REVISED - 2

Phase One Environmental Site Assessment

5150 Innes Road
Ottawa, Ontario

Prepared for:

Crombie REIT
5935 Airport Road, Suite 810
Mississauga, ON L4V 1W5

Attn: Mr. Michael Glynn

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Issued To:	**Crombie REIT**
Contact:	**Mr. Michael Glynn**
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Issuing Office:	**Kanata, ON**
Primary Pinchin Contact:	**Christine Wilson, B.A.** **Senior Project Manager** **613.592.3387 ext. 1827** **cwilson@pinchin.com**

Author: Kurt Frommann, B.A., EMAPG
Project Manager
613.592.3387 ext. 1820
kfrommann@pinchin.com

Reviewer: Scott Mather, P.Eng., QP$_{ESA}$
Director, Eastern Ontario
613.592.3387 ext. 1802
smather@pinchin.com

Reviewer: Larry Backman, B.Sc.S.
Executive Vice President, National Accounts
613.592.3387 ext. 1801
lbackman@pinchin.com

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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;

- 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, Ottawa, 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, Ottawa, 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.

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

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 Michael.Glynn@crombie.ca
Site Area	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	2.67 hectares (6.61 acres)

Detail	Source / Reference	Information
Current Zoning	http://maps.ottawa.ca/geoottawa/ City of Ottawa.	GM15 (H) – General Mixed Use Zone (H)

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 publicly-accessible 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 Cs-of-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 Cs-of-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 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 (http://maps.ottawa.ca/geoOttawa/) 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.
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

MECP Well ID (ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
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
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/air-conditioning (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 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.

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

- 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:

PCA	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, 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.

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:

PCA	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, 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.

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 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;

- 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_{ESA} 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:

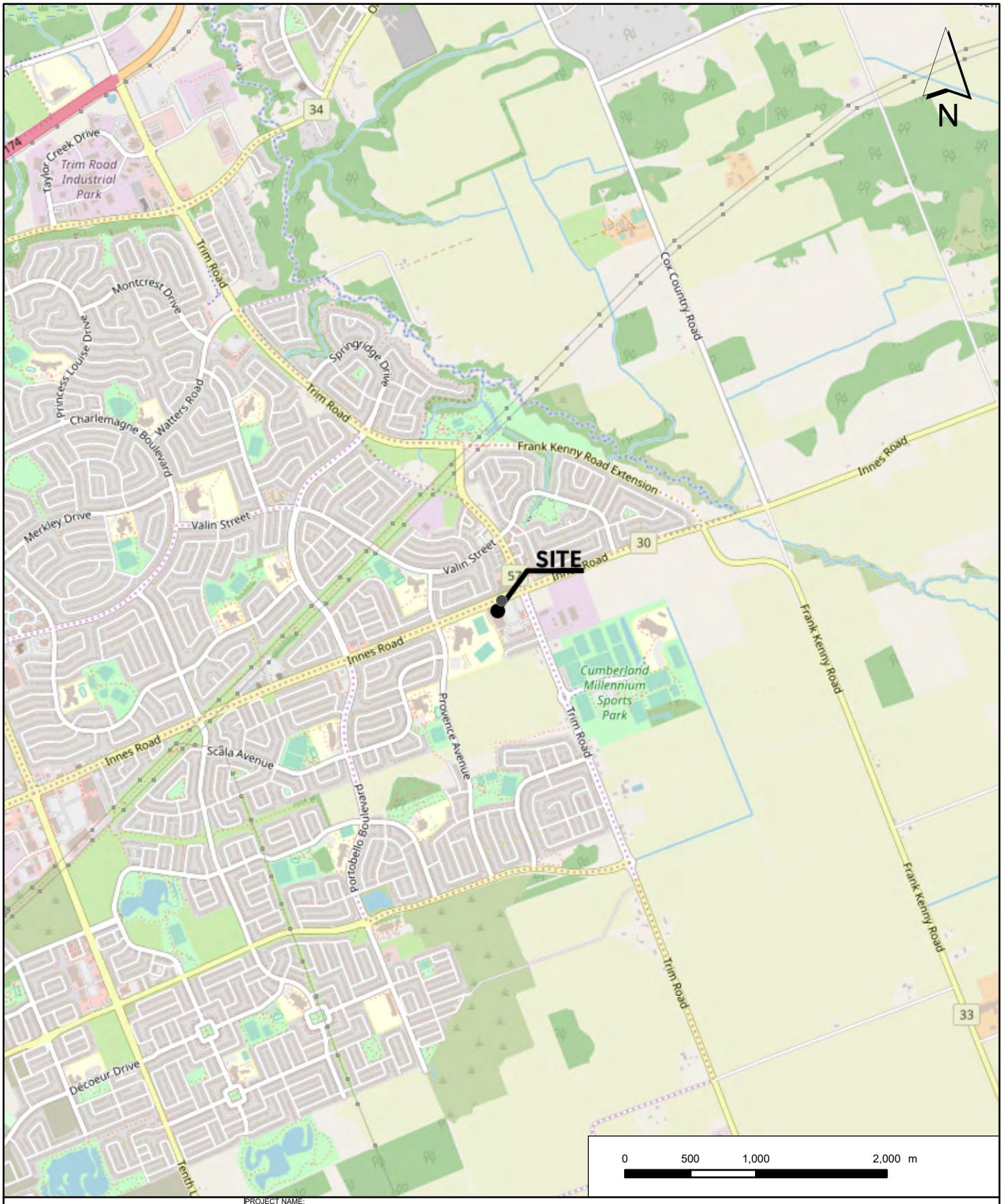
- Ms. Cindy Lacireno, Property Manager at the Phase One Property for approximately 1.5 years, and Mr. Rick Mayes, maintenance personnel at the Phase One Property for approximately 3 years (Site Representatives).
- EcoLog ERIS report entitled “5150 Innes Road, Ottawa, Ontario”, and dated August 8, 2019 (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: http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1
- The Atlas of Canada – Bedrock Geology: http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l=6&r=4&c=12.
- 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™ 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.

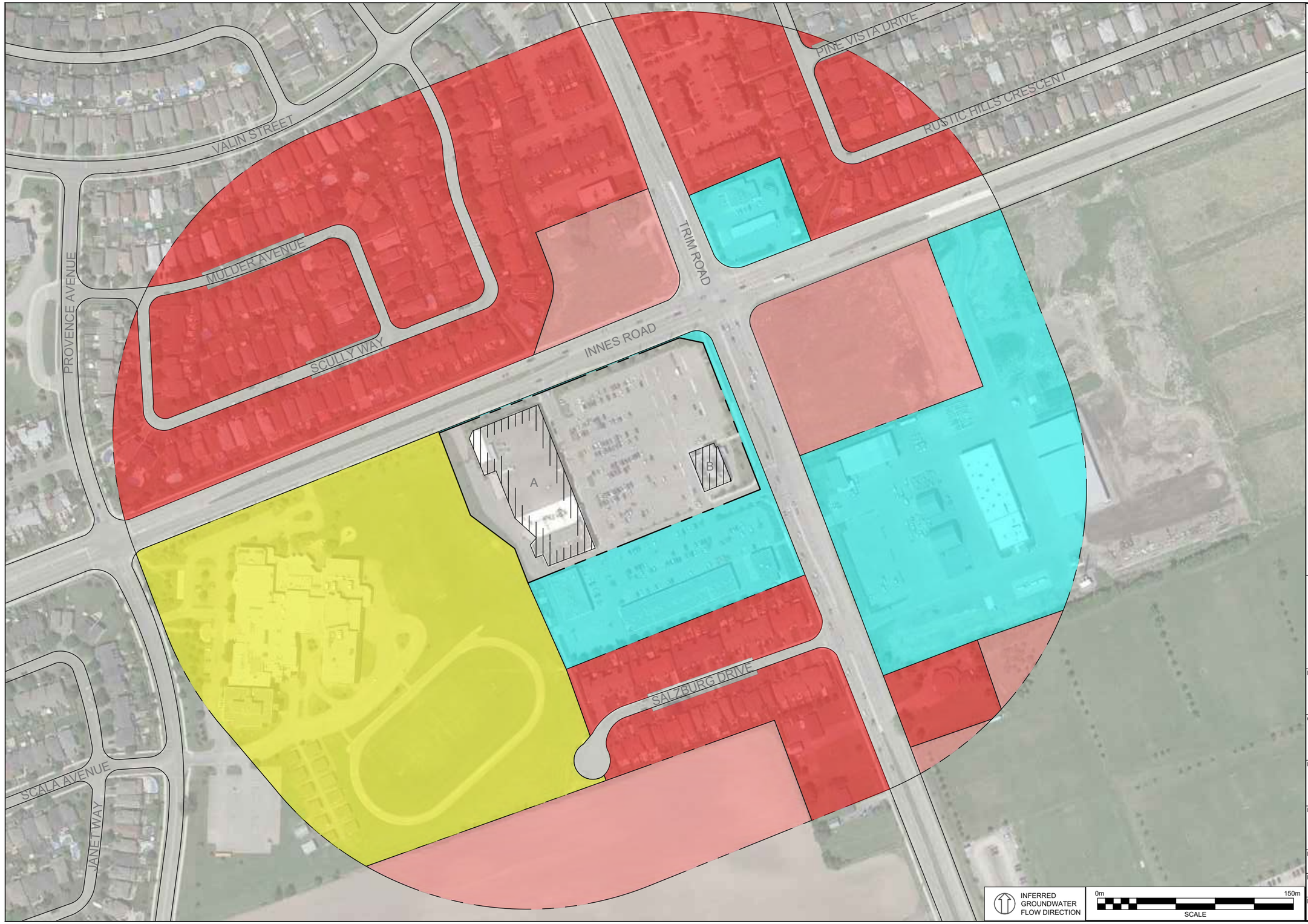
10.0 APPENDICES

APPENDIX A
Figures



PINCHIN

PROJECT NAME:	PHASE ONE SITE PLAN APPROVAL				
CLIENT NAME:	CROMBIE REIT				
PROJECT LOCATION:	5150 INNES ROAD, OTTAWA, ONTARIO				
FIGURE NAME:	KEY MAP				FIGURE NUMBER: 1
PROJECT NUMBER: 246763	SCALE: 1:40,000	DRAWN BY: C.M.	REVIEWED BY: K.F.	DATE: AUGUST 2019	



LEGEND

- PHASE ONE STUDY AREA
- PHASE ONE PROPERTY
- SITE BUILDINGS
- RESIDENTIAL
- COMMERCIAL
- INSTITUTIONAL
- AGRICULTURAL/OTHER
- ROADS

LEGEND IS COLOUR DEPENDENT.
NON-COLOUR COPIES MAY ALTER INTERPRETATION.

INFERRED GROUNDWATER FLOW DIRECTION

0m 150m
SCALE

PINCHIN

PROJECT NAME:
PHASE ONE
SITE PLAN APPROVAL

CLIENT NAME:
CROMBIE REIT

PROJECT LOCATION:
5150 INNES ROAD,
OTTAWA, ONTARIO

FIGURE NAME:
PHASE ONE
STUDY AREA

PROJECT NUMBER:	SCALE:
246763	AS SHOWN
DRAWN BY:	REVIEWED BY:
C.M.	K.F.
DATE:	FIGURE NUMBER:
AUGUST 2019	2

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.

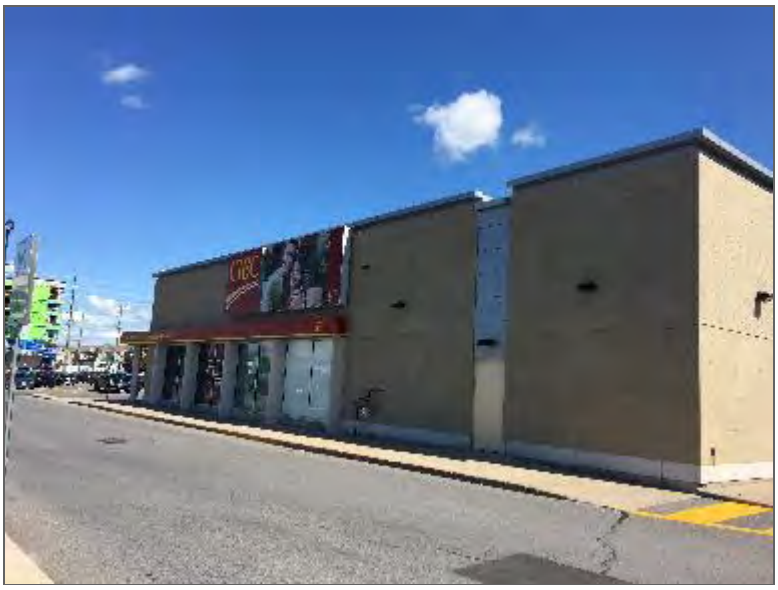


Photo 4 – West elevation of Site Building B.

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).

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.

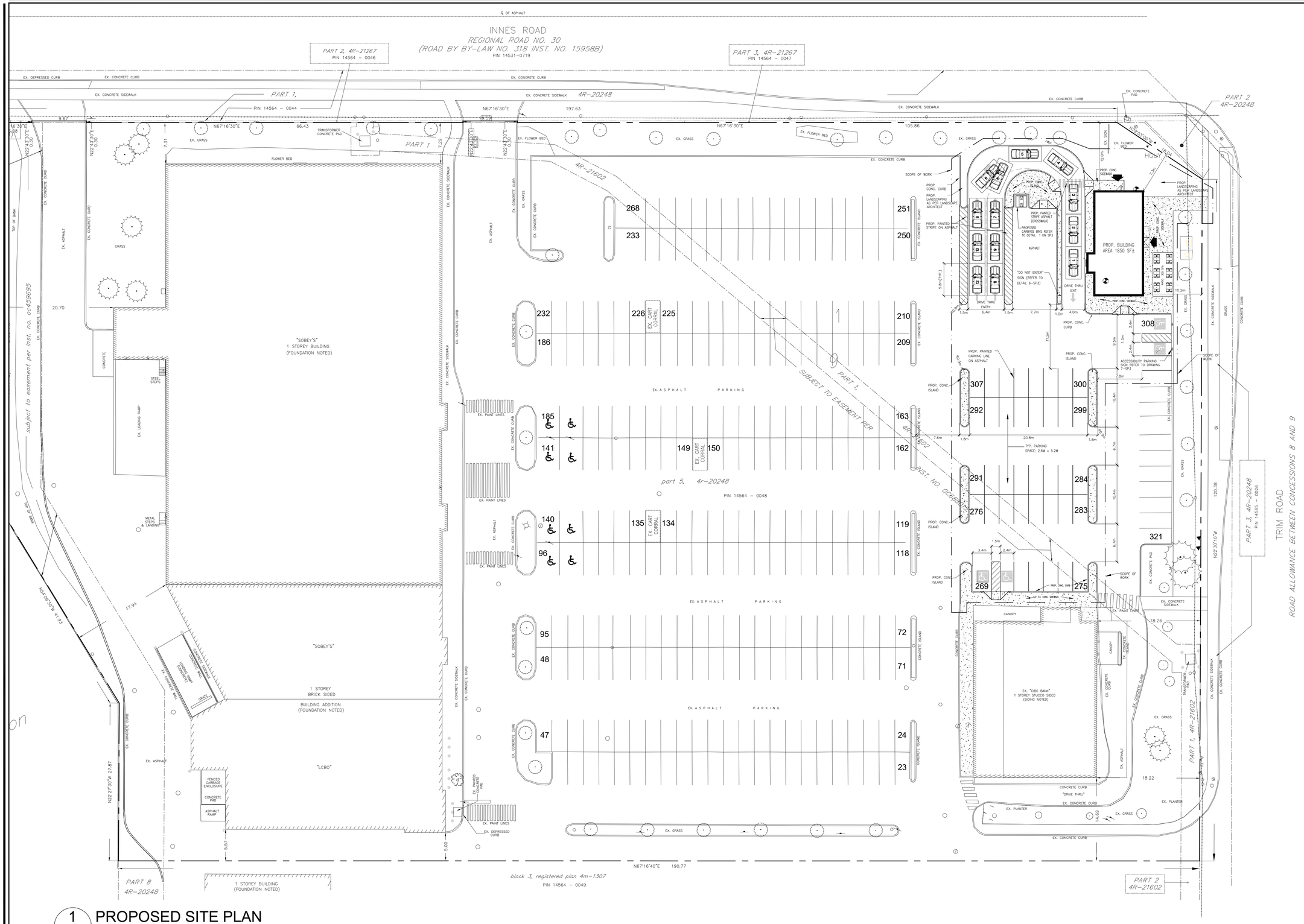
Photo 11 – Property located southeast of the Phase One Property, where the PFO was formerly located (PCA #3).

