



Phase One Environmental Site Assessment

2165 Robertson Road
Ottawa, Ontario

Prepared for:

Huntington Construction & Development

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Ottawa, ON K1Y 3B2

Attn: Mr. Derek Noble

February 21, 2020

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Huntington Construction & Development (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 2165 Robertson Road in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is approximately 2.8 acres in size and consists of vacant undeveloped land used as a gravel parking lot.

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 RSC 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, Property Underwriters' Reports and Property Underwriters' Plans 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, and the Technical Standards and Safety Authority (TSSA) 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 three legal lots situated at the municipal address of 2165 Robertson Road, Ottawa, Ontario, which is currently owned by Huntington Construction & Development. The Phase One Property is located on the north side of Robertson Road. Table 1 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.
1958 to 1965.	Crown.	Agricultural.	Agricultural.	Agricultural fields were observed on the Phase One Property in the 1958 aerial photograph.
1965 to 1991.	Beaver Lumber.	Apparent commercial building and parking lot.	Commercial.	Two former on-site buildings were observed on the south portion of the Phase One Property in the 1965 and 1976 aerial photographs.
1991 to 2004.	Beaver Lumber.	Parking lot and lumber warehouses.	Commercial.	The two former on-site buildings appeared to be demolished and three lumber warehouses were observed on the south and central portions of the Phase One Property in the 1991 and 1999 aerial photographs.
2004 to present.	Huntington Construction & Development	Parking lot.	Commercial.	Vacant land used as a parking lot in the 2004, 2007, 2008, 2012 and 2017 aerial photographs.



To the best of Pinchin's knowledge, the Phase One Property was undeveloped agricultural until the construction of the former on-Site buildings constructed sometime between 1958 and 1965. In summary, the Phase One Property was owned by Beaver Lumber until 2007. The first buildings present on the Phase One Property are assumed to have been constructed between 1958 and 1965, which were used for lumber warehousing and hardware sales. These buildings were present on the Phase One Property until sometime between 1976 and 1991, when they were demolished and three lumber warehouses were constructed on the south and central portions of the Phase One Property, which were eventually demolished in 2008, based on a review of Google Earth™ imagery and the GeoOttawa mapping database.

Based on the findings of this Phase One ESA, Pinchin identified three PCAs at the Phase One Property (i.e., on-Site) and six PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site) as summarized in Table 2. None of the off-Site PCAs are considered to result in areas of potential environmental concern (APECs) at the Phase One Property given their distance from the Phase One Property and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The three on-Site PCAs result in APECs at the Phase One Property. It is Pinchin's opinion that these three PCAs may have caused contamination of soil and groundwater at the Phase One Property and, as such, the identified APECs at the Phase One Property warrant further investigation prior to the submission of an RSC.

All APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted, are summarized in Table 3.

The COPCs associated with each APEC were determined based on several sources of information including, but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and evaluations of contaminant mobility and susceptibility for migration in the subsurface.

Pinchin recommends that a Phase Two ESA, defined as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property", be conducted at the Phase One Property. Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property.



Phase One Environmental Site Assessment

2165 Robertson Road, Ottawa, Ontario
Huntington Construction & Development

February 21, 2020
Pinchin File: 229900

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.

This report has been issued without having received responses from the MECP regarding Pinchin's Freedom of Information request or the TSSA regarding Pinchin's archival search request. Once responses from these regulatory bodies is received, the information will be reviewed by Pinchin and, 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.



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 an 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 (SPA) application with the City of Ottawa.

2.1 Phase One Property Information

The Phase One Property consists of Parts 1, 7, 8 and 9, Concession 2 of Part Lot 9 located at the municipal address of 2165 Robertson Road located in Ottawa, Ontario. The Phase One Property was historically listed at 145 Robertson Road, which includes the property located adjacent to the west elevation of the Phase One Property. The Phase One Property is located on the north side of Robertson Road, approximately 135 metres (m) west of Fitzgerald 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/geottawa/	Concession 2 of Part Lot 9 RP 4R23046; Parts 1, 7, 8 and 9 Geographical Township of Nepean, Ottawa
Municipal Address	http://maps.ottawa.ca/geottawa/ City of Ottawa, Client	2165 Robertson Road Ottawa, ON K2H 5Z2
Parcel Identification Number (PIN)	http://maps.ottawa.ca/geottawa/ City of Ottawa	047090068, 047090072 and 047090070
Current Owner	Client	Huntington Construction & Development
Current Occupant	Client	Myer's Ottawa Nissan (dealership automotive storage)
Client	Authorization to Proceed Form	Huntington Construction & Development
Client Contact Information	Authorization to Proceed Form	Ms. Lisa Westphal Huntington Construction & Development 1306 Wellington Street West, Suite 200 Ottawa, ON K1Y 3B2 lwestphal@huntingtonproperties.ca
Site Area	http://maps.ottawa.ca/geottawa/	1.1 hectares (2.8 acres).
Current Zoning	http://maps.ottawa.ca/geottawa/ City of Ottawa	AM - Arterial Mainstreet Zone Mixed Use Commercial

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, Property Underwriters' Reports (PURs), Property Underwriters' Plans (PUPs), historical environmental assessments relevant to the Phase One Property, available Site operating records, 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 Ministry of the Environment, Conservation and Parks' (MECP's) Freedom of Information and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA) records;

- 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 from September to October 2018, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on October 5, 2018, 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. 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.

To the best of Pinchin's knowledge, no building or structure has been constructed on the Phase One Property to date.

The date of the first developed use of the Phase One Property was determined through a review of city directories, aerial photographs and previous reports. 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 October 4, 2018, 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 reports for properties located within the Phase One Study Area provided by the Client, prepared by Pinchin or obtained from the Client, were reviewed by Pinchin:

- Report entitled "*Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario*", prepared for the Dymon Capital Corporation, by T. Harris Environmental Management Inc. (T. Harris), and dated March 2007 (2007 T. Harris Phase I ESA Report);
- Report entitled "*Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario*", prepared for Erez Capital Fund Inc. by Pinchin, and dated July 2008 (2008 Pinchin Phase I ESA Report);



- Report entitled “*Phase II Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario*”, prepared for Erez Capital Fund Inc. by Pinchin, and dated November 5, 2008 (2008 Pinchin Phase II ESA Report); and
- Report entitled “*Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario*”, prepared for the Client by Pinchin, and dated July 2012 (2012 Pinchin Phase I ESA Report).

