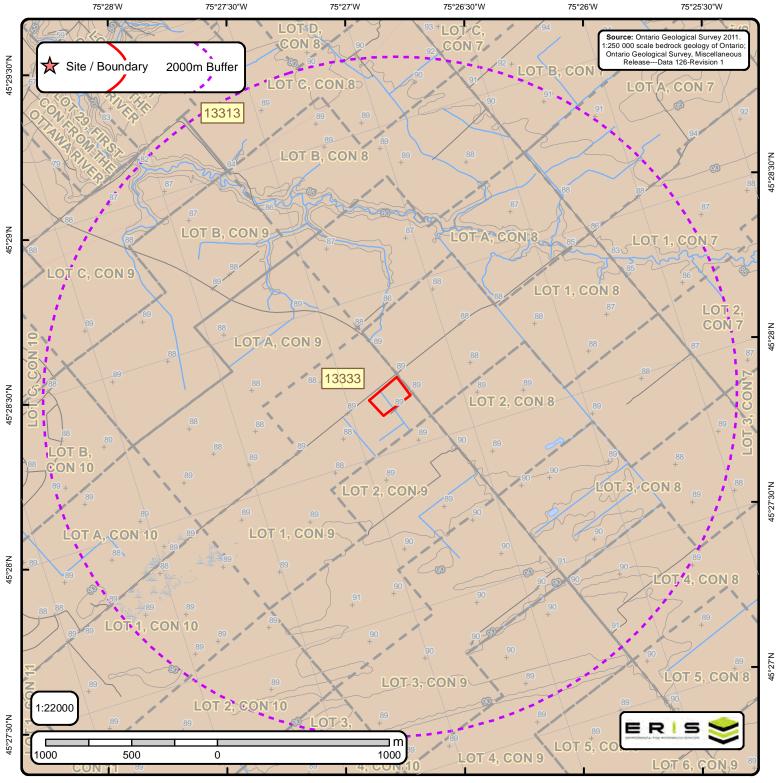


Page 1 **Order No.** 20190802189



ANSI Name: Cardinal Creek Karst

ID: 69846369 | Type: ANSI, Earth Science | Significance: Provincial | Management Plan: | Area (sqm): 10313.242 | Comments:



# Bedrock Geology of Ontario

I					
I	+ Spot Height	Bedrock Geology Lines	Dikes	Marathon, Kapuskasing or Biscotasing mafic dike	C Lines
I	Roads	CONTACT, GEOPHYSICAL, TREND, INTERPRETED	Abitibi mafic dike	Matachewan mafic dike	FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
		CONTACT, SHARP, TREND, INTERPRETED	<ul> <li>Biscotasing mafic dike</li> </ul>	Mine Centre mafic dike	FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
I	Contour Lines	CONTACT, SHARP, TREND, OBSERVED	Empey Lake mafic dike	Molson mafic dike	FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
I		FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Felsic to intermediate intrusive rocks	North Channel mafic dike	FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
	Streams	FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION	Fort Frances mafic dike	Pickle Crow mafic dike (Molson swarm) normal	FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
I		FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Frontenac mafic dike	Pickle Crow mafic dike (Molson swarm) reverse	FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
I	Lots	FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Grenville mafic dike	Rideau mafic dike	FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION
I		FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION	Logan and Nipigon mafic sills	Sudbury mafic dike	Kimberlite
I	Pit or Quarry	FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION	Mackenzie mafic dike	Ultramafic, gabbroic and granophyric intrusions	Kiniberiite
I	Airports	FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION	Mafic dikes of uncertain age	Unsubdivided mafic dike	
I		FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION	Mafic sills and dikes	Unsubdivided mafic dike (Keweenawan age)	
I	Waterbody	NEATLINE	Marathon mafic dike	unknown	
	Wetlands	ONTARIO BORDER			
I		Marble, chert, iron formation, minor metavolcanic rocks			