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

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

APPENDIX C

Survey Plan



1 SP2 PROPOSED SITE PLAN
SCALE 1:300

GENERAL NOTES:

All contractors and/or trades shall verify all dimensions, notes, site and report any discrepancies prior to commencement of the work. This drawing is not to be scaled, all drawings, prints and related documents are the property of the architect and must be returned upon request. Reproduction of drawings and related documents in part or in whole is strictly forbidden without written consent. Drawings to be for the purpose for which they are issued.

NO.	DATE:	REVISION:	BY:
1.	SEPT6 ,2018	CLIENT REVIEW	KK
2.	NOV 12 ,2018	ISSUED FOR SPA	AA
3.	NOV 21 ,2018	FOR CLIENT REVIEW	AA
4.	DEC 05 ,2018	FOR CLIENT REVIEW	AA

COMMISSION:

PROPOSED:
STAND ALONE RESTAURANT

5150 INNES ROAD, ORLEANS, ON

TRUE NORTH

ONTARIO ASSOCIATION OF ARCHITECTS
DAVID CHUI
LICENCE
8912

A | C | K
architects
www.ackarchitects.com
studio office:
443 eastchester ave.
T.905.994.5545
F.905.994.5542
st. catharines, ontario
On 6s2

architectural office:
100 sunrise ave., suite 102
T.416.462.0389
F.416.462.1954
toronto, ontario
m4a 1s3

SHEET TITLE:

PROPOSED SITE PLAN

Issued for Re-Zoning:	
Issued for Site Plan Agreement:	
Issued for Permit:	
Issued for Tender:	
Issued for Construction:	
DRAWN BY:	AA
CHECKED BY:	DC
DATE:	NOV 09.18
SCALE:	
PROJECT No.:	2018-164

DWG No.
SP2

APPENDIX D

Opta Records

opta
INFORMATION INTELLIGENCE

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:

64241

Requested by:

Eleanor Goolab
ERIS

Date Completed:

8/12/2019 12:08:06 PM

Project Name: 5150 Innes Road Ottawa Ontario

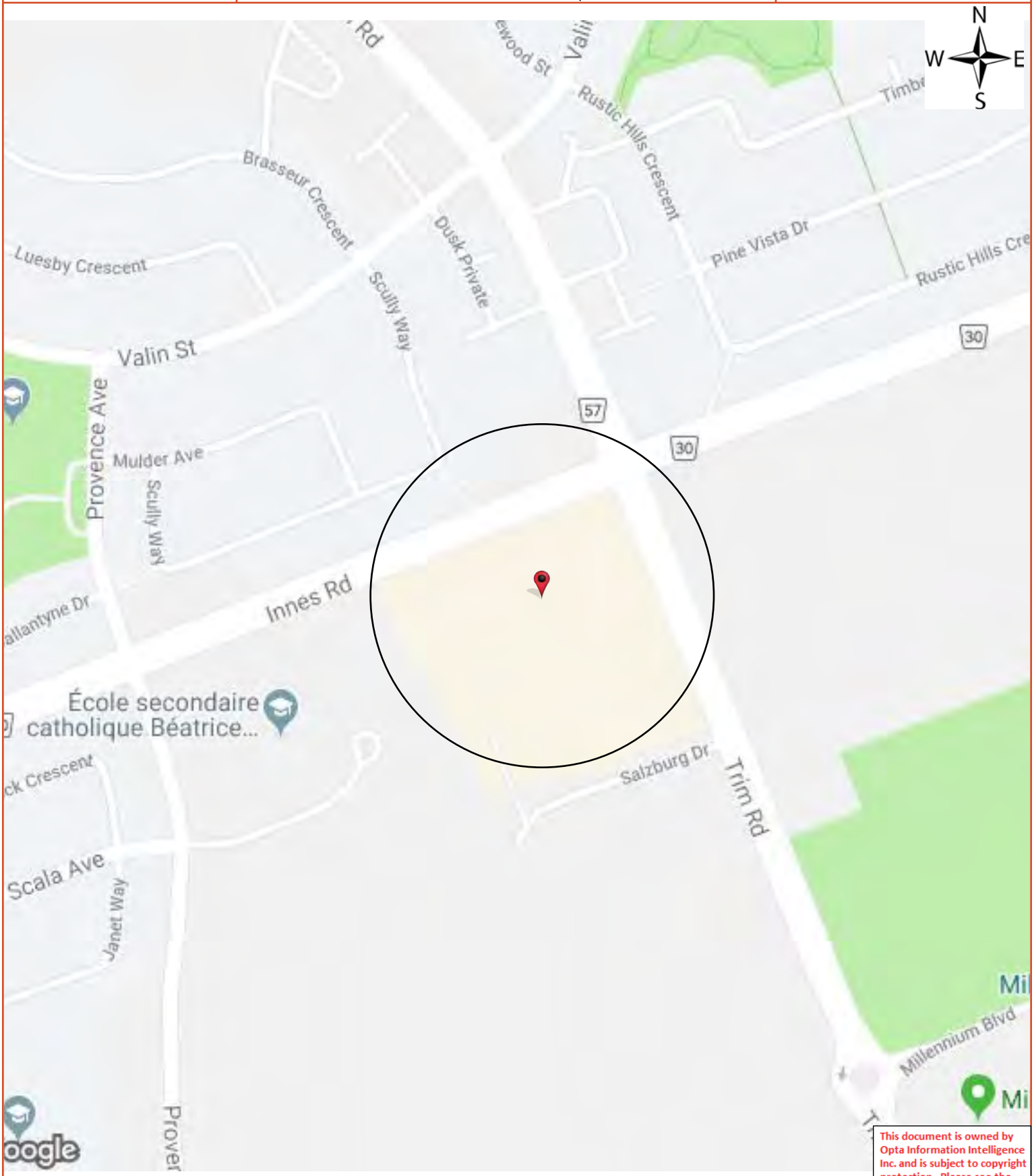
Project #: 20190802189
P.O. #: 246763

ENVIROSCAN Report

Search Area: 5150 Innes Road Ottawa ON

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

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project Name: 5150 Innes Road
Ottawa Ontario

Project #: 20190802189
P.O. #: 246763

ENVIROSCAN Report

No Records Found

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

enviroscan
OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

APPENDIX E

ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

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

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*5150 Innes Road Ottawa Ontario* *5150 Innes Road Ottawa Ontario Orléans ON K4A 3N4*
Project No:	*246763*

Order Information:

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

Historical/Products:

Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*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	33
1	GEN	Sobeys Pharmacy	5150 Innes Rd Orleans ON K4A0G4	-/0.0	0.00	33
2	WWIS		lot 1 con 9 ON ***Well ID:*** 1512782	-/0.0	0.00	33
3	EHS		5150 Innes Road Ottawa ON K4A 0G4	-/0.0	0.69	36
4	BORE		ON	-/0.0	0.69	36

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	37
5	EHS		N/E Corner of intersection of Trim Rd & Innes Rd Ottawa ON	NE/20.8	0.00	38
5	SPL	LAIDLAW TRANSIT	INTERSECTION OF TRIM AND INNES, INNES AND PROVENCE, BEATRICE DES LOGE SCHOOL OTTAWA CITY ON	NE/20.8	0.00	38
6	SPL	City of Ottawa	Innes Rd @ Trim Rd Ottawa ON	NNE/21.3	0.00	38
7	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON	SSE/39.8	1.00	39
7	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	39
7	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	40
7	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	40
7	GEN	Trim Pet Hospital	2010 Trim Road unit 14 Orleans ON K4A 0G4	SSE/39.8	1.00	40
7	GEN	Faltas & Marks Medicine Prof Corp	2010 Trim Road, Unit 7 Orleans ON K4A 0G4	SSE/39.8	1.00	41
7	GEN	Trim Pet Hospital	2010 Trim Road uni 14 Orleans ON K4A 0G4	SSE/39.8	1.00	41

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

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

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

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

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

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

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

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

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

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	Distance (m)	Map Key
	ON	0.0	4
	ON	128.5	39

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

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

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.

Site	Address	Distance (m)	Map Key
RIVERSTONE (TRIM ROAD) LIMITED PARTNERSHIP	1980 Trim Road Ottawa ON K4A 4S7	94.3	23

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.

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

EHS - ERIS Historical Searches

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.

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

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.

Site	Address	Distance (m)	Map Key
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	24
CST CANADA CO	1985 TRIM RD OTTAWA ON K4A 4R7	95.5	24

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

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.

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

GEN - Ontario Regulation 347 Waste Generators Summary

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.

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

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

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

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

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

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.

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

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

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.

Site	Address	Distance (m)	Map Key
Imperial Oil Limited	No municpal address. ON	78.9	18

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.

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

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.

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

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

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

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

Map : 0.3 Kilometer Radius

Order No: 20190802189

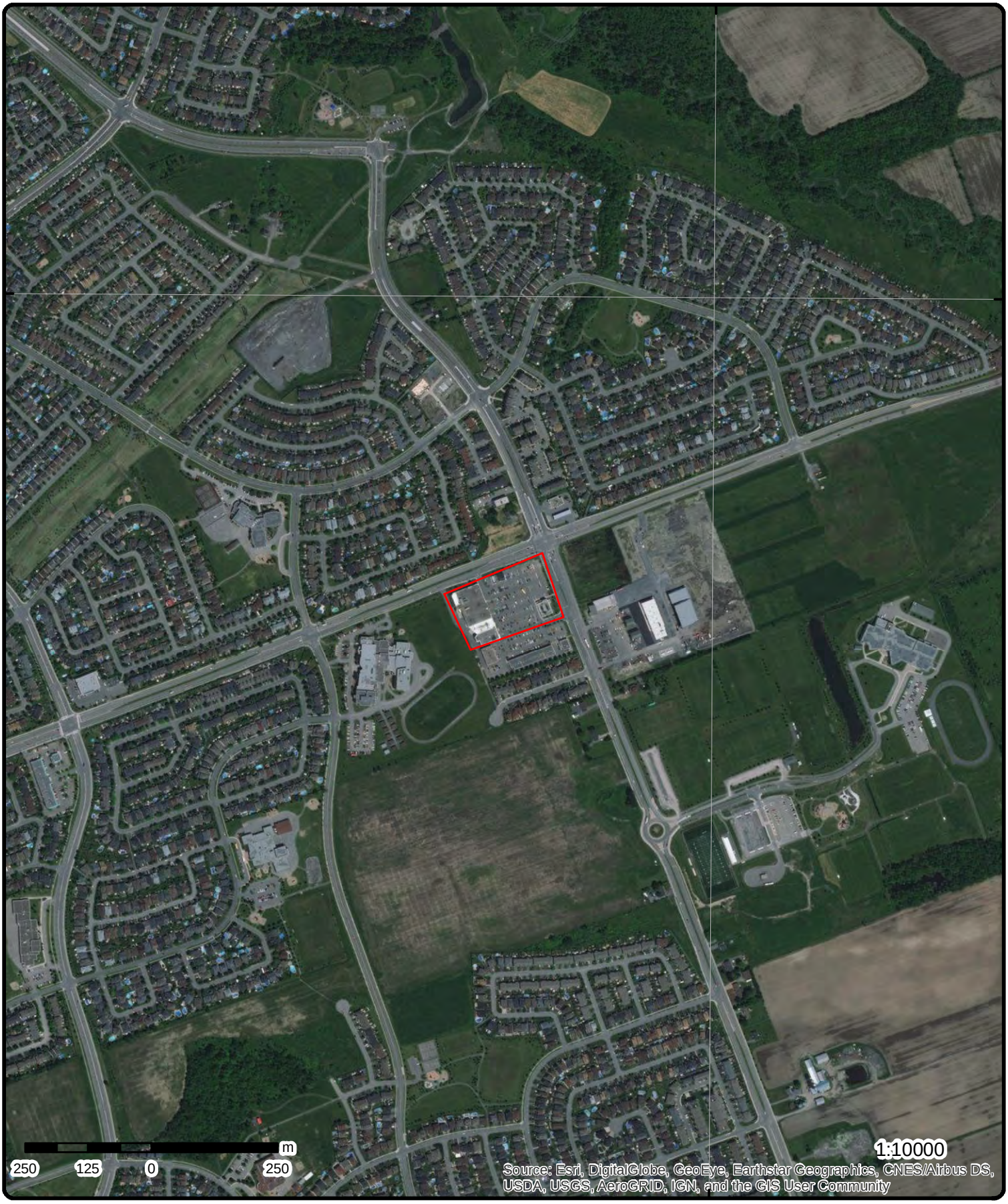
Address: 5150 Innes Road Ottawa Ontario, Orléans, ON, K4A 3N4

ENVIRONMENTAL RISK INFORMATION SERVICES

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

75°27'W

45°28'30"N



45°28'30"N

Aerial (2017)

Order No: 20190802189

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

Source: ESRI World Imagery

Topographic Map

Order No: 20190802189

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

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	-/0.0	86.9 / 0.00	Sobeys Pharmacy 5150 Innes Rd Orleans ON K4A0G4	GEN

Generator No:	ON9151811	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 2	-/0.0	86.9 / 0.00	Sobeys Pharmacy 5150 Innes Rd Orleans ON K4A0G4	GEN

Generator No:	ON9151811	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2019	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	-/0.0	86.9 / 0.00	lot 1 con 9 ON	WWIS

Well ID:	1512782	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	8/27/1963
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction		**County:**	OTTAWA-CARLETON

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

Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 001
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10034770
DP2BR: 128
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/7/1963
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.656532
Elevrc:
Zone: 18
East83: 464389.8
North83: 5035190
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 100 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931021535
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 128
Formation End Depth: 142
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931021533
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 120
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931021534
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	120
Formation End Depth:	128
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583340
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061602
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	142
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930061601
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	130
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512782
Pump Set At:	

Static Level:	25
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	10
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933468274
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	142
Water Found Depth UOM:	ft

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3 | ***1 of 1*** | ***-/0.0*** | ***87.6 / 0.69*** | ***5150 Innes Road Ottawa ON K4A 0G4*** | ***EHS***

Order No:	20100607018	**Nearest Intersection:**	Innes Road and Trim Road
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	6/16/2010	**Search Radius (km):**	0.25
Date Received:	6/7/2010	**X:**	-75.45532
Previous Site Name:		**Y:**	45.469144
Lot/Building Size:			
Additional Info Ordered:	City Directory		

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4 | ***1 of 1*** | ***-/0.0*** | ***87.6 / 0.69*** | ***ON*** | ***BORE***

Borehole ID:	616337	**Inclin FLG:**	No
OGF ID:	215517126	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1963	**Municipality:**	
Static Water Level:	11.0	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.468989
Total Depth m:	-999	**Longitude DD:**	-75.455409
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	464401
Drill Method:		**Northing:**	5035152
Orig Ground Elev m:	88.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	88.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403696	**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:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: BEDROCK. GREY. = 6000. BEDROCK. SEISMIC VELOCITY = 19500. K. DARK,GREY,SOUND. 00095 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218403694	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	36.6	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY. BLUE.