Pinchin reviewed the available soil and groundwater sample analytical data provided in the above-referenced reports to assess whether there are any known soil and groundwater impacts at the Phase One Property or on properties within the Phase One Study Area.

Given the available information on the characteristics of the Phase One Property and its future land use (i.e., commercial), the applicable Site Condition Standards, as defined by the MECP in the document “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*”, and dated April 15, 2011, are:

- *Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Groundwater Condition (Table 3 Standards)* for commercial property use (i.e., the existing and future use of the Phase One Property) and coarse-textured soils.

As such, the analytical data provided in the previous reports were compared with the *Table 3 Standards* to assess whether there are any known areas on the Phase One Property or in the Phase One Study Area where soil or groundwater have parameter concentrations exceeding the *Table 3 Standards*.

A summary of the salient information identified in the reports is provided below.

2007 T. Harris Phase I ESA Report

The 2007 T. Harris Phase I ESA Report completed in general accordance with the CSA document entitled “*Phase I Environmental Site Assessment*” (CSA Document Z768-01), dated November 2001 (reaffirmed 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a property reconnaissance, interviews, an evaluation of information and reporting. Based on Pinchin’s review of the 2007 T. Harris Phase I ESA Report, the following salient information was noted:

- The Phase I ESA was completed for the property located adjacent to the west elevation of the Phase One Property;
- At the time of the Site reconnaissance, the property was used as a commercial office building occupied by Sitel, whose operations consisted of a call centre;



- The property was originally developed with the existing building on the property in the 1950's;
- The property was occupied by Beaver Lumber from 1991 until 1994 when the property was unoccupied until 1999. Subsequent tenants included Companions of the Cross in the early 2000's until Sitel in 2008;
- The present-day building on the property was converted into the existing commercial use in 2000; and
- The surrounding areas were historically developed with railway lines, vacant land and commercial land uses, including a hydro corridor, Canadian Tire, Hyundai West, Speedy Muffler Shop, Hooters Restaurant, Day's Inn, Living Lighting, Viceroy Model Homes, Tony Graham Nissan, Collision Centre, Tool & Equipment Store, Ottawa Fastener Supply, Chevrolet West, and VW Citiwest.

T. Harris did not identify anything that could result in subsurface impacts at the subject property or the Phase One Property and did not recommend additional environmental investigation.

2008 Pinchin Phase I ESA Report

The 2008 Pinchin Phase I ESA Report completed in general accordance with the CSA document entitled "*Phase I Environmental Site Assessment*" (CSA Document Z768-01), dated November 2001 (reaffirmed 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a property reconnaissance, interviews, an evaluation of information and reporting. Based on a review of the 2008 Pinchin Phase I ESA Report, the following salient information was noted:

- The Phase I ESA was completed for the property located adjacent to the west elevation of the Phase One Property;
- At the time of the Site reconnaissance, the property was used as a commercial office building occupied by Resolve (formerly Sitel), whose operations consisted of a call-centre;
- The property was originally developed with the existing building on the property in the 1950's;
- The property was occupied by Beaver Lumber from the late 1980's until 1994 when the property was unoccupied until 1999. Subsequent tenants included Companions of the Cross in the early 2000's followed by Sitel until 2008. Based on a review of a PUP, a private fuel outlet (PFO) equipped with one 6,810 litre (L) diesel underground storage tank (UST) and two 2,270 L gasoline USTs were formerly located on the property. In addition, a review of the TSSA request for information indicated that on April 11, 1989, a



leaking 5,000 gallon gasoline UST was encountered at this property. Documents provided by the TSSA indicated that the abandoned gasoline UST and approximately 3,800 tonnes of contaminated soil were removed from the property; however, no information regarding the dates of this remediation and verification soil sampling data was provided to Pinchin and no groundwater sampling was completed;

- The present-day building on the property was converted into the existing commercial use in 2000; and
- The surrounding areas were historically developed with vacant land and commercial land uses, including Viceroy Homes, Living Lighting, Active Green and Ross, Hyundai, Brady's Pool and Spa, a hydro corridor multi-tenant office buildings, Collision Centre, Ottawa Building Supplies, and additional commercial buildings.

Pinchin indicated that the historical operation of a PFO with USTs, as well as the previously identified impacted soil at this property, could have resulted in subsurface impacts at the property and recommended a Phase II ESA.

2008 Pinchin Phase II ESA Report

The Pinchin Phase II ESA was completed to investigate the soil and groundwater conditions at the former PFO with USTs located on the property located adjacent to the west elevation of the Phase One Property identified in the 2008 Pinchin Phase I ESA Report.

Pinchin drilled four boreholes to a maximum depth of 4.9 m below ground surface (mbgs), with two of the boreholes completed as groundwater monitoring wells. Soil stratigraphy at the borehole locations generally consisted of sandy gravel fill underlain by silty sandy clay. Saturated soil conditions ranged from approximately 3.1 mbgs to 4.0 mbgs.

Criteria used for the evaluation of soil and groundwater laboratory analysis results were the standards outlined by the MECP in the document "*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*", and dated March 9, 2004 for commercial property use in a non-potable groundwater condition and coarse-textured soil (*2004 Table 3 Standards*).

Four soil samples were submitted for laboratory analysis of petroleum hydrocarbons (PHCs) in fraction F1 to F4 (F1-F4), benzene, toluene, ethylbenzene and xylenes (BTEX) and/or metals and met the *2004 Table 3 Standards*.

Two groundwater samples were submitted for laboratory analysis of PHCs (F1-F4), BTEX and metals and met the *2004 Table 3 Standards*.