Order No. 20190802189



**Bedrock Geology Report** Bedrock Geology units found within 2000 m of

Page 1 Order No. 20190802189



#### ID: 13333 | Unit Name: |

Type (All): 54a | Type (Primary): 54a | Type (Secondary): | Type (Tertiary): | Rock Type (Primary): Limestone, dolostone, shale, arkose, sandstone | Strata (Primary): Ottawa Group; Simcoe Group; Shadow Lake Formation | 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): MIDDLE ORDOVICIAN (now considered UPPER DEVONIAN) | Province (Primary):

#### ID: 13313 | Unit Name: |

Type (All): 54b | Type (Primary): 54b | Type (Secondary): | Type (Tertiary): | Rock Type (Primary): Limestone, dolostone, shale, arkose, sandstone | Strata (Primary): Chazy Group; Rockcliffe Formation | 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): MIDDLE 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) NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga) PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga) MESO-TO PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga) MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga) MESOZOIC (65.5 Ma to 251.0 Ma)

MESOPROTEROZOIC (1.0 Ga to 1.6 Ga) EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga) NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga) PALEOZOIC (251.0 Ma to 542.0 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:

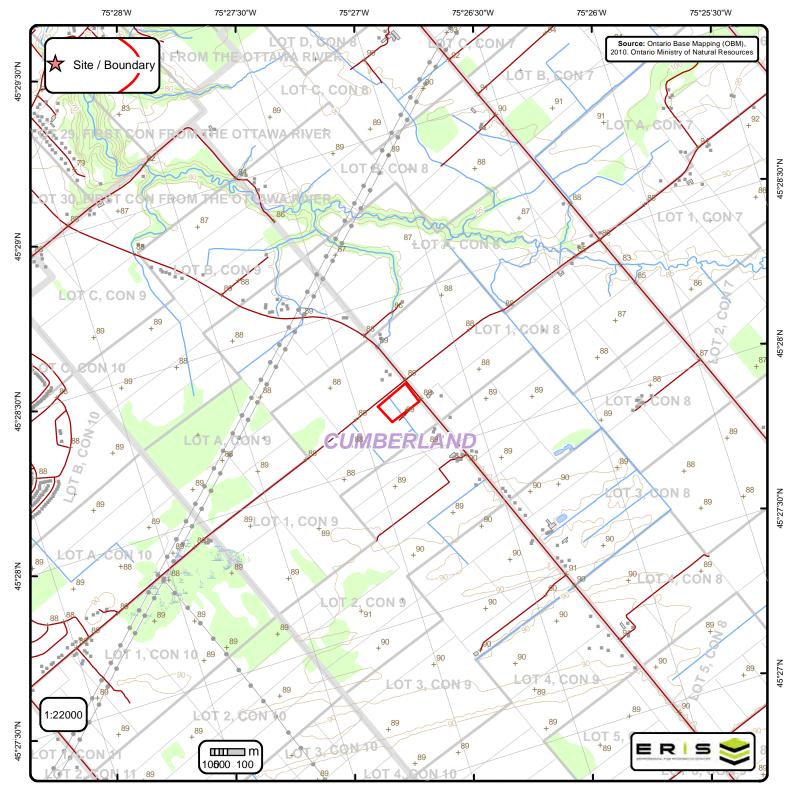
CAMBRIAN (488.3 Ma to 542.0 Ma) ORDOVICIAN (443.7 Ma to 488.3 Ma) SILURIAN (416.0 Ma to 443.7 Ma) DEVONIAN (359.2 Ma to 416.0 Ma) MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma) JURASSIC (145.5 Ma to 199.6 Ma) CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

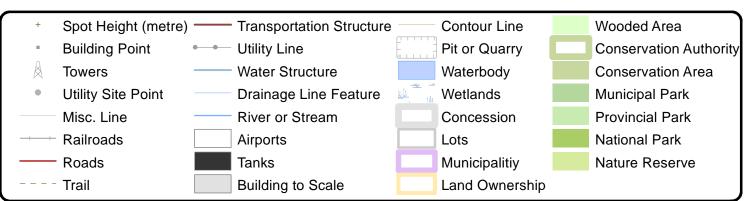
LOWER ORDOVICIAN	UPPER SILURIAN
MIDDLE ORDOVICIAN	LOWER DEVONIAN
UPPER ORDOVICIAN	MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN	UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN	LOWER CRETACEOUS AND MIDDLE JURASSIC