Geology Stratum ID:	218403695	**Mat Consistency:**	
Top Depth:	36.6	**Material Moisture:**	
Bottom Depth:	39	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: SAND. WATER STABLE AT 253.9 FEET.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 088450 NTS_Sheet: 31G06E
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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5 | ***1 of 3*** | ***NE/20.8*** | ***86.9 / 0.00*** | ***6095186 Canada Inc.***
Innes Road and Trim Road, Part A and Lot 1,
Concession 8, Ward 1
Ottawa ON | ***CA***

Certificate #: 4334-6J8LPW
Application Year: 2005
Issue Date: 11/21/2005

Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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5 | ***2 of 3*** | ***NE/20.8*** | ***86.9 / 0.00*** | ***N/E Corner of intersection of Trim Rd & Innes Rd Ottawa ON*** | ***EHS***

Order No: 20060224007
Status: C
Report Type: Basic Report
Report Date: 3/6/2006
Date Received: 2/24/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Trim Rd & Innes Rd
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.453916
Y: 45.471022

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5 | ***3 of 3*** | ***NE/20.8*** | ***86.9 / 0.00*** | ***LAIDLAW TRANSIT INTERSECTION OF TRIM AND INNES, INNES AND PROVENCE, BEATRICE DES LOGE SCHOOL OTTAWA CITY ON*** | ***SPL***

Ref No: 200997
Site No:
Incident Dt: 5/18/2001
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Multi Media Pollution
Receiving Medium: Land, Water
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/18/2001
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: LAIDLAW:SCHOOL BUS SPILL ED DIESEL ON ROADWAY, CATCHBASIN, CLEANING UP
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved: CITY OF OTTAWA
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

---

6 | ***1 of 1*** | ***NNE/21.3*** | ***86.9 / 0.00*** | ***City of Ottawa Innes Rd @ Trim Rd Ottawa ON*** | ***SPL***

Ref No: 8040-AFH2YC

Discharger Report:

Map Key	Number of 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 Cause:		**Sector Type:**	Other
Incident Event:	Operator/Human error	**Agency Involved:**	
Contaminant Code:	27	**Nearest Watercourse:**	
Contaminant Name:	COOLANT N.O.S.	**Site Address:**	Innes Rd @ Trim Rd
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/11/07	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	
Site Name:	Westbound on Innes, west of intersection <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo: 14L coolant to road, CB, cleaning		
Contaminant Qty:	14 L		

7	*1 of 13*	*SSE/39.8*	*87.9 / 1.00*	***Trim Pet Hospital*** ***2010 Trim Road unit 14*** ***Orleans ON***	***GEN***

Generator No:	ON9488056	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	621390		
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES
Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES

7	*2 of 13*	*SSE/39.8*	*87.9 / 1.00*	***Trim Pet Hospital*** ***2010 Trim Road unit 14*** ***Orleans ON K4A 0G4***	***GEN***

Generator No:	ON9488056	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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7 **3 of 13** **SSE/39.8** **87.9 / 1.00** **Trim Pet Hospital** **GEN**
2010 Trim Road unit 14
Orleans ON K4A 0G4

Generator No: ON9488056
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621390
SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

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7 **4 of 13** **SSE/39.8** **87.9 / 1.00** **Trim Pet Hospital** **GEN**
2010 Trim Road uni 14
Orleans ON K4A 0G4

Generator No: ON9488056
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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7 **5 of 13** **SSE/39.8** **87.9 / 1.00** **Trim Pet Hospital** **GEN**
2010 Trim Road unit 14
Orleans ON K4A 0G4

Generator No: ON9488056
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 621390

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS

Detail(s)

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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7 | ***6 of 13*** | ***SSE/39.8*** | ***87.9 / 1.00*** | ***Faltas & Marks Medicine Prof Corp***
2010 Trim Road, Unit 7
Orleans ON K4A 0G4 | ***GEN***

Generator No: ON3161442
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 621110
SIC Description: OFFICES OF PHYSICIANS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Anju Kurichh
Phone No Admin: 613-590-1433 Ext.

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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7 | ***7 of 13*** | ***SSE/39.8*** | ***87.9 / 1.00*** | ***Trim Pet Hospital***
2010 Trim Road uni 14
Orleans ON K4A 0G4 | ***GEN***

Generator No: ON9488056
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners

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

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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7 | ***8 of 13*** | ***SSE/39.8*** | ***87.9 / 1.00*** | ***Trim Pet Hospital***
2010 Trim Road uni 14
Orleans ON K4A 0G4 | ***GEN***

Generator No: ON9488056
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

7	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: ON9488056
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners

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

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

7	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: ON9488056
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 264 L
Waste Class Desc: Photoprocessing wastes

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

Waste Class: 312 P
Waste Class Desc: Pathological wastes

7	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: ON9488056
Status:

PO Box No:
Country:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 621390
SIC Description: Offices of All Other Health Practitioners
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

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7 | ***12 of 13*** | ***SSE/39.8*** | ***87.9 / 1.00*** | ***Trim Road Veterinary Professional Corporation*** | ***GEN***
2010 Trim Rd
Ottawa ON K4A 0G4

Generator No: ON8682971
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:
PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 261 A
Waste Class Desc: Pharmaceuticals

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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7 | ***13 of 13*** | ***SSE/39.8*** | ***87.9 / 1.00*** | ***Trim Pet Hospital*** | ***GEN***
2010 Trim Road unit 14
Orleans ON K4A 0G4

Generator No: ON9488056
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621390
SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

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8 | ***1 of 1*** | ***NNE/40.7*** | ***86.9 / 0.00*** | ***Trim Rd Innes Rd*** | ***EHS***
Ottawa ON

Order No: 20161011013
Nearest Intersection:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	14-OCT-16	**Search Radius (km):**	.25
Date Received:	11-OCT-16	**X:**	-75.454554
Previous Site Name:		**Y:**	45.470755
Lot/Building Size:			
Additional Info Ordered:			

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9 **1 of 1** **E/47.2** **87.9 / 1.00** **Ottawa ON** **WWIS**

Well ID:	7221022	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/3/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z183181	**Owner:**	
Tag:	A155794	**Street Name:**	2033 TRIM ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791051	**Elevation:**	88.953689
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464576
Code OB Desc:		**North83:**	5035185
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/1/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166786
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	85

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
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166788
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	1.22
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166796
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166798
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166797
Layer:	2

Plug From:	0.31
Plug To:	1.22
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:	1005166785
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005166791
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.52
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005166792
Layer:	1
Slot:	10
Screen Top Depth:	1.52
Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Hole Diameter

Hole ID:	1005166789
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

10	*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	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	AB
Report Date:	7/23/2008	**Search Radius (km):**	0.25
Date Received:	7/14/2008	**X:**	-75.453504
Previous Site Name:		**Y:**	45.470392

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

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11 **1 of 1** **E/59.7** **87.9 / 1.00** **ON** **WWIS**

Well ID: 7123332
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: M02896
Tag: A068593
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/25/2009
Selected Flag: Yes
Abandonment Rec:
Contractor: 1844
Form Version: 5
Owner:
Street Name: TRIM RD & INNES RD
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1002720809
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 9/2/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.580131
Elevrc:
Zone: 18
East83: 464643
North83: 5035255
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002720813
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:
Method Construction Code:
Method Construction:
Other Method Construction: Air Precussion

Pipe Information

Pipe ID:	1002720814
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002720816
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	1.5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002720815
Layer:	
Slot:	
Screen Top Depth:	1.5
Screen End Depth:	6.1
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002720817
Pump Set At:	
Static Level:	0.5
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:	1002720811
Diameter:	20
Depth From:	
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Bore Hole Information

Bore Hole ID:	1002720800	**Elevation:**	88.960906
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464577
Code OB Desc:		**North83:**	5035229
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 Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002720804
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	
Method Construction:	
Other Method Construction:	Air Precussion

Pipe Information

Pipe ID:	1002720805
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002720807
Layer:	
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	1.5
Casing Diameter:	
Casing Diameter UOM:	
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002720806
Layer:	
Slot:	
Screen Top Depth:	1.5
Screen End Depth:	6.1
Screen Material:	
Screen Depth UOM:	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: 1002720802
Diameter: 20
Depth From:
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002720818
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind: This is a record from cluster log sheet
Date Completed: 9/2/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.409446
Elevrc:
Zone: 18
East83: 464611
North83: 5035339
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002720822
Layer:
Plug From:
Plug To:
Plug Depth UOM:

Method of Construction & Well Use

Method Construction ID:

Method Construction Code:
Method Construction:
Other Method Construction: Air Precussion

Pipe Information

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:
Depth To: 1.5
Casing Diameter:
Casing Diameter UOM:
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002720824
Layer:
Slot:
Screen Top Depth: 1.5
Screen End Depth: 6.1
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002720826
Pump Set At:
Static Level: 1.4
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: 1002720820
Diameter: 20
Depth From:
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1002427867	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464554
Code OB Desc:		***North83:***	5635320
Open Hole:	N	***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/2/2008	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002720791
Layer:	2
Color:	
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

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

Annular Space/Abandonment Sealing Record

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

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1002720788
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002720794
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.5
Casing Diameter: 5.1
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

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

Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

12 **1 of 1** **NE/63.4** **86.9 / 0.00** **Ottawa ON** **WWIS**

Well ID:	7143199	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	4/6/2010
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	7
Audit No:	Z81107	**Owner:**	
Tag:	A068593	**Street Name:**	TRIM RD @ INNES RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002957180	**Elevation:**	88.661338
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464551
Code OB Desc:		**North83:**	5035319
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/9/2010	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003097892
Layer:	1
Plug From:	0
Plug To:	6.1
Plug Depth UOM:	m

Pipe Information

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

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13 ***1 of 1*** ***NE/66.6*** ***86.9 / 0.00*** ***OTTAWA ON*** ***WWIS***

Well ID:	7132442	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	10/23/2009
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	7
Audit No:	Z81085	***Owner:***	
Tag:	A068593	***Street Name:***	TRIM RD. @ INNES RD.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1002756990	***Elevation:***	88.63282
DP2BR:		***Elevrc:***	

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464554
Code OB Desc:		***North83:***	5035320
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/2/2008	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002962294
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	0
Formation End Depth:	0.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002962295
Layer:	2
Color:	4
General Color:	GREEN
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

Formation ID:	1002962296
Layer:	3
Color:	2
General Color:	GREY
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6.1
Formation End Depth:	

Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002962298
Layer: 1
Plug From: 0
Plug To: 1.2
Plug Depth UOM: m

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1002962293
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002962300
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To:
Casing Diameter: 5.1
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002962301
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 6
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.8

Hole Diameter

Hole ID: 1002962297
Diameter: 20
Depth From: 0
Depth To: 6.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	ESE/66.9	87.9 / 1.00	Ottawa ON	SPL

Ref No:	2361-B36P6R	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2018/07/30	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1202	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Land	**Northing:**	5035140.52
MOE Response:	No	**Easting:**	464578.9
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2018/07/30	**Site Map Datum:**	
Dt Document Closed:	2018/07/31	**SAC Action Class:**	Land Spills
Incident Reason:	Equipment Failure	**Source Type:**	Other
Site Name:	2035 Trim Road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa 5 L of diesel to cb/parking lot		
Contaminant Qty:	5 L		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	E/67.2	87.9 / 1.00	ON	WWIS

Well ID:	7221029	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/30/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z183170	**Owner:**	
Tag:	A156302	**Street Name:**	2035 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791081	**Elevation:**	88.869606
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464595
Code OB Desc:		**North83:**	5035196
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/2/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m

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

Overburden and Bedrock Materials Interval

Formation ID: 1005167072
Layer: 1
Color: 2
General Color: GREY
Mat1:
Most Common Material:
Mat2: 11
Other Materials: GRAVEL
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0
Formation End Depth: 0.31
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005167073
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0.31
Formation End Depth: 4.57
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005167081
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005167082
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005167083
Layer: 3
Plug From: 1.22
Plug To: 4.57
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: 1005167071
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005167076
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.6
Casing Diameter: 4.03
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005167077
Layer: 1
Slot: 10
Screen Top Depth: 1.6
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Hole Diameter

Hole ID: 1005167074
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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16 ***1 of 1*** ***NNE/69.8*** ***86.9 / 0.00*** ***OTTAWA ON*** ***WWIS***

Well ID: 7200448
Construction Date:
Primary Water Use: Monitoring and Test Hole
Data Entry Status:
Data Src:
Date Received: 4/16/2013

Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z152767	**Owner:**	
Tag:	A145390	**Street Name:**	1985 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004275486	**Elevation:**	88.954299
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464483
Code OB Desc:		**North83:**	5035381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/22/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004828620
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	
Other Materials:	
Formation Top Depth:	1.22
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828619
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28

Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828621
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	3.66
Formation End Depth:	5.49
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004828632
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004828630
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004828631
Layer:	2
Plug From:	0.31
Plug To:	2.13
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: 1004828618
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004828625
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 2.44
Casing Diameter: 4.03
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004828626
Layer: 1
Slot: 10
Screen Top Depth: 2.44
Screen End Depth: 5.49
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Hole Diameter

Hole ID: 1004828622
Diameter: 20.32
Depth From: 0
Depth To: 1.83
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1004828623
Diameter: 8.25
Depth From: 1.83
Depth To: 5.49
Hole Depth UOM: m
Hole Diameter UOM: cm

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17 **1 of 1** **E/70.7** **87.9 / 1.00** **ON** **WWIS**

Well ID: 7221028
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z178049
Tag: A156169
Construction Method:
Elevation (m):
Elevation Reliability:
Data Entry Status:
Data Src:
Date Received: 5/30/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2035 TRIM RD
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:

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

Bore Hole Information

Bore Hole ID:	1004791078	***Elevation:***	88.87265
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464598
Code OB Desc:		***North83:***	5035199
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	4/3/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005167045
Layer:	1
Color:	2
General Color:	GREY
Mat1:	
Most Common Material:	
Mat2:	11
Other Materials:	GRAVEL
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005167046
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment

Sealing Record

Plug ID:	1005167054
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005167055
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005167056
Layer:	3
Plug From:	1.22
Plug To:	4.57
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:	1005167044
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005167049
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.6
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005167050
Layer:	1
Slot:	10
Screen Top Depth:	1.6
Screen End Depth:	4.57
Screen Material:	5

Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Hole Diameter

Hole ID: 1005167047
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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18 | ***1 of 1*** | ***ENE/78.9*** | ***86.9 / 0.00*** | ***Imperial Oil Limited***
No municpal address.
ON | ***RSC***