Pinchin did not recommend additional environmental investigation at the Site.



Pinchin reviewed the analytical data presented in the 2008 Pinchin II ESA Report, and compared the data to the *Table 3 Standards*. The reported concentrations for parameters in soil and groundwater were below the *Table 3 Standards*.

2012 Pinchin Phase I ESA Report

The 2012 Pinchin Phase I ESA Report completed in general accordance with the CSA document entitled “*Phase I Environmental Site Assessment*” (CSA Document Z768-01), dated November 2001 (reaffirmed 2016), including a review of readily available historical records and reasonably ascertainable regulatory information, a property reconnaissance, interviews, an evaluation of information and reporting.

Pinchin reviewed the 2008 Pinchin Phase II ESA Report which investigated the above-noted information identified in the 2008 Pinchin Phase I ESA Report.

According to the 2008 Pinchin Phase II ESA Report, fill, generally consisting of sand and gravel, was encountered at depths up to 1.5 mbgs in each of the borehole locations advanced by Pinchin at the property located adjacent to the west elevation of the Phase One Property. As such, Pinchin has concluded that fill material may be present across the south-central portion of the Phase One Property. As noted in Section 4.1.4, samples of fill material collected at Pinchin BH1 met the *Table 3 Standards* for all parameters analyzed; however, this does not represent soil conditions on-Site.

It is Pinchin’s opinion that this on-Site fill material may have impacted soil quality at the Phase One Property and, as such, result in an APEC at the Phase One Property that warrants further investigation.

4.1.4.1 Previous Environmental Report Summary

Based on Pinchin’s review of the above-referenced previous environmental reports, the following PCAs were identified within the Phase One Study Area that are considered to result in APECs at the Phase One Property:

- Fill material may be present across the south-central portion of the Phase One Property. As noted in Section 4.1.4, samples of fill material collected at Pinchin BH1 met the *Table 3 Standards* for all parameters analyzed; however, this does not represent soil conditions on-Site.

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 – EcoLog ERIS

Pinchin retained EcoLog Environmental Risk Information Service Ltd. (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. A copy of the EcoLog 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

EcoLog 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 EcoLog ERIS report for NPRI information and found no records regarding the Phase One Property. One record was identified for a property located within the Phase One Study Area; however, this property is located approximately 195 m east-southeast of the Phase One Property and the record does not pertain to releases to soil and water. As such, it is Pinchin's opinion that the potential for the documented releases to be an environmental concern for the Phase One Property is considered low.

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.

EcoLog 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.

EcoLog 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

EcoLog 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 EcoLog ERIS search of the C-of-A database identified three Cs-of-A for the Phase One Property and five 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

EcoLog 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 EcoLog ERIS report in Appendix E.

The EcoLog ERIS search of the ECA database identified two ECAs for the Phase One Property and three 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 EcoLog ERIS search of the PTTW database identified no information regarding PTTWs for the Phase One Study Area.

The EcoLog ERIS search of the CPU database identified no information regarding CPUs for the Phase One Study Area.

4.2.1.6 Inventory of Coal Gasification Plants

EcoLog 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 EcoLog 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

EcoLog 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 EcoLog ERIS report in Appendix E.

The EcoLog 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;
- No records were found of environmental incidents, orders, offences or spills for other properties within the Phase One Study Area, except for the following:
 - A total of nine spill records were identified for other properties located within the Phase One Study Area. The majority of the recorded spills were minor in nature and/or were to the paved roadway and storm sewer system or to paved parking areas. In addition, the EcoLog ERIS report indicated that an environmental impact was not anticipated as a result of the spills located within 60 m of the Phase One Property. 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

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

- Beaver Lumber Co. Ltd., had been registered as a generator of paint/pigment/coating residues from 1997 until 2001. Based on a review of Pinchin's in-house MECP Waste Generator database, approximately 815 kilograms of paints/pigments/coating residues were generated at this property in 1998. Based on the limited quantity of hazardous wastes generated at the Phase One Property, the nature of former on-Site operations (i.e., hardware store and equipment rental supplier) and the results of previous subsurface environmental work completed at 145 Robertson Road (refer to Section 4.1.4), it is Pinchin's opinion that the potential for the historical generation of hazardous wastes to be an environmental concern for the Phase One Property is considered low.

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

- Blackwood Hodge, a former equipment rental supplier located at 150 Robertson Road, had been registered as a generator of hazardous wastes; however, no wastes were listed and a review of Pinchin's in-house MECP Waste Generator database did not identify any wastes generated at this property. Based on the lack of hazardous wastes generated at this property, it is Pinchin's opinion that the potential for the historical generation of hazardous wastes to be an environmental concern for the Phase One Property is considered low.

A total of 48 other properties located within the Phase One Study Area were listed within the database search results as waste generators. Based on their location and distance relative to the Phase One Property (i.e., greater than 150 m and situated hydraulically transgradient in relation to the inferred groundwater flow direction from the Phase One Property), and the types and relatively small quantities of hazardous wastes generated at these properties, it is Pinchin's opinion that hazardous waste generation at these properties is not considered an environmental concern for the Phase One Property.

Waste Receivers

EcoLog 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 EcoLog 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

EcoLog 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 EcoLog ERIS report in Appendix E.

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

The EcoLog ERIS search of the chemical or fuel storage tank databases identified fuel storage records at the property located at 2135 Robertson Road (formerly 85 Robertson Road) within the Phase One Study Area. This property was listed in the Retail Fuel Storage Tanks and Historic Fuel Storage Tanks databases as a retail fuel outlet (RFO), which had four 22,700 L capacity gasoline USTs. This property is located approximately 150 m east of the Phase One Property. As such, Pinchin considers that the likelihood of potential impacts to the Phase One Property due to storage tanks on this property is low and not an environmental concern for the Phase One Property.

4.2.1.10 Notices and Instruments

EcoLog 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. EcoLog ERIS also searched the Record of Site Condition (RSC) database for filed RSCs.