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

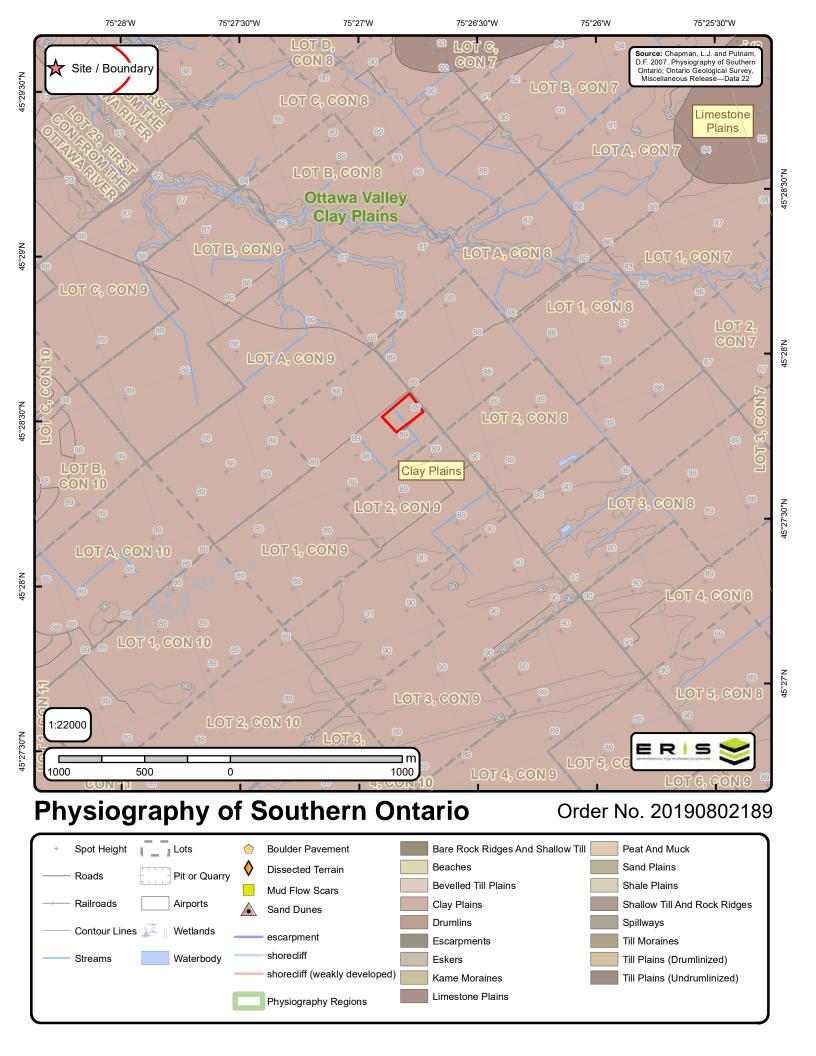
SUPERIOR SOUTHERN SUPERIOR GRENVILLE

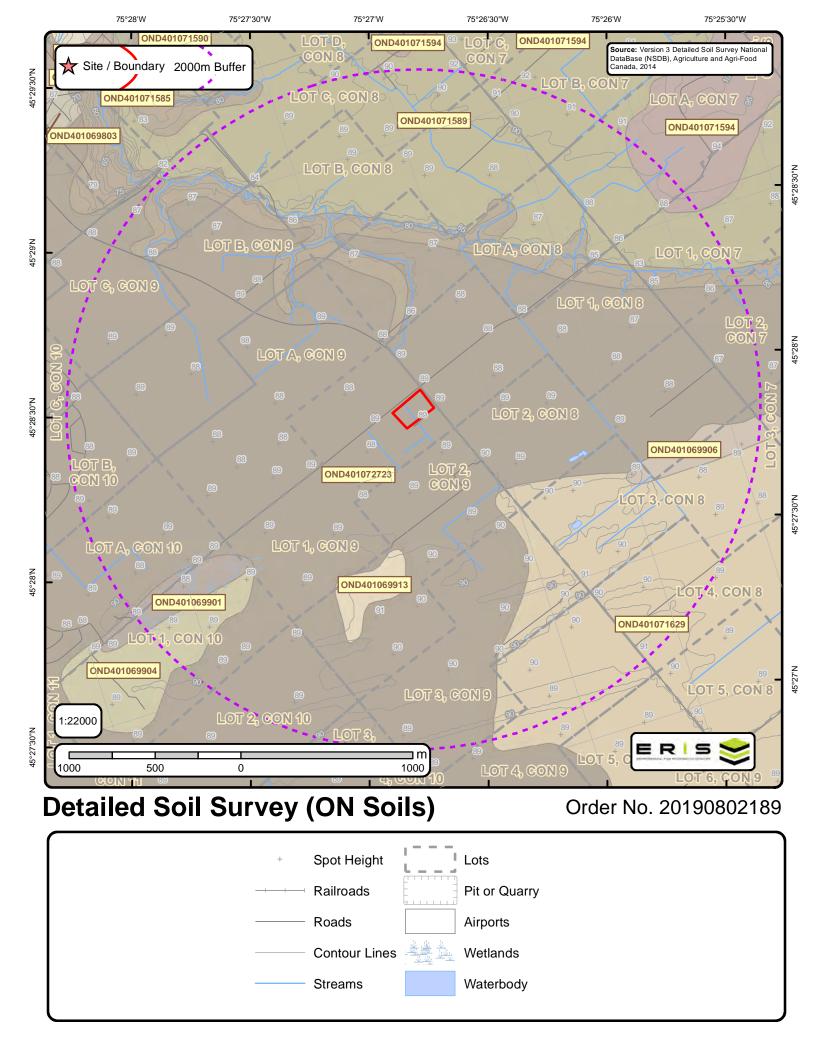


# **Ontario Base Mapping (OBM) Data**



Order No. 20190802189







Page 1 Order No. 20190802189



#### Soil ID: OND401069901

Component No : 1 | Components(%) : 100 | Soil Name ID : ONZOR~~~~N | Surface Stoniness Class : Nonstony | Slop Steepness(%) : 1.2 | Slop Length(m) : -9 | Drainage : Very 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 : None | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) : 0-99 | Horizon : Oh | Layer No : 1 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Total Clay(%) : -9 | Organic Carbon(%) : 20.0 | pH in Calc Chloride : 5.5 | Saturated Hydraulic Conductivity(cm/h) : 3.455 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 99-149 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 0 | Total Sand(%) : 23 | Total Silt(%) : 17 | Total Clay(%) : 60 | Organic Carbon(%) : 0.6 | pH in Calc Chloride : 5.9 | Saturated Hydraulic Conductivity(cm/h) : 0.21 | Electrical Conductivity(dS/m) : 0 |

#### Soil ID: OND401069906

Component No : 1 | Components(%) : 100 | Soil Name ID : ONCEG~~~~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) : 0-28 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%):8 Total Sand(%):22 Total Silt(%):49 Total Clay(%):29 Organic Carbon(%):2.8 pH in Calc Chloride: 6.8 Saturated Hydraulic Conductivity(cm/h): 0.446 Electrical Conductivity(dS/m): 0] Depth(cm): 28-45 Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 5 | Total Sand(%) : 27 | Total Silt(%) : 55 | Total Clay(%) : 18 | Organic Carbon(%): 1.9 | pH in Calc Chloride: 6.3 | Saturated Hydraulic Conductivity(cm/h): 0.428 | 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: OND401069904

Component No : 1 | Components(%) : 100 | 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 |



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#### Soil ID: OND401071629

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: OND401071629

Component No : 2 | Components(%) : 30 | 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 : None | First CLI Limitation Subclass : None | 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 |