RSC ID: 61717
RA No:
RSC Type:
Curr Property Use: Agriculture/Other
Ministry District: OTTAWA
Filing Date: 11-Feb-10
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 18-Sep-08
Cert Prop Use No: No CPU
Intended Prop Use: Commercial
Qual Person Name: Ed Charlton
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 21 to 100 meters
Telephone: 416-4417389
Fax: 416-4417400
Email: ed.m.charlton@esso.ca
Asmt Roll No: 6.145E+17
Prop ID No: 14525-0825 LT
Property Municipal Address: No municpal address.
Mailing Address: 90 WYNFORD DR, TORONTO, ON, M3C 1K5
Latitude & Latitude: 45.47034660N 75.45321740W (converted from UTM)
UTM Coordinates: NAD83 18-464573-5035302
Consultant:
Filing Owner:
Legal Desc: Part Lot 1 Concession 8, Part 1 Plan 4R12824; Cumberland
Measurement Method: Interpolation from a map
Applicable Standards: Full Depth Site Conditions Standard, with Nonpotable Ground Water, Medium/Fine Textured Soil, for Industrial/Commercial/Community property use
RSC PDF:

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19 | ***1 of 1*** | ***NNE/83.1*** | ***85.9 / -1.00*** | ***OTTAWA ON*** | ***WWIS***

Well ID: 7200449
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use:
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z152768
Tag: A145391
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Data Entry Status:
Data Src:
Date Received: 4/16/2013
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 1985 TRIM RD
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1004275489	***Elevation:***	88.345634
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464495
Code OB Desc:		***North83:***	5035394
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/22/2012	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004828635
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.83
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828634
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1.83
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828636
Layer:	3

Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4.57
Formation End Depth: 6.1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828645
Layer: 2
Plug From: 2.74
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828644
Layer: 1
Plug From: 6.1
Plug To: 2.74
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828646
Layer: 3
Plug From: 0.31
Plug To: 0
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: 1004828633
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004828639
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0

Depth To:	3.1
Casing Diameter:	3.45
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004828640
Layer:	1
Slot:	10
Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.21

Hole Diameter

Hole ID:	1004828637
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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20 ***1 of 1*** ***NNE/85.7*** ***85.9 / -1.00*** ***OTTAWA ON*** ***WWIS***

Well ID:	7200446	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	4/16/2013
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z152770	**Owner:**	
Tag:	A145392	**Street Name:**	1985 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004275480	**Elevation:**	88.237281
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464505
Code OB Desc:		**North83:**	5035395
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/27/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1004828591
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.83
Formation End Depth: 4.27
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004828590
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1.83
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1004828592
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
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

Plug ID: 1004828601
Layer: 2

Plug From: 2.74
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828602
Layer: 3
Plug From: 0.31
Plug To: 0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828600
Layer: 1
Plug From: 6.1
Plug To: 2.74
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: 1004828589
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004828595
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.1
Casing Diameter: 3.45
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004828596
Layer: 1
Slot: 10
Screen Top Depth: 3.1
Screen End Depth: 6.1
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.21

Hole Diameter

Hole ID:	1004828593
Diameter:	8.25
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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21 ***1 of 1*** ***ESE/88.5*** ***87.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	7176825	***Data Entry Status:***	Yes
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	2/16/2012
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	1844
Casing Material:		***Form Version:***	5
Audit No:	M08708	***Owner:***	
Tag:	A110671	***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003692667	***Elevation:***	88.631408
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464615
Code OB Desc:		***North83:***	5035165
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/1/2011	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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22 ***1 of 1*** ***ESE/94.1*** ***87.9 / 1.00*** ***Ottawa ON*** ***WWIS***

Well ID:	7181202	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	5/18/2012
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z148486	***Owner:***	
Tag:	A125723	***Street Name:***	2035 TRIM RD

Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003789519	***Elevation:***	88.774269
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464612
Code OB Desc:		***North83:***	5035141
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	4/5/2012	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004315380
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	3.96
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004315379
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	01
Other Materials:	FILL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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

Screen Top Depth:	0.91
Screen End Depth:	3.96
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.83

Hole Diameter

Hole ID:	1004315381
Diameter:	
Depth From:	0
Depth To:	3.96
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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23 | ***1 of 1*** | ***N/94.3*** | ***86.2 / -0.67*** | ***RIVERSTONE (TRIM ROAD) LIMITED PARTNERSHIP*** ***1980 Trim Road*** ***Ottawa ON K4A 4S7*** | ***EASR***

Approval No:	R-009-1110523635	**SWP Area Name:**	Rideau Valley
Status:	REGISTERED	**MOE District:**	Ottawa
Date:	2018-07-12	**City:**	Ottawa
Record Type:	EASR	**Latitude:**	45.47111111
Link Source:	MOFA	**Longitude:**	-75.45527778
Project Type:	Water Taking - Construction Dewatering	**Geometry X:**	
Full Address:		**Geometry Y:**	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2074089		

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24 | ***1 of 8*** | ***NNE/95.5*** | ***85.9 / -1.00*** | ***Ultramar Ltee/Ultramar Ltd.*** ***1985 Trim Rd*** ***Ottawa ON K4A 4R7*** | ***CA***

Certificate #:	1682-76CMCY
Application Year:	2007
Issue Date:	8/23/2007
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

---

24 | ***2 of 8*** | ***NNE/95.5*** | ***85.9 / -1.00*** | ***Ultramar Ltee/Ultramar Ltd.*** ***1985 Trim Rd*** ***Ottawa ON H3A 3L3*** | ***ECA***

Approval No:	1682-76CMCY	**MOE District:**	
Approval Date:	2007-08-23	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Address: 1985 Trim Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2983-6ZRRA5-14.pdf

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24 | **3 of 8** | **NNE/95.5** | **85.9 / -1.00** | **1985 Trim Road, Orleans ON K4A 4R7** | **EHS**

Order No: 20120906041
Status: C
Report Type: Standard Report
Report Date: 12-SEP-12
Date Received: 06-SEP-12
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -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** | **FST**

Instance No: 55228225
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
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 Liquid Fuel Tank

---

24 | **5 of 8** | **NNE/95.5** | **85.9 / -1.00** | **CST CANADA CO, 1985 TRIM RD, OTTAWA ON K4A 4R7** | **FST**

Instance No: 55228228
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
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 Liquid Fuel Tank

---

24 | **6 of 8** | **NNE/95.5** | **85.9 / -1.00** | **CST CANADA CO, 1985 TRIM RD, OTTAWA ON K4A 4R7** | **FST**

Instance No: 55228226
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Gasoline
Status: Active

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Capacity: 35000
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 | 7 of 8 | NNE/95.5 | 85.9 / -1.00 | **CST CANADA CO**
1985 TRIM RD
OTTAWA ON K4A 4R7 | FST

Instance No: 55228227
Cont Name:
Instance Type: FS Liquid Fuel Tank
Fuel Type: Diesel
Status: Active
Capacity: 25000
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 | 8 of 8 | NNE/95.5 | 85.9 / -1.00 | **ULTRAMAR LTEE ATT JOSEE TREMBLAY**
1985 TRIM RD
OTTAWA ON K4A 4R7 | FSTH

License Issue Date: 9/2/2008 9:59:00 AM
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Retail Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2008
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2008
Corrosion Protection:
Capacity: 35000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Status: Active
Year of Installation: 2008
Corrosion Protection:
Capacity: 25000
Tank Fuel Type: Liquid Fuel Double Wall UST - Diesel

Status: Active
Year of Installation: 2008
Corrosion Protection:
Capacity: 50000
Tank Fuel Type: Liquid Fuel Double Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
25	1 of 1	E/96.5	87.9 / 1.00	OTTAWA ON	WWIS

Well ID:	7226784	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	9/8/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z187834	**Owner:**	
Tag:		**Street Name:**	2035 TRIM RD.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005116213	**Elevation:**	88.620193
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464625
Code OB Desc:		**North83:**	5035178
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/25/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005256440
Layer:	2
Plug From:	0.31
Plug To:	1.83
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256441
Layer:	3
Plug From:	1.83
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment

Sealing Record

Plug ID:	1005256439
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005256430
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005256434
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:	1005256435
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005256432
Diameter:	6.03
Depth From:	0
Depth To:	4.51
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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26 ***1 of 1*** ***ESE/98.3*** ***87.9 / 1.00*** ***OTTAWA ON*** ***WWIS***

Well ID:	7226781	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	9/8/2014
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z188320	***Owner:***	
Tag:		***Street Name:***	2035 TRIM RD.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP

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

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

Bore Hole Information

Bore Hole ID:	1005116194	***Elevation:***	88.727851
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464623
Code OB Desc:		***North83:***	5035157
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/25/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005256347
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256348
Layer:	3
Plug From:	2.13
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256346
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005256337
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005256341
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:	1005256342
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	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

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27 ***1 of 1*** ***NNE/98.5*** ***85.9 / -1.00*** ***OTTAWA ON*** ***WWIS***

Well ID:	7200447	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	4/16/2013
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z152769	***Owner:***	
Tag:	A145393	***Street Name:***	1985 TRIM RD
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004275483	***Elevation:***	88.16883
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18

Code OB:		***East83:***	464525
Code OB Desc:		***North83:***	5035402
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/22/2013	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004828605
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	1.22
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828604
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004828606
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	3.66
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828615
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1004828616
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 Use

Method 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

Screen Top Depth:	3.1
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.82

Hole Diameter

Hole ID:	1004828608
Diameter:	8.25
Depth From:	2.13
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1004828607
Diameter:	20.32
Depth From:	0
Depth To:	2.13
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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28 ***1 of 1*** ***E/100.3*** ***87.9 / 1.00*** ***lot 1 con 8 CUMBERLAND ON*** ***WWIS***

Well ID:	7275787	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	11/28/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z237083	**Owner:**	
Tag:		**Street Name:**	2035 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006297815	**Elevation:**	88.788925
DP2BR:		**Elevrc:**	
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:			

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

Annular Space/Abandonment Sealing Record

Plug ID: 1006449759
Layer: 1
Plug From: 84
Plug To: 2
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006449760
Layer: 2
Plug From: 2
Plug To: 0
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1006449752
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006449756
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006449757
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1006449754
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft

Hole Diameter UOM: inch

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29 **1 of 2** **NNE/102.2** **85.9 / -1.00** **OTTAWA ON** **WWIS**

Well ID:	1536313	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	4/27/2006
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	3
Audit No:	Z36610	**Owner:**	
Tag:	A029537	**Street Name:**	1961 TRIM ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11550379	**Elevation:**	88.185523
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	464509
Code OB Desc:	Overburden	**North83:**	5035411
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	3/15/2006	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933060403
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.75
Formation End Depth:	3
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	933060402
Layer:	1
Color:	
General Color:	
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.75
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	933060404
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	6.1
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933296195
Layer:	1
Plug From:	0
Plug To:	1.4
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	11559986
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930881489
Layer:	1
Material:	5

Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.4
Casing Diameter:	51
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933419133
Layer:	1
Slot:	10
Screen Top Depth:	1.5
Screen End Depth:	6.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	58

Hole Diameter

Hole ID:	11681072
Diameter:	20
Depth From:	0
Depth To:	6.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

29 **2 of 2** **NNE/102.2** **85.9 / -1.00** **OTTAWA ON** **WWIS**

Well ID:	1536398	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/19/2006
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6964
Casing Material:		**Form Version:**	3
Audit No:	Z34815	**Owner:**	
Tag:	A029537	**Street Name:**	1961 TRIM ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	11550464	**Elevation:**	88.185523
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	464509
Code OB Desc:	Overburden	**North83:**	5035411
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	6/7/2006	**UTMRC Desc:**	margin of error : 10 - 30 m

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

Overburden and Bedrock Materials Interval

Formation ID: 933057814
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0.75
Formation End Depth: 3
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933057813
Layer: 1
Color:
General Color:
Mat1: 06
Most Common Material: SILT
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 0.75
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933057815
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 6.1
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293787
Layer: 1
Plug From: 0
Plug To: 0.3
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293789
Layer: 3
Plug From: 2.8
Plug To: 6.1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933293788
Layer: 2
Plug From: 0.3
Plug To: 2.8
Plug Depth UOM: m

Pipe Information

Pipe ID: 11560071
Casing No: 1
Comment:
Alt Name:

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30 ***1 of 1*** ***ESE/103.0*** ***87.9 / 1.00*** ***Ottawa ON*** ***WWIS***

Well ID: 7181203
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z148487
Tag: A125722
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/18/2012
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2035 TRIM RD
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1003789522
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation: 88.81604
Elevrc:
Zone: 18
East83: 464620
North83: 5035137

Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/5/2012	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004315394
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.91
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004315392
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	01
Other Materials:	FILL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1004315393
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0.31
Formation End Depth:	0.91
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004315404
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004315403
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1004315402
Layer:	1
Plug From:	0
Plug To:	0.31
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:	1004315391
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004315397
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.52
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1004315398
Layer:	1
Slot:	10
Screen Top Depth:	1.52
Screen End Depth:	4.57

Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	482

Hole Diameter

Hole ID:	1004315395
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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31 | ***1 of 1*** | ***N/104.2*** | ***85.9 / -1.03*** | ***lot A con 9 ON*** | ***WWIS***

Well ID:	1512775	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/19/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1504
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	A
Well Depth:		**Concession:**	09
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10034763	**Elevation:**	88.122886
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	464392.8
Code OB Desc:	Overburden	**North83:**	5035385
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/17/1960	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931021519
Layer:	1
Color:	3

General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	90
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931021520
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	90
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10583333
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061591
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991512775
Pump Set At:	
Static Level:	19
Final Level After Pumping:	25
Recommended Pump Depth:	25

Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	7
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933468267
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

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32 | ***1 of 1*** | ***ESE/104.2*** | ***87.9 / 1.00*** | ***OTTAWA ON*** | ***WWIS***

Well ID:	7226783	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	9/8/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z187832	**Owner:**	
Tag:		**Street Name:**	2035 TRIM RD.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005116200	**Elevation:**	88.797996
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464627
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
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005256428
Layer:	2
Plug From:	0.31
Plug To:	1.83
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256427
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256429
Layer:	3
Plug From:	1.83
Plug To:	4.57
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005256418
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005256422
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:	1005256423
Layer:	1
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Hole ID: 1005256420
Diameter: 6.03
Depth From: 0
Depth To: 1.5
Hole Depth UOM: m
Hole Diameter UOM: cm

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33 **1 of 1** **E/109.5** **87.9 / 1.00** **Ottawa ON** **WWIS**

Well ID: 7221021
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z183180
Tag: A155792
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/30/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2033 TRIM ROAD
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1004791048
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 4/9/2014
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.599739
Elevrc:
Zone: 18
East83: 464638
North83: 5035192
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005166749
Layer: 1
Color: 6
General Color: BROWN
Mat1:
Most Common Material:
Mat2: 11
Other Materials: GRAVEL
Mat3: 73
Other Materials: HARD
Formation Top Depth: 0

Formation End Depth: 0.31
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005166751
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Other Materials: SILT
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 1.22
Formation End Depth: 4.57
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005166750
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 66
Other Materials: DENSE
Formation Top Depth: 0.31
Formation End Depth: 1.22
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166759
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166760
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166761
Layer: 3
Plug From: 1.22
Plug To: 4.57

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: 1005166748
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005166754
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.52
Casing Diameter: 4.03
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005166755
Layer: 1
Slot: 10
Screen Top Depth: 1.52
Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Hole Diameter

Hole ID: 1005166752
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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34 ***1 of 1*** ***E/112.7*** ***87.9 / 1.00*** ***OTTAWA ON*** ***WWIS***