The EcoLog 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;

- No records were found in the Environmental Registry and RSC database for other properties within the Phase One Study Area, except for the following:
 - One database search result, consisting of one Environmental Registry record, was identified within the Phase One Study Area. This property is located adjacent to the northeast elevation of the Phase One Property. Based on a review of the record, the property received approval for discharge into the natural environment other than water (i.e., air). The nature of the discharge (i.e., atmospheric) is not related to potential impacts on groundwater quality, which is considered the primary pathway of concern for contaminant migration to the Phase One Property. As such, there is a low potential for the Environmental Registry and RSC database search results to be indicative of discharges to the environment that represent an environmental concern to the Phase One Property and the likelihood of potential impacts to the Phase One Property is considered low.

4.2.1.11 Areas of Natural Significance

EcoLog 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 EcoLog ERIS report in Appendix E did not identify any areas of natural significance within the Phase One Study Area.

4.2.1.12 Landfill Information

EcoLog 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 EcoLog ERIS report in Appendix E.

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

4.2.1.13 Other EcoLog ERIS Databases

The EcoLog ERIS database search of the List of TSSA Expired Facilities (EXP) and Private and Retail Fuel Storage Tanks (PRT) databases identified the following additional information for the Phase One Study Area:

- The PRT and EXP databases indicated that Canadian Tire Corp Ltd. operated an RFO and also was registered with two expired propane tanks at the property located at 85 Robertson Road. This property is located approximately 150 m east of the Phase One



Property. As such, Pinchin considers that the likelihood of potential impacts to the Phase One Property due to storage tanks on this property is low and not an environmental concern for the Phase One Property.

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 October 2, 2018. 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 request is provided in Appendix F.

4.2.3 *Technical Standards and Safety Authority Search*

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*; *Ontario Regulation 213/01 – Fuel Oil*; *Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as aboveground storage tanks (ASTs) and USTs be registered with the TSSA.

Pinchin contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property and property adjacent to the Phase One Property (i.e., 145 Robertson Road), and to determine whether any records of regulatory non-compliance exist. A letter response was issued by the TSSA on October 30, 2018 indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property or the off-Site properties listed above, with the exception of the following:

- One abandoned 5,000 gal UST was discovered at the property located adjacent to the west elevation of the Phase One Property and soil contamination was identified. The UST was reportedly removed and subsequent subsurface investigations were completed at this property (refer to Section 4.1.4). Based on the results of the previous subsurface investigations at this property, no soil or groundwater impacts were identified and as



such, it is Pinchin’s opinion that this historical off-Site UST is unlikely to result in potential subsurface impacts at the Phase One Property.

A copy of the TSSA response is provided in Appendix I.

A copy of the TSSA request is provided in Appendix G.

4.2.4 Property Underwriters’ Reports and Plans

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 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 FIPs related to the Site and surrounding area, as well as PUPs and PURs related to the Site. Opta provided a written response dated October 4, 2018, indicating there were no records on-file for the Site. A copy of Opta’s response is provided in Appendix D.

4.2.5 City Directories

City directories for the years 1983 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 current municipal address of the Site. In addition, it should be noted that no city directories were available for the Site and area surrounding area prior to 1983 and subsequent to 2011. A summary of information obtained with respect to the Phase One Property is provided in the following table:

Year(s)	Occupant Listings for Site Address
1983 – 2011.	145 Robertson Road: Site not listed. 2165 Robertson Road: Site not listed.

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:

- RFOs and automotive repair facilities were listed within the city directories reviewed for the Phase One Study Area. However, based on the distance of these facilities to the Phase One Property and the inferred groundwater flow direction, it is Pinchin’s opinion that these historical facilities are do not represent APECs in relation to 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 1958, 1965, 1976, 1991 and 1999 were obtained from the GeoOttawa mapping website and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ Satellite Imagery dated 2004, 2007, 2008, 2012 and 2017. The 1958 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
1958.	The Phase One Property consisted of agricultural land. A hydro-corridor transected the central portion of the Site.
1965.	Two buildings were visible on the south portion of Phase One Property and continue onto the property located adjacent to the west elevation of the Phase One property. A railway line was present on the north portion of the Phase One Property. A hydro-corridor transected the central portion of the Site.
1976.	Similar to 1965; however, the railway line appeared to be demolished and lumber storage was present on the north portion of the Phase One Property.
1991 - 2007.	The buildings appeared to be demolished and a parking lot was present on the south portion of the Phase One Property. Three warehouses appeared to be constructed on the central portion of the Phase One Property. Lumber storage was present on the north portion of the Phase One Property. A hydro-corridor transected the central portion of the Site.
2008 – 2017.	The three warehouses on the central portion of the Site appeared to be demolished and the Phase One Property appeared to consist of vacant gravel parking areas. A hydro-corridor transected the central portion of the Site.

A railway line was present on the north portion of the Phase One Property in 1965. Subsurface impacts have been known to arise from railway ties which are typically coated with chromated copper arsenate (CCA) or creosote composed of a number of compounds including polycyclic aromatic hydrocarbons. Based on the above-noted information, it is Pinchin’s opinion that this former on-Site railway spur line has the potential to result in subsurface impacts at the Site.

Lumber appeared to be stored on the north portion of the Phase One Property from 1976 until 2007. Based on the presence of the storage of lumber, it is Pinchin’s opinion that this could result in potential subsurface impacts at the Phase One Property.

A hydro-corridor transected the central portion of the Site since 1958. No towers, transformers or visual oil storage were observed on the Phase One Property. As such, it is Pinchin’s opinion that this hydro-corridor is unlikely to result in potential subsurface impacts at the Phase One Property.