Soil ID: OND401072723

Component No :1 | Components(%) :70 | Soil Name ID : ONBBO~~~~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 : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | Depth(cm) : 0-20 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%) : 0 | Total Sand(%) : 2 | Total Silt(%) : 35 | Total Clay(%) : 63 | Organic Carbon(%) : 1.2 | pH in Calc Chloride : 6.9 | Saturated Hydraulic Conductivity(cm/h) :0.27 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-58 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 0 | Total Sand(%) : 2 | Total Silt(%) : 21 | Total Clay(%) : 77 | Organic Carbon(%) : 0.3 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 0.202 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 58-100 | Horizon : Cg | Layer No : 3 | Very Fine Sand(%) : 0 | Total Sand(%) : 1 | Total Silt(%) : 25 | Total Clay(%) : 74 | Organic Carbon(%) : 0.3 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.191 | Electrical Conductivity(dS/m) : 0 |



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#### Soil ID: OND401072723

Component No : 2 | Components(%) : 30 | 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 : None | Second CLI Limitation Subclass : Adverse soil structure (i.e. Depth of rooting zone is restricted) | 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

#### Soil ID: OND401071589

Component No :2 | Components(%) : 30 | Soil Name ID : ONBBO~~~~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 : 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(%) : 0 | Total Sand(%) : 2 | Total Silt(%) : 35 | Total Clay(%) : 63 | Organic Carbon(%) : 1.2 | pH in Calc Chloride : 6.9 | Saturated Hydraulic Conductivity(cm/h) : 0.27 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 20-58 | Horizon : Bg | Layer No : 2 | Very Fine Sand(%) : 0 | Total Sand(%) : 2 | Total Silt(%) : 21 | Total Clay(%) : 77 | Organic Carbon(%) : 0.3 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 0.202 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 58-100 | Horizon : Cg | Layer No : 3 | Very Fine Sand(%) : 0 | Total Sand(%) : 1 | Total Silt(%) : 25 | Total Clay(%) : 74 | Organic Carbon(%) : 0.3 | pH in Calc Chloride : 7.7 | Saturated Hydraulic Conductivity(cm/h) : 0.191 | Electrical Conductivity(dS/m) : 0 |

#### Soil ID: OND401071589

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(%) : 54 | Organic Carbon(%) : 0.2 | pH in Calc Chloride : 6.5 | Saturated Hydraulic Conductivity(cm/h) : 0.192 | Electrical Conductivity(dS/m) : 0



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#### Soil ID: OND401071585

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 |

#### Soil ID: OND401071594

Component No : 1 | Components(%) : 70 | Soil Name ID : ONFRM~~~~N | Surface Stoniness Class : Moderately stony | Slop Steepness(%) : 3.5 | 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 : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%): 3.7 | pH in Calc Chloride: 7.2 | Saturated Hydraulic Conductivity(cm/h): 1.969 | Electrical Conductivity(dS/m): 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%): 6 | Organic Carbon(%): 3.1 | pH in Calc Chloride: 7.1 | Saturated Hydraulic Conductivity(cm/h): 3.014 | Electrical Conductivity(dS/m):0] | Depth(cm):38-50 | Horizon:C| Layer No:3 | Very Fine Sand(%):19 | Total Sand(%):57 | Total Silt(%): 36 | Total Clay(%): 7 | Organic Carbon(%): 1.3 | pH in Calc Chloride: 7.0 | Saturated Hydraulic Conductivity(cm/h): 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | 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: OND401071594