Well ID: 7226785
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z187835

Data Entry Status:
Data Src:
Date Received: 9/8/2014
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:

Tag:		**Street Name:**	2035 TRIM RD.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005116216	**Elevation:**	88.565963
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464641
Code OB Desc:		**North83:**	5035175
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/25/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005256452
Layer:	2
Plug From:	0.31
Plug To:	1.83
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256451
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256453
Layer:	3
Plug From:	1.83
Plug To:	3.96
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005256442
Casing No:	0

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005256446
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To:
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
Diameter: 4.82
Depth From: 0
Depth To: 1.5
Hole Depth UOM: m
Hole Diameter UOM: cm

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35 ***1 of 1*** ***E/112.9*** ***87.9 / 1.00*** ***OTTAWA ON*** ***WWIS***

Well ID: 7226786
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z187836
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/8/2014
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2035 TRIM RD,
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1005116219	**Elevation:**	88.5718
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464641
Code OB Desc:		**North83:**	5035173
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/25/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005256461
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005256462
Layer:	2
Plug From:	0.31
Plug To:	5.49
Plug Depth UOM:	m

Pipe Information

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 Diameter:	20.32
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005256459
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m

Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 1005256456
Diameter: 20.32
Depth From: 0
Depth To: 5.49
Hole Depth UOM: m
Hole Diameter UOM: cm

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36 | **1 of 1** | **ESE/113.1** | **87.9 / 1.00** | **OTTAWA ON** | **WWIS**

Well ID: 7226782
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z187833
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/8/2014
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2035 TRIM RD.
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1005116197
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 7/25/2014
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.826881
Elevrc:
Zone: 18
East83: 464637
North83: 5035152
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1005256392
Layer: 3
Plug From: 1.83
Plug To: 4.57
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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

Construction Record - Screen

Screen ID:	1005256386
Layer:	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
Depth From:	0
Depth To:	1.5
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	NNE/117.9	85.9 / -1.00	lot A con 8 ON	WWIS

Well ID: 1518164
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/5/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: A
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040034
DP2BR: 46
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 4/26/1982
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.122879
Elevrc:
Zone: 18
East83: 464529.8
North83: 5035421
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931037566
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 46
Formation End Depth: 68
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037563

Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	16
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037565
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	46
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037564
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	16
Formation End Depth:	38
Formation End 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:	10588604
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069923
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518164
Pump Set At:	
Static Level:	17
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	80
Flowing Rate:	
Recommended Pump Rate:	30
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934378236
Test Type:	Recovery
Test Duration:	30
Test Level:	17
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639294
Test Type:	Recovery
Test Duration:	45
Test Level:	17
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103483
Test Type:	Recovery
Test Duration:	15
Test Level:	17
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897338
Test Type:	Recovery
Test Duration:	60
Test Level:	17
Test Level UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Water Details

Water ID:	933474822
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68
Water Found Depth UOM:	ft

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38 | ***1 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***City of Ottawa***
2035 Trim Rd
Ottawa ON K2G 6J8 | ***ECA***

Approval No:	2908-A2LR47	***MOE District:***	
Approval Date:	2015-09-30	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Address:	2035 Trim Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1672-9VSRDX-14.pdf		

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38 | ***2 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***2035 Trim Road***
Ottawa ON K4A 3R2 | ***EHS***

Order No:	20100111003	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	1/19/2010	***Search Radius (km):***	0.25
Date Received:	1/11/2010	***X:***	-75.452896
Previous Site Name:		***Y:***	45.469331
Lot/Building Size:			
Additional Info Ordered:			

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38 | ***3 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***2035 Trim Road***
Ottawa ON | ***EHS***

Order No:	20131107027	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	18-NOV-13	***Search Radius (km):***	.25
Date Received:	07-NOV-13	***X:***	-75.451964
Previous Site Name:		***Y:***	45.469098
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

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38 | ***4 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***REGIONAL MUNICIPALITY OF OTTAWA CARLETON***
2035 TRIM RD
OTTAWA ON K4A 3R2 | ***FST***

Instance No:	10717252
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Status:	Active
Capacity:	9000
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Single Wall UST
Install Year:	1985
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	5 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 2035 TRIM RD OTTAWA ON K4A 3R2	FST

Instance No:	10717321
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Diesel
Status:	Active
Capacity:	4540
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Single Wall UST
Install Year:	1985
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	6 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 2035 TRIM RD OTTAWA ON K4A 3R2	FST

Instance No:	10717178
Cont Name:	
Instance Type:	FS Liquid Fuel Tank
Fuel Type:	Diesel
Status:	Active
Capacity:	22700
Tank Material:	Fiberglass (FRP)
Corrosion Protection:	Fiberglass
Tank Type:	Single Wall UST
Install Year:	1985
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve
Facility Type:	FS Liquid Fuel Tank

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	7 of 32	ESE/119.5	87.9 / 1.00	REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 2035 TRIM RD LOT 1 CON 8 CUMBERLAND TWP ON K4A 3R2	FSTH

License Issue Date:	6/4/1990
Tank Status:	Licensed
Tank Status As Of:	August 2007
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

--Details--

Status:	Active
Year of Installation:	1985
Corrosion Protection:	

Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1985
Corrosion Protection:
Capacity: 9000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1985
Corrosion Protection:
Capacity: 4540
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

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38 | **8 of 32** | **ESE/119.5** | **87.9 / 1.00** | **REGIONAL MUNICIPALITY OF OTTAWA CARLETON ATTN : MARC LEVESQUE 2035 TRIM RD NAVAN ON** | **FSTH**

License Issue Date: 6/4/1990
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 1985
Corrosion Protection:
Capacity: 22700
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

Status: Active
Year of Installation: 1985
Corrosion Protection:
Capacity: 9000
Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline

Status: Active
Year of Installation: 1985
Corrosion Protection:
Capacity: 4540
Tank Fuel Type: Liquid Fuel Single Wall UST - Diesel

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38 | **9 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa 2035 Trim Orleans ON K4A 3R2** | **GEN**

Generator No: ON9637039
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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38 **10 of 32** **ESE/119.5** **87.9 / 1.00** **City of Ottawa** **GEN**
2035 Trim Road
Ottawa ON K1P1J1

Generator No: ON0303127
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 913910
SIC Description: 913910

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Matthew Girard
Phone No Admin: (613)748-4275 Ext.268

Detail(s)

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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38 **11 of 32** **ESE/119.5** **87.9 / 1.00** **OTTAWA-CARLETON,REGIONAL MUNICIPALITY OF** **GEN**
2035 TRIM ROAD
NAVAN ON K4A 7J5

Generator No: ON0303127

PO Box No:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Status:		***Country:***	
Approval Years:	95,96,97	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	4599		
SIC Description:	OTHER TRANS. SERV.		

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	222
Waste Class Desc:	HEAVY FUELS
Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS
Waste Class:	242
Waste Class Desc:	HALOGENATED PESTICIDES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	269
Waste Class Desc:	NON-HALOGENATED PESTICIDES

38	***12 of 32***	***ESE/119.5***	***87.9 / 1.00***	***City of Ottawa 2035 Trim Road Ottawa ON K1P1J1***	***GEN***

Generator No:	ON0303127	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_ADMIN
Contam. Facility:	No	***Co Admin:***	Matthew Girard
MHSW Facility:	No	***Phone No Admin:***	(613)748-4275 Ext.268
SIC Code:	913910		

SIC Description: 913910

Detail(s)

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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38 | ***13 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***City of Ottawa***
2035 Trim
Orleans ON K4A 3R2 | ***GEN***

Generator No: ON9637039
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	14 of 32	ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K1P1J1	GEN

Generator No: ON0303127
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 913910
SIC Description: 913910

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Matthew Girard
Phone No Admin: (613)748-4275 Ext.268

Detail(s)

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	15 of 32	ESE/119.5	87.9 / 1.00	CUMBERLAND, TOWNSHIP OF 08-703 MUNICIPAL ROADS GARAGE 2035 TRIM ROAD CUMBERLAND ON K4A 3R2	GEN

Generator No: ON0214701
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8371

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

SIC Description: TRANSPORTATION ADMIN

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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38 | ***16 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***City of Ottawa 2035 Trim Orleans ON*** | ***GEN***

Generator No: ON9637039
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description:

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

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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38 | ***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: ON0214701
Status:
Approval Years: 90,92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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38 | ***18 of 32*** | ***ESE/119.5*** | ***87.9 / 1.00*** | ***City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2*** | ***GEN***

Generator No: ON0303127
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

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38 | ***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: ON0303127
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 4599
SIC Description: OTHER TRANS. SERV.

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

Detail(s)

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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38 | **20 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa**
2035 Trim Road
Ottawa ON K4A 3R2 | **GEN**

Generator No: ON0303127
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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38 | **21 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa Public Works & Environmental Services, East Roads**
2035 Trim Road
Ottawa ON K1P1J1 | **GEN**

Generator No: ON0303127
Status: Registered
Approval Years: As of Dec 2017
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

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

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

Waste Class: 331 R
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 242 B
Waste Class Desc: Halogenated pesticides and herbicides

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

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 222 I
Waste Class Desc: Heavy fuels

Waste Class: 145 L
Waste Class Desc: Wastes from the use of pigments, coatings and paints

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

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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38 **22 of 32** **ESE/119.5** **87.9 / 1.00** **CUMBERLAND, TOWNSHIP OF**
2035 TRIM ROAD
CUMBERLAND ON K0A 1S0 **GEN**

Generator No: ON0214701
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8371
SIC Description: TRANSPORTATION ADMIN.

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

Detail(s)

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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

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38 **23 of 32** **ESE/119.5** **87.9 / 1.00** **City of Ottawa**
2035 Trim Road
Ottawa ON K4A 3R2 **GEN**

Generator No: ON8991136
Status:
Approval Years: 02,03,04
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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38 | **24 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa**
2035 Trim
Orleans ON K4A 3R2 | **GEN**

Generator No: ON9637039
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

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

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38 | **25 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa**
2035 Trim Road
Ottawa ON | **GEN**

Generator No: ON0303127
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description:

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 331

Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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

38	26 of 32	ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Ottawa ON K4A 3R2	GEN

Generator No: ON0303127
Status:
Approval Years: 05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

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

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

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269
Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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38 | **27 of 32** | **ESE/119.5** | **87.9 / 1.00** | **City of Ottawa**
2035 Trim Road
Ottawa ON K4A 3R2 | **GEN**

Generator No: ON0303127
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	28 of 32	ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Road Orleans ON K4A 3R2	GEN

Generator No: ON9637039
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	29 of 32	ESE/119.5	87.9 / 1.00	City of Ottawa 2035 Trim Orleans ON K4A 3R2	GEN

Generator No: ON9637039
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	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: 3687
Type: private
Expiry Date:
Capacity (L): 36380.00
Licence #: 0001008181

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
38	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
Site No:
Incident Dt: //
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	20601
Nature of Impact:	Soil contamination	**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:	1/5/1999	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CUMBERLAND TWP. - DIESEL FUEL TO GROUND FROM UNDERGROUND TANK.		
Contaminant Qty:			

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38 | ***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 Cause:	Pipe Or Hose Leak	**Sector Type:**	Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	HYDRAULIC OIL	**Site Address:**	2035 Trim Rd
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:	Other Impact(s)	**Site Lot:**	
Receiving Medium:	Sewage - Municipal/Private and Commercial	**Site Conc:**	
Receiving Env:		**Northing:**	NA
MOE Response:	No Field Response	**Easting:**	NA
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	01-JAN-12	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:		**Source Type:**	
Site Name:	City of Ottawa Works Yard		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Harold Marcus: hyd fluid to grd, ctd, clng <20L		
Contaminant Qty:			

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39 | ***1 of 1*** | ***NNW/128.5*** | ***85.9 / -1.00*** | ***ON*** | ***BORE***

Borehole ID:	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 Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	464371

Drill Method:		**Northing:**	5035402
Orig Ground Elev m:	87.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	88.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403699	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	27.4	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218403700	**Mat Consistency:**	
Top Depth:	27.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL. WATER STABLE AT 249.9 FEET.CK. GREY. = 6000. BEDROCK. SEISMIC VELOCITY = 19500.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 088480 NTS_Sheet: 31G06E		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

40 ***1 of 1*** ***ESE/135.8*** ***87.9 / 1.00*** ***Ottawa ON*** ***WWIS***

Well ID:	7221027	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/30/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241

Casing Material:		***Form Version:***	7
Audit No:	Z183166	***Owner:***	
Tag:	A157816	***Street Name:***	2035 TRIM RD
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791066	***Elevation:***	88.614471
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464661
Code OB Desc:		***North83:***	5035154
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/31/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166922
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.61
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166924
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT

Formation Top Depth:	3.35
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166923
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0.61
Formation End Depth:	3.35
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166932
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166934
Layer:	3
Plug From:	1.27
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166933
Layer:	2
Plug From:	0.31
Plug To:	1.27
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:	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

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41 ***1 of 1*** ***E/146.9*** ***87.9 / 1.00*** ***Ottawa ON*** ***WWIS***

Well ID:	7221025	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	5/30/2014
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z183169	***Owner:***	
Tag:	A156182	***Street Name:***	2035 TRIM RD
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791060	***Elevation:***	88.673164

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464675
Code OB Desc:		**North83:**	5035171
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/31/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166867
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Other Materials:	SOFT
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166868
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	1.22
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166869
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	3.35

Formation End Depth: 4.57
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166877
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166878
Layer: 2
Plug From: 0.31
Plug To: 1.22
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005166879
Layer: 3
Plug From: 1.22
Plug To: 4.57
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: 1005166866
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005166872
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: 1005166873

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

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: 1005166870
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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42 | ***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 #: 6045-7CVQFX
Application Year: 2008
Issue Date: 3/20/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

42 | ***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: 6045-7CVQFX
Approval Date: 2008-03-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-AIR
Project Type: AIR
Address: 1999 Provence Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6636-76HJV9-14.pdf

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

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42 | ***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: ON1285772
Status:

PO Box No:
Country:

Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 611690
SIC Description: All Other Schools and Instruction

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

42 | **4 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: ON1285772
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 611690
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Annie Ladouceur
Phone No Admin: 613-746-3107 Ext.3

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

42 ***5 of 14*** ***SW/150.0*** ***88.0 / 1.08*** ***CONSEIL DES ECOLES CATHOLIQUES DE LANGUE***
BEATRICE-DESLOGES 1999 AV. PROVENCE
OTTAWA ON K4A 3Y6 ***GEN***

Generator No: ON1285772
Status:
Approval Years: 01
Contam. Facility:
MHSW Facility:
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.