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
1958.	A railway line followed by vacant agricultural land, Stillwater Creek and additional agricultural land.	A hydro-corridor, vacant agricultural land and a single-family residential dwelling followed by a road similar in shape and orientation to present-day Moodie Drive.	A road similar in shape and orientation to present-day Robertson Road followed by vacant agricultural land.	A hydro-corridor, vacant agricultural land, a single-family residential dwelling and a railway line followed by agricultural land and Stillwater Creek.
1965.	Similar to 1958.	Similar to 1958; however, an apparent commercial building appeared to be constructed approximately 100 m east of the Phase One Property.	Similar to 1958; however, an apparent commercial building appeared to be constructed southeast of the Phase One Property on the south side of the road similar in shape and orientation to present-day Robertson Road.	A hydro-corridor, and the two buildings constructed on the Phase One Property appeared to extend onto the property located adjacent to the west elevation of the Phase One Property, followed by storage buildings and a wood storage yard.
1976.	Similar to 1965.	Similar to 1965; however, a road similar in shape and configuration to present-day Fitzgerald Road appeared to be constructed, followed by a school bus parking lot and two apparent commercial buildings appeared to be constructed approximately 260 m east of the Phase One Property.	A road similar in shape and orientation to present-day Robertson Road and three apparent commercial buildings including one automotive dealership followed by single family residential dwellings, a road similar in shape and orientation to present-day Oberon Street and additional single family residential dwellings.	Similar to 1965, except the storage buildings appeared to be relocated in a north-south orientation and additional wood storage was apparent approximately 75 m west of the Phase One Property.



Year of Photograph	North	East	South	West
1991.	Similar to 1976; however, the railway line appeared to be demolished and replaced with a trail, similar to the current configuration.	Similar to 1976; however, two commercial buildings and an RFO with UST nest appeared to be constructed approximately 220 m east of the Phase One Property.	Similar to 1976, except two additional apparent commercial buildings appeared to have been constructed to the southwest of the Phase One Property on the south side of the road similar in shape and orientation to present-day Robertson Road, similar to the current configuration.	A hydro-corridor followed by the two apparent commercial buildings that extended from the Phase One Property appeared to be demolished and an apparent commercial building (e.g., automotive dealership) appeared to be constructed, similar in size and location to the present-day commercial building located at 2175 Robertson Road. The storage buildings appeared to be demolished and replaced with vacant land followed by two apparent commercial buildings including one automotive repair facility which appeared to be constructed in the wood storage yard. The railway line appeared to be demolished and replaced with a trail.



Year of Photograph	North	East	South	West
1999.	Similar to 1991.	Similar to 1991, except an apparent commercial building with associated parking appeared to be constructed adjacent to the northeast elevation of the Phase One Property. Areas of land disturbance were apparent adjacent to the southeast elevation of the Phase One Property.	Similar to 1991.	Similar to 1991.
2004.	Similar to 1999.	Similar to 1999, except an apparent commercial building with associated parking appeared to be constructed approximately 100 m east of the Phase One Property.	Similar to 1999.	Similar to 1999.
2007.	Similar to 2004.	Similar to 2004, except the foundation of a building similar in size and location to the present-day building located at 2155 Robertson Road was present located adjacent to the southeast elevation of the Phase One Property.	Similar to 2004.	Similar to 2004.



Year of Photograph	North	East	South	West
2008 – 2017.	Similar to 2007.	Similar to 2004, except the building similar in size and location to the present-day building located at 2155 Robertson Road appeared to be constructed.	Similar to 2007.	Similar to 2007.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed between 1958 and 1965.

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

- A hydro-corridor which transects the central portion of the Phase One Property is located adjacent to the east and west elevations of the Phase One Property. No towers, transformers or visual oil storage were observed on the Phase One Property. As such, it is Pinchin’s opinion that this hydro-corridor is unlikely to result in potential subsurface impacts at the Phase One Property;
- An automotive dealership and repair facility has been located approximately 100 m west of the Phase One Property since at least 1991. Based on the distance between this property and the Phase One Property, it is Pinchin’s opinion that this automotive dealership and repair facility is unlikely to result in subsurface impacts at the Phase One Property;
- An automotive repair facility has been located approximately 180 m west of the Phase One Property since at least 1991. Based on the distance between this property and the Phase One Property, it is Pinchin’s opinion that this automotive repair facility is unlikely to result in subsurface impacts at the Phase One Property;
- An automotive dealership and repair facility has been located approximately 30 m south of the Phase One Property since at least 1976. Based on the distance between this property and the Phase One Property, it is Pinchin’s opinion that this automotive dealership and repair facility is unlikely to result in subsurface impacts at the Phase One Property;
- An RFO with USTs has been located approximately 220 m east of the Phase One Property since at least 1976. Based on the distance between this property and the Phase

One Property, it is Pinchin's opinion that this RFO is unlikely to result in subsurface impacts at the Phase One Property; and

- A former railway line was located approximately 5 m north of the Phase One Property since at least 1958. Creosote or chromated copper arsenate used to treat railway ties has the potential to impact soils in the vicinity of the railway lines; however, these impacts are typically minor, localized, and near the surface. Based on the above-noted information, it is Pinchin's opinion that this railway line is unlikely to result in potential subsurface impacts at the Site.

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 94 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 the flow direction of Stillwater Creek, the unconfined groundwater beneath the Phase One Property is expected to flow in a northwesterly direction. Stillwater Creek runs in a northeast-southwest direction within the Phase One Study Area. No additional water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area. The nearest major water body is the Ottawa River, located approximately 3.5 km north of the Phase One Property at an elevation of approximately 63 mamsl.

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

4.3.3 *Fill Materials*

Based on observations during the Site reconnaissance, regrading and minor fill placement at the Phase One Property may have occurred between 1958 and 1965 to construct the former on-site buildings, parking lot, prepare parking and access, and to establish drainage patterns. In addition, fill placement at the Phase One Property may have occurred in 2008 to construct the parking lot after the former on-site buildings were demolished. No areas with disturbed soil or buried debris were noted during the Site reconnaissance.