Component No : 2 | Components(%) : 30 | Soil Name ID : ONGVISH~~~A | Surface Stoniness Class : Moderately stony | Slop Steepness(%) : 3.5 | 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 : moderate limitations on use for crops | First CLI Limitation Subclass : Presence of surface stones > 15 cm diameter. | Second CLI Limitation Subclass : None | Depth(cm) : 0-37 | Horizon : Ap | Layer No : 1 | Very Fine Sand(%): 15 | Total Sand(%): 61 | Total Silt(%): 31 | Total Clay(%): 8 | Organic Carbon(%): 2.4 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 3.765 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 37-53 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 15 | Total Sand(%) : 59 | Total Silt(%) : 33 | Total Clay(%) : 8 | Organic Carbon(%): 1.1 | pH in Calc Chloride: 7.3 | Saturated Hydraulic Conductivity(cm/h): 2.843 | Electrical Conductivity(dS/m): 0] | Depth(cm): 53-70 | Horizon: CK | Layer No: 3 | Very Fine Sand(%): 15 | Total Sand(%): 45 | Total Silt(%): 48 | Total Clay(%):7 | Organic Carbon(%):0.6 | pH in Calc Chloride:7.5 | Saturated Hydraulic Conductivity(cm/h):1.568 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 70-100 | Horizon : R | Layer No : 4 | 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 |



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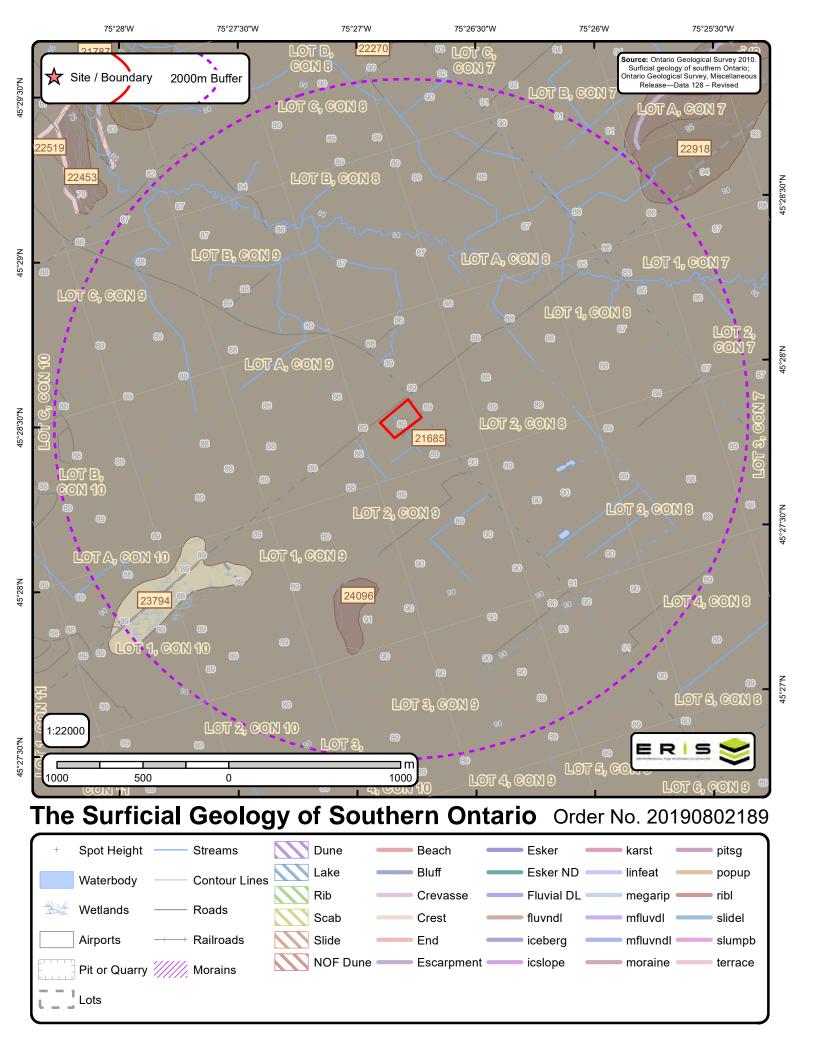