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

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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42 ***6 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: ON1285772
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 611690
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Maryse Maryse Lafrance
Phone No Admin: 6137463107 Ext.2

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

42	7 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: ON1285772
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 611690
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Nathalie Fuhrmann
Phone No Admin: 613-746-3107 Ext.3

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

42	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: ON1285772
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 611690
SIC Description: All Other Schools and Instruction

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

42	9 of 14	SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

1999 AVENUE PROVENCE
ORLEANS ON K4A 3Y6

Generator No:	ON1285772	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2011	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	611690		
SIC Description:	All Other Schools and Instruction		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	121
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	10 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:	ON1285772	***PO Box No:***	
Status:	Registered	***Country:***	Canada
Approval Years:	As of Dec 2018	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	121 C
Waste Class Desc:	Alkaline slutions - containing heavy metals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints

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

Waste Class: 148 A
Waste Class Desc: Misc. wastes and inorganic chemicals

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

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

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

Waste Class: 148 R
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 212 B
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

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

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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42 | **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: ON1285772
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 611690
SIC Description: All Other Schools and Instruction

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

Detail(s)

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

42	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 No: ON1285772
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

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

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	13 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: ON1285772
Status: Registered
Approval Years: As of Jul 2019
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

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

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

Waste Class: 263 I
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 148 A
Waste Class Desc: Misc. wastes and inorganic chemicals

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

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

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

Waste Class: 148 R
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

Waste Class: 263 B
Waste Class Desc: Misc. waste organic chemicals

Waste Class: 263 A
Waste Class Desc: Misc. waste organic chemicals

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

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 212 B
Waste Class Desc: Aliphatic solvents and residues

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	14 of 14	SW/150.0	88.0 / 1.08	CONSEIL DES ECOLES CATHOLIQUES DE LANGUE 1999 AVENUE PROVENCE ORLEANS ON	GEN

Generator No: ON1285772
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 611690
SIC Description: ALL OTHER SCHOOLS AND INSTRUCTION

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

Detail(s)

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

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

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

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

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	ESE/165.1	87.9 / 1.00	Ottawa ON	WWIS

Well ID: 7221024
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z183168
Tag: A156181
Construction Method:
Elevation (m):

Data Entry Status:
Data Src:
Date Received: 5/30/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 2035 TRIM RD
County: OTTAWA-CARLETON
Municipality: CUMBERLAND TOWNSHIP

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

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

Bore Hole Information

Bore Hole ID:	1004791057	***Elevation:***	88.831802
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	464689
Code OB Desc:		***North83:***	5035145
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	3/31/2014	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166843
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	3.35
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166842
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	0.91
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166841
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.91
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166853
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166852
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166851
Layer:	1
Plug From:	0
Plug To:	0.31
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:	1005166840
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005166846
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:	1005166847
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:	1005166844
Diameter:	8.25
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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44 | **1 of 1** | **E/182.2** | **87.9 / 1.00** | **lot 1 con 8 Ottawa ON** | **WWIS**

Well ID:	7221026	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	5/30/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z183167	**Owner:**	
Tag:	A156183	**Street Name:**	2035 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791063	**Elevation:**	88.914131
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464710
Code OB Desc:		**North83:**	5035166

Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	3/31/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166912
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	3.35
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166911
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.91
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166910
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.91
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166918
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166919
Layer:	2
Plug From:	0.31
Plug To:	1.27
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166920
Layer:	3
Plug From:	1.27
Plug To:	4.57
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005166909
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005166915
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:	1005166916
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:	1005166913

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

45 **1 of 1** **NNE/182.2** **85.9 / -1.00** **110 BRIARGATE [PRIVATE] OTTAWA ON K4A 0C5** **HINC**

External File Num:	FS INC 0611-04170
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	10/30/2006
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (excluding pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Utilization
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

46 **1 of 1** **E/214.7** **86.9 / 0.00** **Ottawa ON** **WWIS**

Well ID:	7221023	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	5/30/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z183179	**Owner:**	
Tag:	A155793	**Street Name:**	2033 TRIM ROAD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004791054	**Elevation:**	88.685989
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464731

Code OB Desc:		**North83:**	5035257
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/1/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1005166816
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166817
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	1.22
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005166815
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166825
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166826
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005166827
Layer:	3
Plug From:	1.22
Plug To:	4.57
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:	1005166814
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005166820
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.52
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005166821
Layer:	1
Slot:	10
Screen Top Depth:	1.52

Screen End Depth: 4.57
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.82

Hole Diameter

Hole ID: 1005166818
Diameter: 8.25
Depth From: 0
Depth To: 4.57
Hole Depth UOM: m
Hole Diameter UOM: cm

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47 ***1 of 4*** ***N/227.9*** ***85.9 / -1.00*** ***1427165 Ontario Limited***
2000 Valin St
Ottawa ON ***CA***

Certificate #: 0055-829UME
Application Year: 2010
Issue Date: 2/12/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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47 ***2 of 4*** ***N/227.9*** ***85.9 / -1.00*** ***1427165 Ontario Limited***
2000 Valin St
Ottawa ON ***CA***

Certificate #: 3430-857RGW
Application Year: 2010
Issue Date: 5/7/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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47 ***3 of 4*** ***N/227.9*** ***85.9 / -1.00*** ***1427165 Ontario Limited***
2000 Valin St ,
Ottawa ON K2P 0Y6 ***ECA***

Approval No: 3430-857RGW
Approval Date: 2010-05-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
MOE District: Ottawa
City:
Longitude: -75.4651
Latitude: 45.4722
Geometry X:
Geometry Y:

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 2000 Valin St ,
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4213-82KQNY-14.pdf

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47 | **4 of 4** | **N/227.9** | **85.9 / -1.00** | **1427165 Ontario Limited**
2000 Valin St ,
Ottawa ON K2P 0Y6 | **ECA**

Approval No:	0055-829UME	**MOE District:**	Ottawa
Approval Date:	2010-02-12	**City:**	
Status:	Approved	**Longitude:**	-75.4651
Record Type:	ECA	**Latitude:**	45.4722
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 2000 Valin St ,
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5681-7ZXUE9-14.pdf

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48 | **1 of 1** | **SSE/235.3** | **88.9 / 2.00** | **ORLEAN ON** | **WWIS**

Well ID:	7211753	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	11/26/2013
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7260
Casing Material:		**Form Version:**	7
Audit No:	Z159858	**Owner:**	
Tag:		**Street Name:**	2088 TRIM RD
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004649965	**Elevation:**	89.166633
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	464579
Code OB Desc:		**North83:**	5034953
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/14/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 1004950925
Layer: 4
Plug From: 110
Plug To: 142
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004950924
Layer: 3
Plug From: 40
Plug To: 110
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004950923
Layer: 2
Plug From: 10
Plug To: 40
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004950922
Layer: 1
Plug From: -5
Plug To: 10
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1004950914
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004950918
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Screen ID: 1004950919
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1004950916
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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49 | ***1 of 1*** | ***W/276.7*** | ***86.9 / 0.00*** | ***MOTOR VEHICLE INNIS AT PROVENCE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON*** | ***SPL***

Ref No: 203780
Site No:
Incident Dt: 6/19/2001
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Multi Media Pollution
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/19/2001
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BRADLEY BUS LINES:DIESEL FUEL TO ROAD AND SCHOOL YARD,CITY CLEANING UP
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved: CITY OF OTTAWA
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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50 | ***1 of 2*** | ***W/285.3*** | ***87.0 / 0.08*** | ***CLARIDGE COMMERCIAL DEVELOPMENT INC. PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON*** | ***CA***

Certificate #: 3-1721-98-
Application Year: 98
Issue Date: 11/13/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

50	2 of 2	W/285.3	87.0 / 0.08	CLARIDGE COMMERCIAL DEVELOPMENT INC. PROVENCE AVE/INNES RD/VALIN RD CUMBERLAND ON	CA

Certificate #:	7-1126-98-98
Application Year:	
Issue Date:	11/13/1998
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

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	
CA	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	
CA		Lot 1, Concession 9	Ottawa ON	
CA		Part of Lot 1, Concession 9	Cumberland ON	
CA		Part of Lot 1, Concession 9	Cumberland ON	
CA	Scully Way	Lot 1, Concession 9	Ottawa ON	
CA	Scully Way	Lot 1, Concession 9	Ottawa ON	

CA	A.J. ROBINSON & ASSOC.INC.BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	R.C. EPISCOPAL CORP. OF OTTAWA	INNES RD., BLK. 43, (SWM)	CUMBERLAND TWP. ON	
CA	REDEEMER ALLIANCE CHURCH	INNES RD., BLOCK 105 (SWM)	CUMBERLAND TWP. ON	
CA		Provence Avenue, Valin Street	Ottawa ON	
CA		Trim Road Right-of-Way (South of Highway 174)	Ottawa ON	
CA	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>	Innes Rd Eastbound at Blair	Ottawa ON
WWIS		con 9	ON
WWIS			OTTAWA ON
WWIS		con 9	ON

Unplottable Report

Site: ***Urbandale Corporation***
150 m south of Innes Road to 270 m south of Innes Road Ottawa ON

Database: ***CA***

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

Site:
Innes Road, Lot 1, Concession 9 Cumberland ON

Database: ***CA***

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:	

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

Database: ***CA***

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

Site: ***6095186 Canada Inc.***
Ottawa ON

Database: ***CA***

Certificate #:	5182-6B2NXQ

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

Site: ***6095186 Canada Inc.***
Ottawa ON

Database: ***CA***

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

Site: ***City of Ottawa***
Trim Road between Blackburn Hamlet Bypass and Innes Rd Ottawa ON

Database: ***CA***

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

Site: ***City of Ottawa***
Trim Road (between proposed Blackburn Extension) Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

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

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

Database: ***CA***

Certificate #:	3-0857-91-
Application Year:	91
Issue Date:	7/10/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***OTTAWA-CARLETON DISTRICT SCHOOL BOARD***
VALIN ST., CUMBERLAND ELE.SCH. CUMBERLAND ON

Database: ***CA***

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

Site: ***Provence Ave. Watermain***
Pt. Lot 1, Con. 9, City of Cumberland OTTAWA ON

Database: ***CA***

Certificate #:	4752-4FFS73
Application Year:	00
Issue Date:	1/12/00
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
Client Postal Code: K1G 2H5
Project Description: Watermains
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Lot 1, Concession 9 Ottawa ON

Certificate #: 1157-4UKJS3
Application Year: 01
Issue Date: 3/7/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Installation of storm and sanitary sewers on Scala Avenue, Calico Crescent, Swallowtail Crescent, Block 216, and Marwick Crescent.
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
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
Client Postal Code: K1G 2H5
Project Description: Installation of watermains on Scala Avenue, Calico Crescent, Swallowtail Crescent, Block 216, and Markwick Crescent.
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
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:

Site: ***Database:*** ***CA***
Part of Lot 1, Concession 9 Cumberland ON

Certificate #: 7377-4LAK72
Application Year: 00
Issue Date: 6/15/00
Approval Type: Municipal & Private water
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 Watermains on Mulder Avenue, Scully Way and the Easement on Block 89 from Innes Road
Contaminants:
Emission Control:

Site: ***Scully Way***
Lot 1, Concession 9 Ottawa ON

Database: ***CA***

Certificate #: 9846-56XQCU
Application Year: 02
Issue Date: 2/4/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1427165 Ontario Limited
Client Address: 210 Gladstone Avenue, Suite 2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for approval to install storm and sanitary sewers on Scully Way
Contaminants:
Emission Control:

Site: ***Scully Way***
Lot 1, Concession 9 Ottawa ON

Database: ***CA***

Certificate #: 7423-56XPWY
Application Year: 02
Issue Date: 2/4/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: 1427165 Ontario Limited
Client Address: 210 Gladstone Avenue, Suite 2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for approval to install watermains on Scully Way
Contaminants:
Emission Control:

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

Database: ***CA***

Certificate #: 7-1075-88-
Application Year: 88
Issue Date: 7/15/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.C. EPISCOPAL CORP. OF OTTAWA***
INNES RD., BLK. 43, (SWM) CUMBERLAND TWP. ON

Database: ***CA***

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

Site: ***REDEEMER ALLIANCE CHURCH***
INNES RD., BLOCK 105 (SWM) CUMBERLAND TWP. ON

Database: ***CA***

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

Site:
Provence Avenue, Valin Street Ottawa ON

Database: ***CA***

Certificate #:	3402-52YJWE
Application Year:	01
Issue Date:	10/9/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	Construction of storm sewer on Provence Avenue and Valin Street.
Contaminants:	
Emission Control:	

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

Database: ***CA***

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

Client Address: 1495 Heron Road, Pavilion 'M'
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of sanitary sewers on Trim Road, City of Ottawa
Contaminants:
Emission Control:

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

Database: ***CA***

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

Site: ***6095186 Canada Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 1047-5RMPEL
Application Year: 2003
Issue Date: 9/24/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CONV***

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

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

Publication Date:

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

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

Database: ***CONV***

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

Location:
Region: EASTERN REGION
Ministry District:

Additional Details

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

Additional Details

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

Site: ***Ultramar Ltd.***
Part 1, Reference Plan 4R-23561 Ottawa ON H3A 3L3

Database: ***ECA***

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

MOE District:
City:

Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Address:	Part 1, Reference Plan 4R-23561		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf		

Site: ***Urbandale Corporation***
Trim Rd 182 metres to 384 metres south of Innes Road (Cumberland) Ottawa ON K1G 2H5

Database: ***ECA***

Approval No:	3868-6SGSQG	***MOE District:***	
Approval Date:	2006-08-17	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Trim Rd 182 metres to 384 metres south of Innes Road (Cumberland)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2961-6S5H89-14.pdf		

Site: ***City of Ottawa***
Trim Rd 150 m south of Innes Road to 270 m south of Innes Road Ottawa ON K2G 6J8

Database: ***ECA***

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 AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE 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.accessenvironment.ene.gov.on.ca/instruments/7424-6JVT56-14.pdf		

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

Database: ***GEN***

Generator No:	ON2571108	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2010	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	221122		
SIC Description:	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

Database: ***GEN***

Generator No:	ON2571108	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2012	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	

MHSW Facility: ***Phone No Admin:***
SIC Code: 221122
SIC Description: Electric Power Distribution

Detail(s)

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

Site: ***Hydro One Networks Inc*** ***Database:*** ***GEN***
Navin DS Trim Road Ottawa ON

Generator No: ON2571108 ***PO Box No:***
Status: ***Country:***
Approval Years: 2011 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 221122
SIC Description: Electric Power Distribution

Detail(s)

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

Site: ***Hydro One Networks Inc*** ***Database:*** ***GEN***
Navin DS Trim Road Ottawa ON

Generator No: ON2571108 ***PO Box No:***
Status: ***Country:***
Approval Years: 2009 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 221122
SIC Description: Electric Power Distribution

Detail(s)

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

Site: ***ULTRAMAR LTÉE*** ***Database:*** ***RST***
OTTAWA OTTAWA ON

Headcode: 924800
Headcode Desc: Oils-Fuel
Phone: 6137275200
List Name:
Description:

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

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

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

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

Database: ***SPL***

Ref No:	59519	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/7/1991	***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:***	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:	11/7/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ESSO-3 LITRES DIESEL FUELTO GRND UNDER LOADING RACK,COUPLING NOT CLOSED		
Contaminant Qty:			

Site: ***Esso Petroleum Canada, A Division of Imperial Oil Limited***
Nepean Ottawa 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:***	

Dt Document Closed:	11/16/2007	***SAC Action Class:***	
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	1961 Merivale Rd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Errentom Tanklines - 8L diesel to grd		
Contaminant Qty:	8 L		

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

Database: ***SPL***

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:***	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:	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:			
Incident Summary:	ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L.HEATING OIL ON GROUND		
Contaminant Qty:			

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

Database: ***SPL***

Ref No:	155190	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/1/1998	***Health/Env Conseq:***	
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:	ESSO-156 L DIESEL TO LOT,LOADING ARM NOT IN TRUCKSCOMPARTMENT,PUMP STARTED.		
Contaminant Qty:			

Site: ***Glen Tay Transportation GP Inc. and Trim Road Ottawa ON***

Database: ***SPL***

Ref No:	5226-9MB49B	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2014/07/23	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Truck - Transport/Hauling
Incident Event:		***Agency Involved:***	
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:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***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:	Regional Rd 174 Eastbound<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Glen Tay Transportation: ukn diesel to ditch		
Contaminant Qty:	200 kg		