According to the 2008 Pinchin Phase II ESA Report, fill, generally consisting of sand and gravel, was encountered at depths up to 1.5 mbgs in each of the borehole locations advanced by Pinchin at the property located adjacent to the west elevation of the Phase One Property. As such, Pinchin has concluded that fill material may be present across the south-central portion of the Phase One Property. As noted in Section 4.1.4, samples of fill material collected at Pinchin BH1 met the *Table 3 Standards* for all parameters analyzed; however, this does not represent soil conditions on the Phase One Property

It is Pinchin’s opinion that this on-Site fill material may have impacted soil quality at the Phase One Property and, as such, result in an APEC at the Phase One Property that warrants further investigation.

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, with the following exception:

- Stillwater Creek is located approximately 130 m northwest of the Phase One Property.

A review of the Area of Natural & Scientific Interest map prepared by EcoLog ERIS (see Appendix E) 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 EcoLog ERIS did not identify any water well records for the Phase One Property and 13 water well records within the Phase One Study Area. A summary of pertinent information obtained with respect to the wells is provided in the following table:

MECP Well ID (EcoLog ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
1503994 (WWIS-1)	Approximately 10 m southeast of the Phase One Property	Clay (0-8.8 mbgs) Sandstone (8.8-14.9 mbgs)	14.9 mbgs	Not indicated
7116040 (WWIS-2)	Approximately 15 m southwest of the Phase One Property	Fill (0-1.5 mbgs) Gray silt and sand (1.5-2.4 mbgs) Gray silt (2.4-4.9 mbgs)	Not encountered (>4.9 mbgs)	2.4 mbgs



MECP Well ID (EcoLog ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
1506364 (WWIS-3)	Approximately 65 m southeast of the Phase One Property	Blue clay (0-4.5 mbgs) Sandstone (4.5-40.5 mbgs)	4.5 mbgs	Not indicated
1506366 (WWIS-4)	Approximately 75 m southeast of the Phase One Property	Clay (0-6.1 mbgs) Limestone (6.1-32.0 mbgs)	6.1 mbgs	Not indicated
1503996 (WWIS-5)	Approximately 130 m northeast of the Phase One Property	Blue clay (0-15.5 mbgs) Sandstone (15.5-25.9 mbgs)	15.5 mbgs	Not indicated
1506367 (WWIS-6)	Approximately 140 m southeast of the Phase One Property	Clay (0-5.5 mbgs) Sandstone (5.5-33.5 mbgs)	5.5 mbgs	Not indicated
1506359 (WWIS-7)	Approximately 165 m southwest of the Phase One Property	Clay (0-6.1 mbgs) Sandstone (6.1-16.8 mbgs)	6.1 mbgs	Not indicated
7165299 (WWIS-8)	Approximately 171 m southeast of the Phase One Property	Not indicated	Not indicated	Not indicated
1503992 (WWIS-9)	Approximately 195 m southwest of the Phase One Property	Clay and topsoil (0-8.5 mbgs) Sandstone (8.5-13.7 mbgs)	8.5 mbgs	Not indicated
1515898 (WWIS-10)	Approximately 250 m east of the Phase One Property	Fill (0-0.7 mbgs) Gray clay (0.7-4.5 mbgs) Blue clay (4.5-10.9 mbgs) Blue clay with gravel and some boulders (10.9-11.8 mbgs) Sandstone (11.8-41.1 mbgs)	11.8 mbgs	Not indicated

MECP Well ID (EcoLog ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
1506362 (WWIS-11)	Approximately 271 m southwest of the Phase One Property	Silt (0-2.7 mbgs) Sandstone (2.7-37.8 mbgs)	2.7 mbgs	Not indicated
7101557 (WWIS-12)	Approximately 275 m northeast of the Phase One Property	Fill (0-1.3 mbgs) Brown clay and silt (1.3-2.5 mbgs)	Not indicated	2.0 mbgs
1503995 (WWIS-13)	Approximately 290 m northeast of the Phase One Property	Sand (0-7.6 mbgs) Sandstone (7.6-60.4 mbgs)	7.6 mbgs	Not indicated

The EcoLog ERIS report search results indicated that most of the wells identified within the Phase One Study Area were installed for shallow overburden monitoring and that the margin of error associated with the UTM coordinates is reported to be 10 to 30 m.

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

4.4 Site Operating Records

There are no current land uses or records of historical land use that would classify the Phase One Property as 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. Lisa Westphal	Current owner representative of Phase One Property	October 5, 2018 (Phase One Property)	In-person interview during Site reconnaissance.

Ms. Westphal was chosen to be interviewed given that she is an owner representative the Phase One Property since 2013 and is familiar with the recent operational history of the Phase One Property. Ms. Westphal is referred to herein as the “Site Representative”, and accompanied the Pinchin representative (Mr. Kurt Frommann) during the Site reconnaissance.

Pinchin compared the information obtained from the interview with information obtained from the historical records. The information provided by the interviewee was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individual 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 October 4, 2018, by a Pinchin representative (i.e., Mr. Kurt Frommann), under the direct supervision of Pinchin’s QP overseeing this project. Mr. Frommann is a Project Manager with more than 7 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 11:00 AM and 1:00 PM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately 15° Celsius. 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. At the time of the Site reconnaissance, the Phase One Property was a vacant parcel of land used as a gravel parking lot associated with the adjacent property located west of the Phase One Property.



Photographs taken during the Site reconnaissance that illustrate the 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

There were no buildings or structures present on the Phase One Property at the time of the Site reconnaissance.

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

The Phase One Property is currently not serviced by a municipal water supply.

6.2.5 Description and Location of Underground Utilities

The Phase One Property has remained undeveloped and there are no known underground utilities.

6.2.6 Entry and Exit Points

The Phase One Property is presently a vacant gravel parking lot and as such, has no entry/exit points at this time.

6.2.7 Details of Heating System

The Phase One Property is presently a vacant gravel parking lot and as such, no heating systems are present on-Site.

6.2.8 Details of Cooling System

The Phase One Property is presently a vacant gravel parking lot and as such, no cooling systems are present on-Site.

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.