#### Soil ID: OND401069913

Component No :2 | Components(%) :40 | Soil Name ID : ONFRMRU~~~A | Surface Stoniness Class : Moderately stony | Slop Steepness(%) :3.5 | Slop Length(m) :-9 | Drainage : None | Hydrological Soil Groups : None | Soil Texture of A Horizon : None | Field Crops Capability : OND401069913-ONFRMRU~~~A | First CLI Limitation Subclass : None | Second CLI Limitation Subclass : None | Depth(cm) :0-21 | Horizon : Ap | Layer No :1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 38-50 | Horizon : C | Layer No : 3 | Very Fine Sand(%) : 19 | Total Sand(%) : 57 | Total Silt(%) : 36 | Total Clay(%) : 7 | Organic Carbon(%) : 1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | Very Fine Sand(%) : -9 | Total Sand(%) : -9 | Total Silt(%) : -9 | Organic Carbon(%) : None | pH in Calc Chloride : None | Saturated Hydraulic Conductivity(cm/h) : None | Electrical Conductivity(dS/m) : None |

Soil ID: OND401069913

Component No : 1 | Components(%) : 60 | Soil Name ID : ONFRM~~~~~N | Surface Stoniness Class : Moderately stony | Slop Steepness(%) : 3.5 | 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 : Natural grazing only; no improvements feasible. | First CLI Limitation Subclass : Presence of consolidated bedrock within one metre of the soil surface | Second CLI Limitation Subclass : None | Depth(cm) : 0-21 | Horizon : Ah | Layer No : 1 | Very Fine Sand(%) : 19 | Total Sand(%) : 44 | Total Silt(%) : 44 | Total Clay(%) : 12 | Organic Carbon(%) : 3.7 | pH in Calc Chloride : 7.2 | Saturated Hydraulic Conductivity(cm/h) : 1.969 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 21-38 | Horizon : Bm | Layer No : 2 | Very Fine Sand(%) : 13 | Total Sand(%) : 49 | Total Silt(%) : 45 | Total Clay(%) : 6 | Organic Carbon(%) : 3.1 | pH in Calc Chloride : 7.1 | Saturated Hydraulic Conductivity(cm/h) : 3.014 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 38-50 | Horizon : C | Layer No : 3 | Very Fine Sand(%) : 19 | Total Sand(%) : 57 | Total Silt(%) : 36 | Total Clay(%) : 7 | Organic Carbon(%) : 1.3 | pH in Calc Chloride : 7.0 | Saturated Hydraulic Conductivity(cm/h) : 1.979 | Electrical Conductivity(dS/m) : 0] | Depth(cm) : 50-100 | Horizon : R | Layer No : 4 | 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 |





Surface Geology Report Surface Geology units found within 2000 m of

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#### ID: 21685 | Unit Name: Offshore marine deposits |

Deposit Type Code: 3 | Deposit Age: Quaternary (Champlain Sea) | Map Number: of3104 | Map Name: Russell | 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: 22918 | Unit Name: Till |

Deposit Type Code: 1a | Deposit Age: Quaternary | Map Number: of3104 | Map Name: Russell | 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

#### ID: 23794 | Unit Name: Organic deposits |

Deposit Type Code: 7 | Deposit Age: Recent | Map Number: of3104 | Map Name: Russell | Source Map Scale: 1:50 000 | Primary Material: organic deposits | Primary Material Modifier: | Secondary Material: | Primary General: wetland | Primary General Modifier: | Veneer: | Episode: Hudson | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: High | Material Description: Mainly muck and peat in bogs, fens, swamps and poorly drained areas.

#### ID: 24096 | Unit Name: Bedrock |

Deposit Type Code: Pa | Deposit Age: Paleozoic | Map Number: of3104 | Map Name: Russell | Source Map Scale: 1:50 000 | Primary Material: Paleozoic Bedrock | Primary Material Modifier: | Secondary Material: | Primary General: | Primary General Modifier: | Veneer: clay, silt, sand, gravel, diamicton | Episode: | Sub Episode: | Phase: | Stratus Modifier: Surface | Provenance: | Carbon Content: | Formation: | Permeability: Variable | Material Description: Limestone, dolomite, sandstone, and locally shale; relatively flat lying; mainly occuring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick.



Surface Geology Report Metadata Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.



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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'.