Site: ***UNKNOWN REG RD 57 CUMBERLAND TOWNSHIP ON***

Database: ***SPL***

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:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	REGION, FIRE
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/24/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	VANDALISM	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	25 4 L PAILS OF UNKNOWN CHEMICAL LEFT AT SIDE OF ROAD. 1 RUPTURED.		
Contaminant Qty:			

Site: ***Purolator Courier Eastbound Lanes just east of Innes Rd Ottawa ON***

Database: ***SPL***

Ref No:	3071-98NH3R	***Discharger Report:***	
Site No:		***Material Group:***	

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

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

Database: ***SPL***

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<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: diesel on road.		
Contaminant Qty:			

Site:
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

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

Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot:
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052513
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:

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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: 6
Formation End Depth: 44
Formation End Depth UOM: 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: 44
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: 931077135
Layer: 2
Color: 5
General Color: YELLOW
Mat1: 28
Most Common Material: SAND
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 6
Formation End Depth UOM: 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:	90
Formation End Depth:	130
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933116148
Layer:	1
Plug From:	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:	930091742
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
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:	N

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

Site:
OTTAWA ON

Database:
WWIS

Well ID: 1536378
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z45502
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/6/2006
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
Street Name: TRIM RD
County: OTTAWA-CARLETON
Municipality: 15000
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550444
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 5/2/2006
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

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 Use

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

Pipe Information

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

Hole Diameter

Hole ID:	11681150
Diameter:	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:
con 9 ON

Database:
WWIS

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

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931050482
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 109
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050483
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 109
Formation End Depth: 113
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931050481
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End 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: 10592562
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

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: 930076917
Layer: 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: N

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: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2018

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jan 31, 2019

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2019

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 - Mar 2019

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-May 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jun 30, 2019

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Oct 2018

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Jun 31, 2019

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jun 30, 2019

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Jun 30, 2019

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Apr 30, 2019

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of TSSA Expired Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: Jun 2000-May 2019

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Dec 31, 2018

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2019

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jun 30, 2019

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Mar 2019

TSSA Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jun 30, 2019

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jan 31, 2019

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Feb 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Jun 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 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.**

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Julie Crooks Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, Ontario K2K 3C7 For questions or concerns please contact **Julie Crooks** at: jcrooks@pinchin.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received Response Due Date	Fee Paid ~ ACCT ~ CHQ ☑ VISA ~ CASH
Telephone/Fax Nos. Tel: (613) 592-3387 ext 1833 Fax (613) 592-5897	Your Project/Reference No. 246763	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions**)

5150 Innes Road Ottawa Ontario

Present Property Owner(s) and Date(s) of Ownership

Crombie REIT

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) 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**

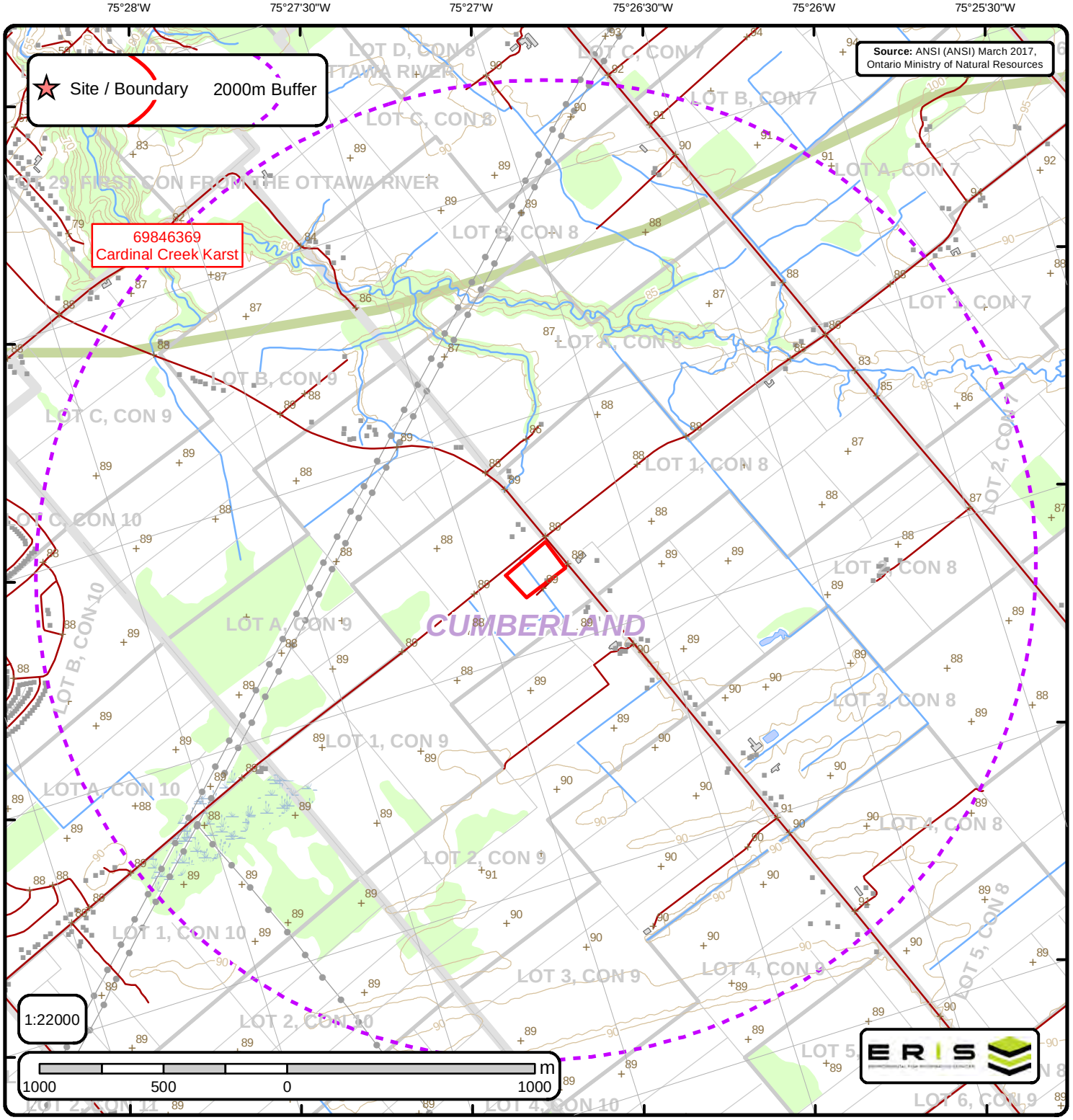
Certificates of Approval ▸ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, hydrogeological reports, etc.

		SD	**Specify Year(s) Requested**
air – *emissions*			
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*			
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*			
waste water - *industrial discharge*			
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*			
waste systems	*- haulers: sewage, non-hazardous & hazardous waste*		
	- mobile waste processing units		
	- PCB destruction		
pesticides - *licenses*			

APPENDIX G

Maps



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

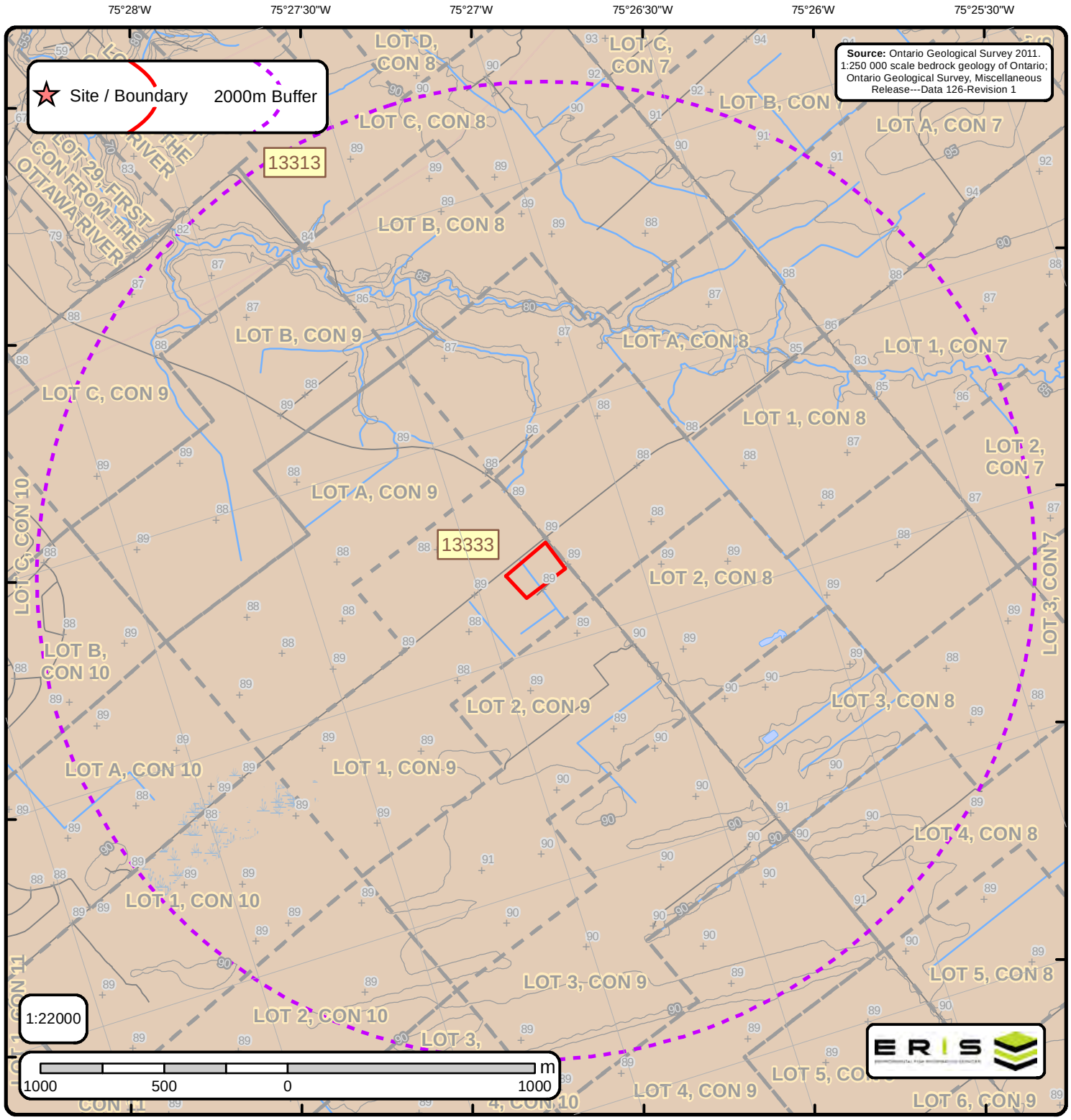
- Spot Height
- Building Point
- Towers
- Utility Site Point
- Misc. Line
- Railroads
- Roads
- Trail
- Transportation Structure
- Utility Line
- Water Structure
- Drainage Line Feature
- River or Stream
- Airports
- Tanks
- Building to Scale
- Contour Line
- Pit or Quarry
- Waterbody
- Wetlands
- Concession
- Lots
- Municipalitiy
- Land Ownership
- Wooded Area
- Conservation Authority
- Conservation Area
- Municipal Park
- Provincial Park
- National Park
- Nature Reserve
- ANSI Area

ANSI Report

ANSI Units Found within 2000 m of
5150 Innes Road Ottawa Ontario

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

Order No. 20190802189

Spot Height
Roads
Contour Lines
Streams
Railroads
Lots
Pit or Quarry
Airports
Waterbody
Wetlands

Bedrock Geology Lines

- CONTACT, GEOPHYSICAL, TREND, INTERPRETED
- CONTACT, SHARP, TREND, INTERPRETED
- CONTACT, SHARP, TREND, OBSERVED
- FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- NEATLINE
- ONTARIO BORDER
- Marble, chert, iron formation, minor metavolcanic rocks

Dikes

- Abitibi mafic dike
- Biscotasing mafic dike
- Empey Lake mafic dike
- Felsic to intermediate intrusive rocks
- Fort Frances mafic dike
- Frontenac mafic dike
- Grenville mafic dike
- Logan and Nipigon mafic sills
- Mackenzie mafic dike
- Mafic dikes of uncertain age
- Mafic sills and dikes
- Marathon mafic dike
- Marathon, Kapuskasing or Biscotasing mafic dike
- Matachewan mafic dike
- Mine Centre mafic dike
- Molson mafic dike
- North Channel mafic dike
- Pickle Crow mafic dike (Molson swarm) normal
- Pickle Crow mafic dike (Molson swarm) reverse
- Rideau mafic dike
- Sudbury mafic dike
- Ultramafic, gabbroic and granophyric intrusions
- Unsubdivided mafic dike
- Unsubdivided mafic dike (Keweenawan age)
- unknown

C Lines

- FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
- FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION

Kimberlite

Bedrock Geology Report

Bedrock Geology units found within 2000 m of

5150 Innes Road Ottawa Ontario

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)                MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)         EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)                 NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)           PALEOZOIC (251.0 Ma to 542.0 Ma)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)   MESOZOIC (65.5 Ma to 251.0 Ma)
```

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

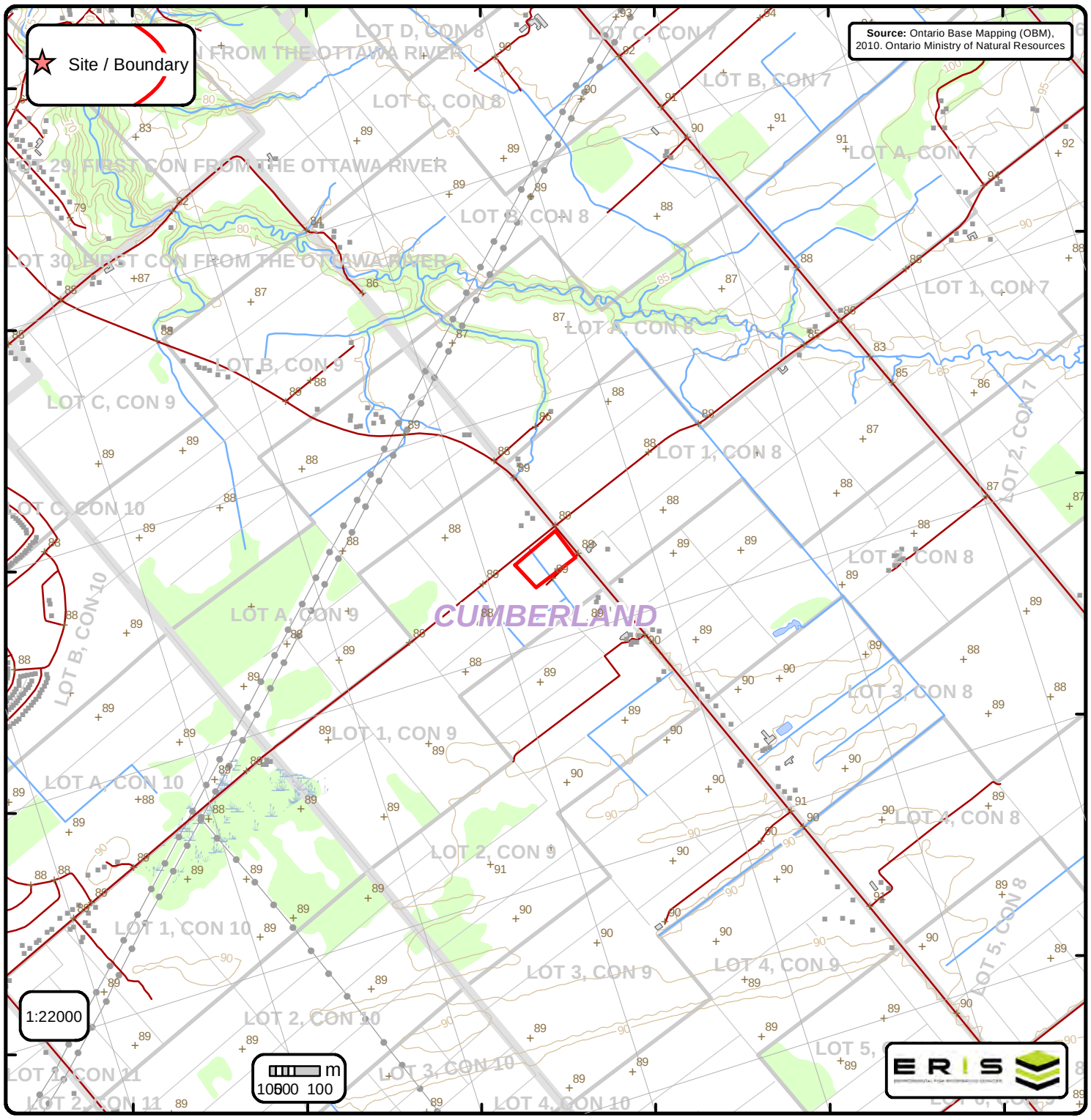
```
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)
```

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

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

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

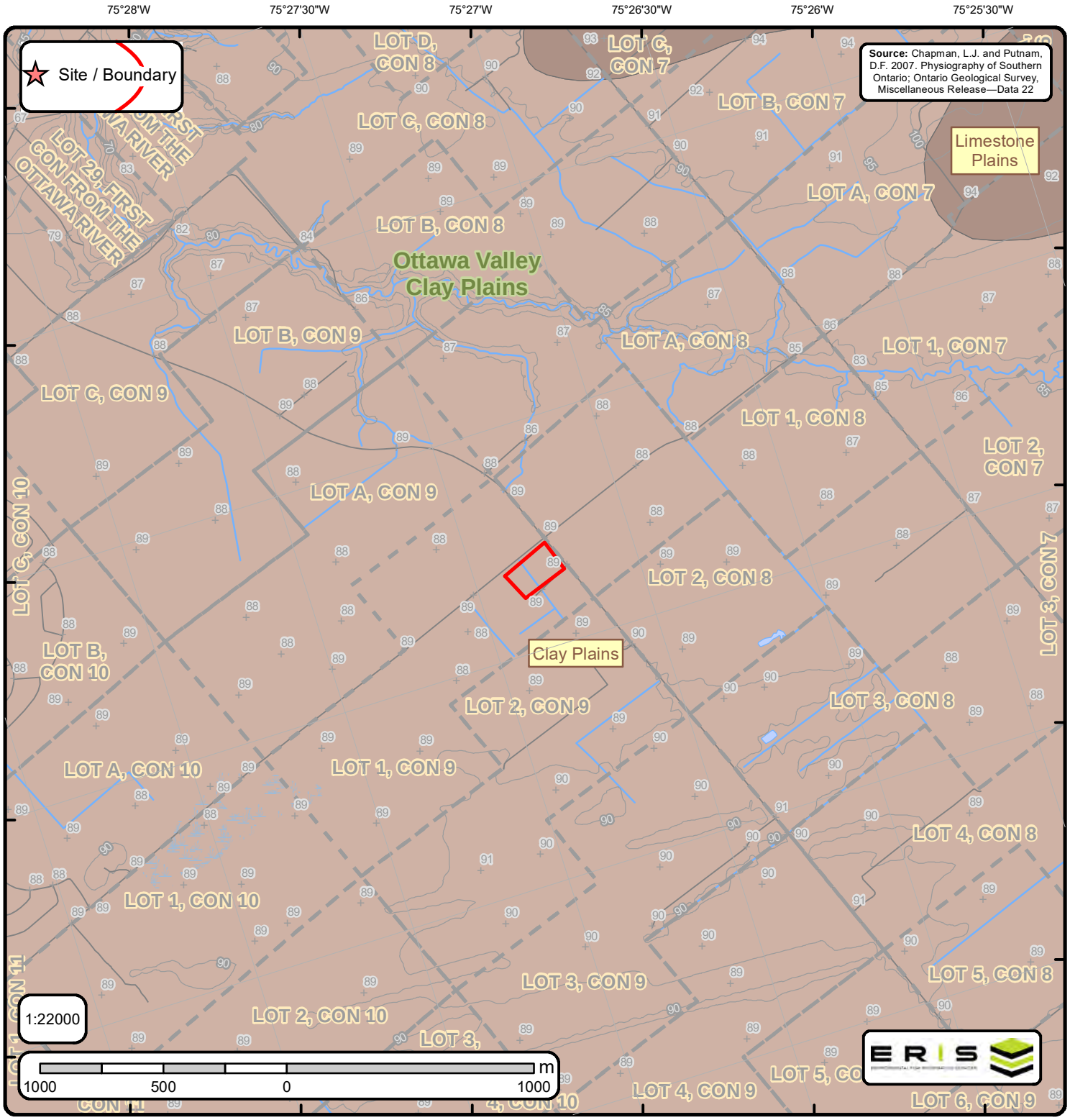
```
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE
```



Ontario Base Mapping (OBM) Data

Order No. 20190802189

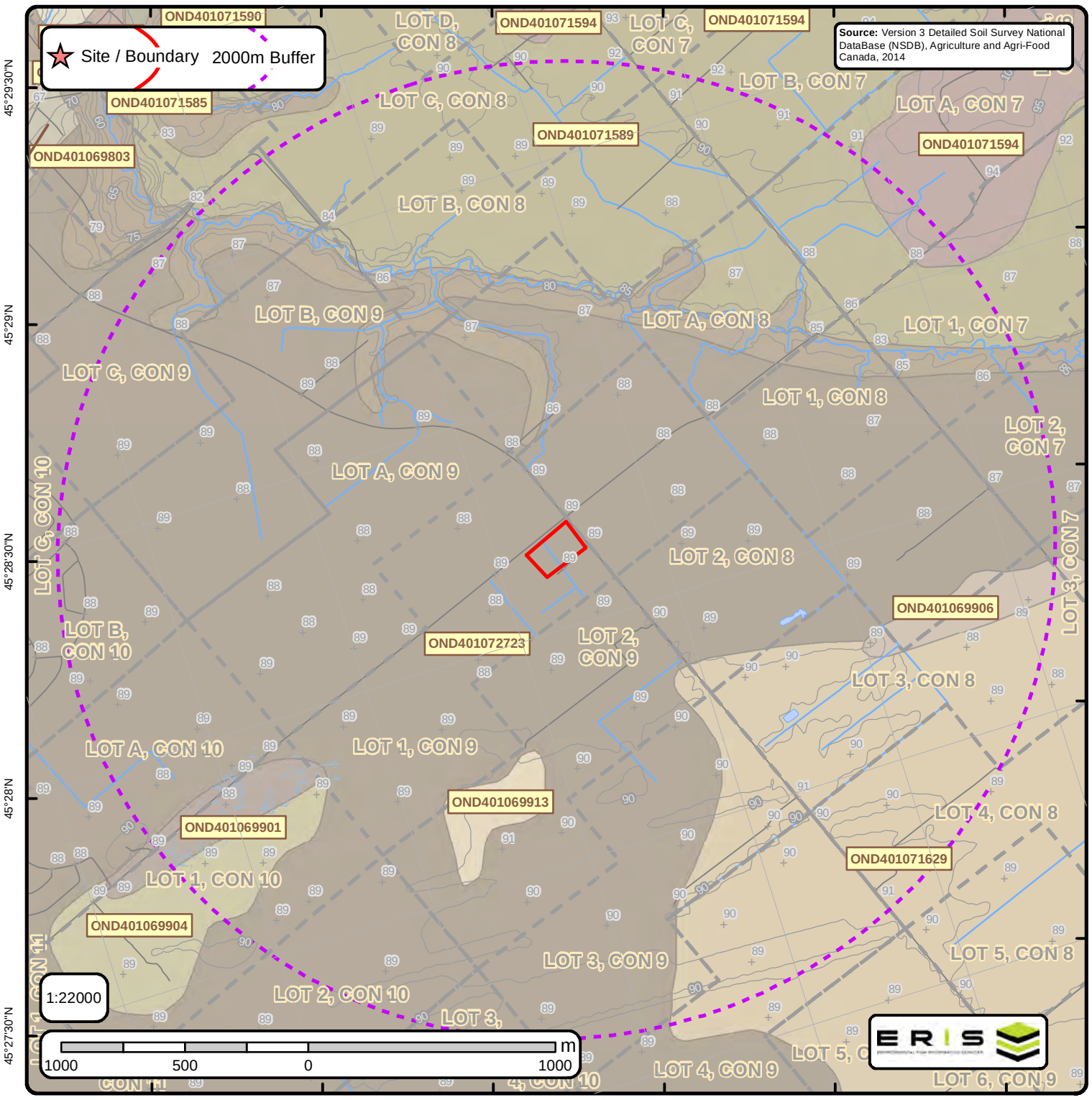
Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	



Physiography of Southern Ontario

Order No. 20190802189

- Spot Height
- Roads
- Railroads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody
- Boulder Pavement
- Dissected Terrain
- Mud Flow Scars
- Sand Dunes
- escarpment
- shorecliff
- shorecliff (weakly developed)
- Physiography Regions
- Bare Rock Ridges And Shallow Till
- Beaches
- Bevelled Till Plains
- Clay Plains
- Drumlins
- Escarpments
- Eskers
- Kame Moraines
- Limestone Plains
- Peat And Muck
- Sand Plains
- Shale Plains
- Shallow Till And Rock Ridges
- Spillways
- Till Moraines
- Till Plains (Drumlinized)
- Till Plains (Undrumlinized)



Detailed Soil Survey (ON Soils)

Order No. 20190802189

- Spot Height
- Railroads
- Roads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody

Soils Report

Soil Map Units Found within 2000 m of
5150 Innes Road Ottawa Ontario

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 |

Soils Report

Soil Map Units Found within 2000 m of
5150 Innes Road Ottawa Ontario

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 |

Soils Report

Soil Map Units Found within 2000 m of
5150 Innes Road Ottawa Ontario

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(%)** : 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: 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 |

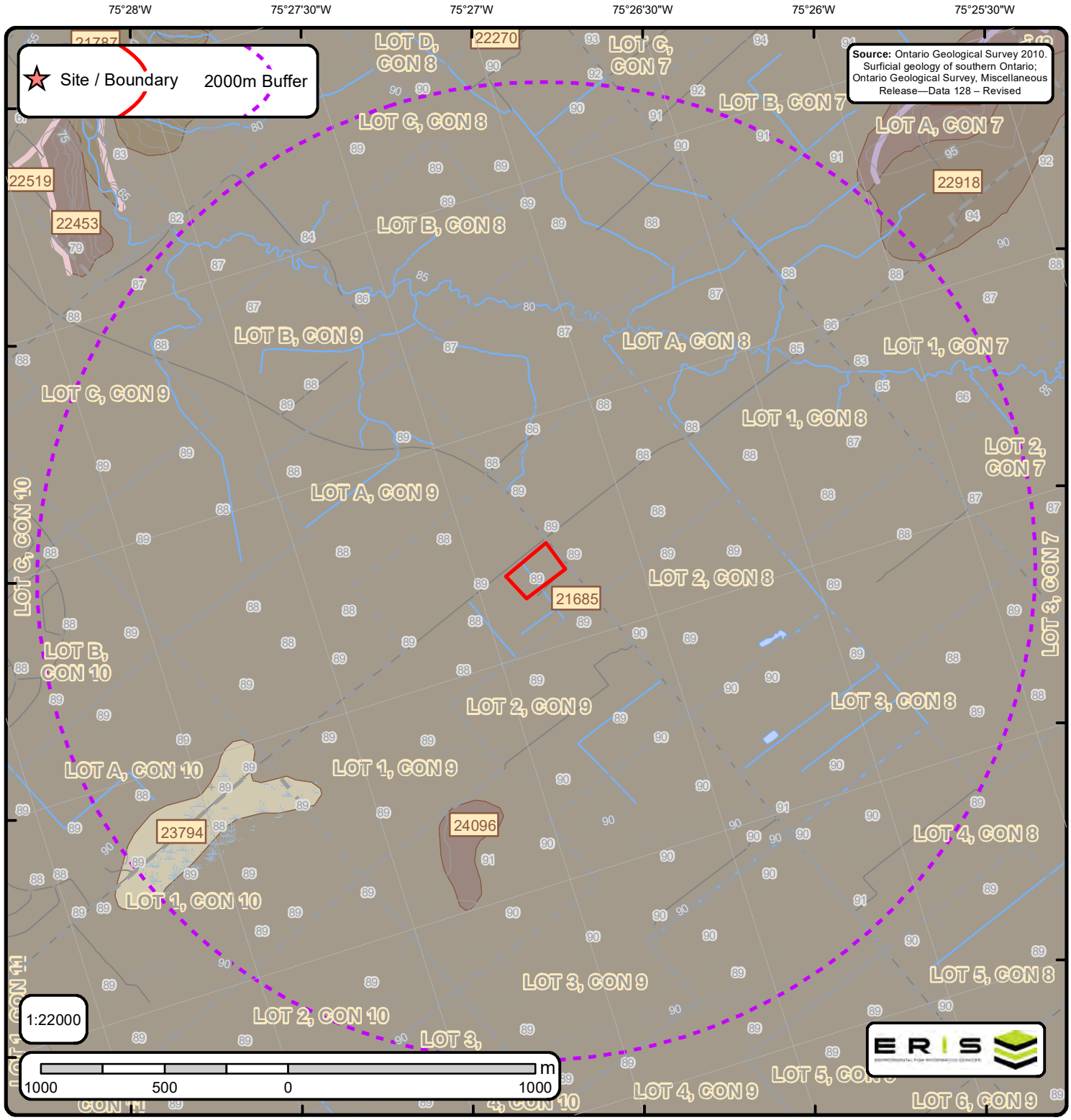
Soil ID: OND401071594
Component No : 2 | **Components(%)** : 30 | **Soil Name ID** : ONGVISH~~~A | **Surface Stoniness Class** : Moderately stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with moderate infiltration rates when 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 |

Soils Report

Soil Map Units Found within 2000 m of
5150 Innes Road Ottawa Ontario

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 | **Total Clay(%)** : -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 |



The Surficial Geology of Southern Ontario

Order No. 20190802189

Spot Height	Streams	Dune	Beach	Esker	karst	pitsg		
Waterbody	Contour Lines	Lake	Bluff	Esker ND	linfeat	popup		
Wetlands	Roads	Rib	Crevasse	Fluvial DL	megarip	ribl		
Airports	Railroads	Scab	Crest	fluvndl	mfluvdl	slidel		
Pit or Quarry	Morains	Slide	End	iceberg	mfluvndl	slumpb		
Lots		NOF Dune	Escarpment	icslope	moraine	terrace		

Surface Geology Report

Surface Geology units found within 2000 m of
5150 Innes Road Ottawa Ontario

Order No.
20190802189

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.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.