6.2.11 Details of Staining and Corrosion

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

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. No water supply or groundwater monitoring wells were reported by the Site Representative to have been on-Site, prior to, or during their occupancy.

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.

6.2.14 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Vegetated areas are located along the north and south elevations of the Phase One Property. The remainder of the Phase One Property exterior consists of an asphalt-paved access routes and parking areas.

6.2.15 Details of Current or Former Railways

Railway lines were not observed on the Phase One Property at the time of the Site reconnaissance; however, one former railway line is known to have been located within the north portion of the Phase One Property that was constructed after 1958 and removed prior to 1976. Based on the historical presence of a railway line on-Site, it is Pinchin's opinion that this historical railway line could result in potential subsurface impacts at 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.

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 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 occurred between 1958 and 1965 to construct the former on-site buildings, parking lot, prepare parking and access, and to establish drainage patterns. In addition, fill placement at the Phase One Property may have occurred in 2008 to construct the parking lot after the former on-site buildings were demolished. No areas with disturbed soil or buried debris were noted during the Site reconnaissance.

According to the 2008 Pinchin Phase II ESA Report, fill, generally consisting of sand and gravel, was encountered at depths up to 1.5 mbgs in each of the borehole locations advanced by Pinchin at the property located adjacent to the west elevation of the Phase One Property. As such, Pinchin has concluded that fill material may be present across the south-central portion of the Phase One Property. The quality of the fill material used on-Site is unknown, but may contain elevated concentrations of contaminants of environmental concern, in particular metals and polycyclic aromatic hydrocarbons. As noted in Section 4.1.4, samples of fill material collected at Pinchin BH1 met the *Table 3 Standards* for all parameters analyzed; however, this is not representative of soil conditions on the Phase One Property.

It is Pinchin's opinion that this on-Site fill material may have impacted soil quality at the Phase One Property and, as such, result in an APEC at the Phase One Property that warrants further investigation.

6.2.19 Potentially Contaminating Activities

The PCAs observed on the Phase One Property during the Site reconnaissance are included in Table 2. Details regarding these PCAs (e.g., location, potential contaminants of concern, and rationale for inclusion) are provided in the preceding 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 previous environmental reports, EcoLog ERIS regulatory search, information obtained through MECP Freedom of Information and TSSA requests, city directories, and aerial photographs;
- A Site reconnaissance completed on October 5, 2018 by Mr. Kurt Frommann of Pinchin that included an assessment of 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 EcoLog ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified three PCAs. The descriptions and locations of these PCAs are provided in Table 2. As per O. Reg. 153/04, all identified PCAs at the Phase One Property are considered APECs that will require investigation through the completion of a Phase Two ESA.

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 previous environmental reports, EcoLog 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 EcoLog 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:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks (Canadian Tire RFO at 2135 Robertson Road, located 220 m east of the Phase One Property);
- Item 55 – Transformer Manufacturing, Processing or Use (hydro-corridor located adjacent to the east elevation of the Phase One Property). The on/off-Site hydro-corridor is not considered to represent an environmental concern for the Phase One Property due to the observations made during Pinchin's Site reconnaissance, which included no observations of visual oil storage or transformers;
- Item 46 – Rail Yards, Tracks and Spurs (former railway line located 5 m north of the Phase One Property);
- Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 100 m west of the Phase One Property);
- Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 180 m west of the Phase One Property); and
- Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 30 m south of the Phase One Property).

These PCAs are not considered to represent APECs at the Phase One Property given the distance from the PCAs to the Phase One Property and/or the hydraulic downgradient/transgradient location of the PCAs relative to the Phase One Property and/or no concerns were observed during the Site reconnaissance for these PCAs.

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 for which this Phase One ESA applies to is provided as Figure 3.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Table 1 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.
1958 to 1965.	Crown.	Agricultural.	Agricultural.	Agricultural fields were observed on the Phase One Property in the 1958 aerial photograph.
1965 to 1991.	Beaver Lumber.	Apparent commercial building and parking lot.	Commercial.	Two former on-site buildings were observed on the south portion of the Phase One Property in the 1965 and 1976 aerial photographs.
1991 to 2004.	Beaver Lumber.	Parking lot and lumber warehouses.	Commercial.	The two former on-site buildings appeared to be demolished and three lumber warehouses were observed on the south and central portions of the Phase One Property in the 1991 and 1999 aerial photographs.
2004 to present.	Huntington Construction & Development	Parking lot.	Commercial.	Vacant land used as a parking lot in the 2004, 2007, 2008, 2012 and 2017 aerial photographs.

To the best of Pinchin's knowledge, the Phase One Property was undeveloped agricultural until the construction of the former on-site buildings constructed sometime between 1958 and 1965. In summary, the Phase One Property was owned by Beaver Lumber until 2007. The first buildings present on the



Phase One Property are assumed to have been constructed between 1958 and 1965, which were used for lumber warehousing and hardware sales. These buildings were present on the Phase One Property until sometime between 1976 and 1991, when they were demolished and three lumber warehouses were constructed on the south and central portions of the Phase One Property, which were eventually demolished in 2008, based on a review of Google Earth™ imagery and the GeoOttawa mapping database.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is sometime between approximately 1958 and 1965, with the construction of two building on the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs, previous reports and a city directory search. 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

Table 2 summarizes the descriptions and locations of all PCAs as defined by O. Reg. 153/04 that were identified by Pinchin within the Phase One Study Area. The following presents a summary of these PCAs:

- A total of three PCAs were documented to have occurred at the Phase One Property.
- A total of six PCAs were documented to have occurred within the Phase One Study Area outside of the Phase One Property. Of these off-Site PCAs, none were identified that are considered to result in APECs at the Phase One Property given the distance from the PCAs to the Phase One Property, their downgradient or transgradient locations relative to the inferred groundwater flow direction in the Phase One Study Area and/or the nature of operations and potential contaminants related to these operations.

The following PCAs were documented by Pinchin to have occurred within the Phase One Study Area outside of the Phase One Property:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks (Canadian Tire RFO at 2135 Robertson Road, located 220 m east of the Phase One Property);
- Item 55 – Transformer Manufacturing, Processing or Use (hydro-corridor located adjacent to the east elevation of the Phase One Property). The off-Site hydro-corridor is not considered to represent an environmental concern for the Phase One Property due to the observations made during Pinchin's Site reconnaissance;

- Item 46 – Rail Yards, Tracks and Spurs (former railway line located 5 m north of the Phase One Property); Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 100 m west of the Phase One Property);
- Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 180 m west of the Phase One Property); and
- Item 10 – Commercial Autobody Shops (automotive dealership and repair facility located approximately 30 m south of the Phase One Property).

7.3 Areas of Potential Environmental Concern

Table 3 summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, COPCs and the media which could potentially be impacted. As noted in Table 3, the Phase One ESA identified a total of three APECs at the Phase One Property.

The rationale used by the QP in assessing the available information to determine whether PCAs exist or have existed within the Phase One Study Area, including the Phase One Property, that represent an APEC at the Phase One Property has been provided in the preceding report sections. In general, the potential for environmental impacts to the Phase One Property was evaluated using a combined probability for a source to contaminate, and the ability of contaminants to migrate on, or to the Phase One Property. For example, a gasoline UST located on the Phase One Property, or on a property in close proximity and/or upgradient of the Phase One Property, would exhibit a high potential for contamination (and is therefore considered a PCA resulting in an APEC at the Phase One Property) since gasoline is highly mobile in the subsurface. In contrast, shallow soil/fill with metals impacts located on a property adjacent to the Phase One Property would be considered to have a low potential for contamination given that metals generally have low mobility in the subsurface (and would not be considered a PCA resulting in an APEC at the Phase One Property). Furthermore, non-adjacent properties with PCAs located downgradient or transgradient of the Phase One Property generally do not result in APECs at the Phase One Property. Groundwater is the media through which contaminants typically migrate from property to property, and if the source of the contaminant is downgradient or transgradient of the Phase One Property, contaminated groundwater from this source cannot migrate to the Phase One Property and the downgradient or transgradient PCA would not be considered to result in an APEC at the Phase One Property.

The COPCs listed in Table 3 are APEC-specific and were determined based on several sources of information, including but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and an evaluation by Pinchin of the

mobility and susceptibility for migration of the COPCs in the subsurface. The evaluation of the presence/absence of APECs at the Phase One Property was based upon the analysis of available documents, records and drawings, and personal interviews. In evaluating the Phase One Property and Phase One Study Area, Pinchin has relied in good faith on information provided by other individuals or sources as noted in this report. Pinchin has assumed that the information provided is factual and accurate, and has no reason to believe that any of the information provided in the available documentation or obtained through interviews is not factual or inaccurate.

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 Figure 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 a quasi-rectangular-shaped parcel of land approximately 2.8 acres (1.1 hectares) in size located on the north side of Robertson Road in Ottawa, Ontario. The Phase One Property consists of vacant gravel parking areas. The Phase One Property has been used for parking purposes since the demolition of former on-Site warehouses in 2008. 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;
- Water bodies located within the Phase One Study Area consisted of Stillwater Creek located approximately 130 m northwest of the Phase One Property;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property;

- The Phase One Property is bounded to the south by Robertson Road. The adjacent property to the southeast is occupied by a commercial building and to the east by a hydro-corridor. Two commercial buildings are located adjacent to the northeast elevation of the Phase One Property. A former railway line is located approximately 5 m north of the Phase One Property followed by agricultural land. A commercial building occupied by a call centre is located adjacent to the west elevation of the Phase One Property. The Phase One Study Area has been developed with residential and commercial buildings since approximately 1976, based on a review of aerial photographs;
- A total of nine PCAs were identified within the Phase One Study Area, consisting of three PCAs at the Phase One Property which included a historical railway line on the north portion of the Phase One Property, lumber storage on the north portion of the Phase One Property, and potential fill material on the south-central portion of the Phase One Property. The off-Site PCAs are a railway line located 5 m north of the Phase One Property, an RFO located approximately 220 m east of the Phase One Property (2135 Robertson Road), an automotive dealership located approximately 30 m south of the Phase One Property (2164 Robertson Road), an automotive dealership located approximately 75 m west of the Phase One Property (2185 Robertson Road), an automotive collision centre located approximately 150 m west of the Phase One Property (2195 Robertson Road) and a hydro-corridor located adjacent to the northeast elevation of the Site. Groundwater flow within the Phase One Study Area is interpreted to be to the northwest towards Stillwater Creek. Given that these off-Site PCAs are located at down/transgradient properties that are at least 30 m from the Phase One Property, the off-Site PCAs are not considered to result in APECs at the Phase One Property. The three on-Site PCAs identified on the Phase One Property represent APECs. Figure 4 provides a detailed summary of the APECs and associated PCAs and COPCs;
- No underground utilities are present 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 sandy gravel fill underlain by silty sandy 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 northwest, based on the location of Stillwater Creek. Regional groundwater flow is inferred to be to the north towards the Ottawa River. The topography is considered to be mainly flat to rolling low local relief with dry surface water drainage conditions.



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 in preparation for the future development of the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified three PCAs at the Phase One Property (i.e., on-Site) and six PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). All of the off-Site PCAs are not considered to result in APECs at the Phase One Property given their distance from the Phase One Property and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The three on-Site PCAs result in three APECs at the Phase One Property. It is Pinchin's opinion that these three PCAs may have impacted soil and groundwater quality at the Phase One Property and, as such, result in APECs at the Phase One Property that warrant further investigation.

Pinchin recommends that a Phase Two ESA be conducted at the Phase One Property as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property". Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted for the Phase One Property.

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. 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 an SPA 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 October 5, 2018, and a review of available historical information and information obtained from interviews.



This report has been issued without having received responses to requests for information from the MECP or TSSA. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from these regulatory agencies.

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 2165 Robertson 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 Huntington Construction & Development (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.

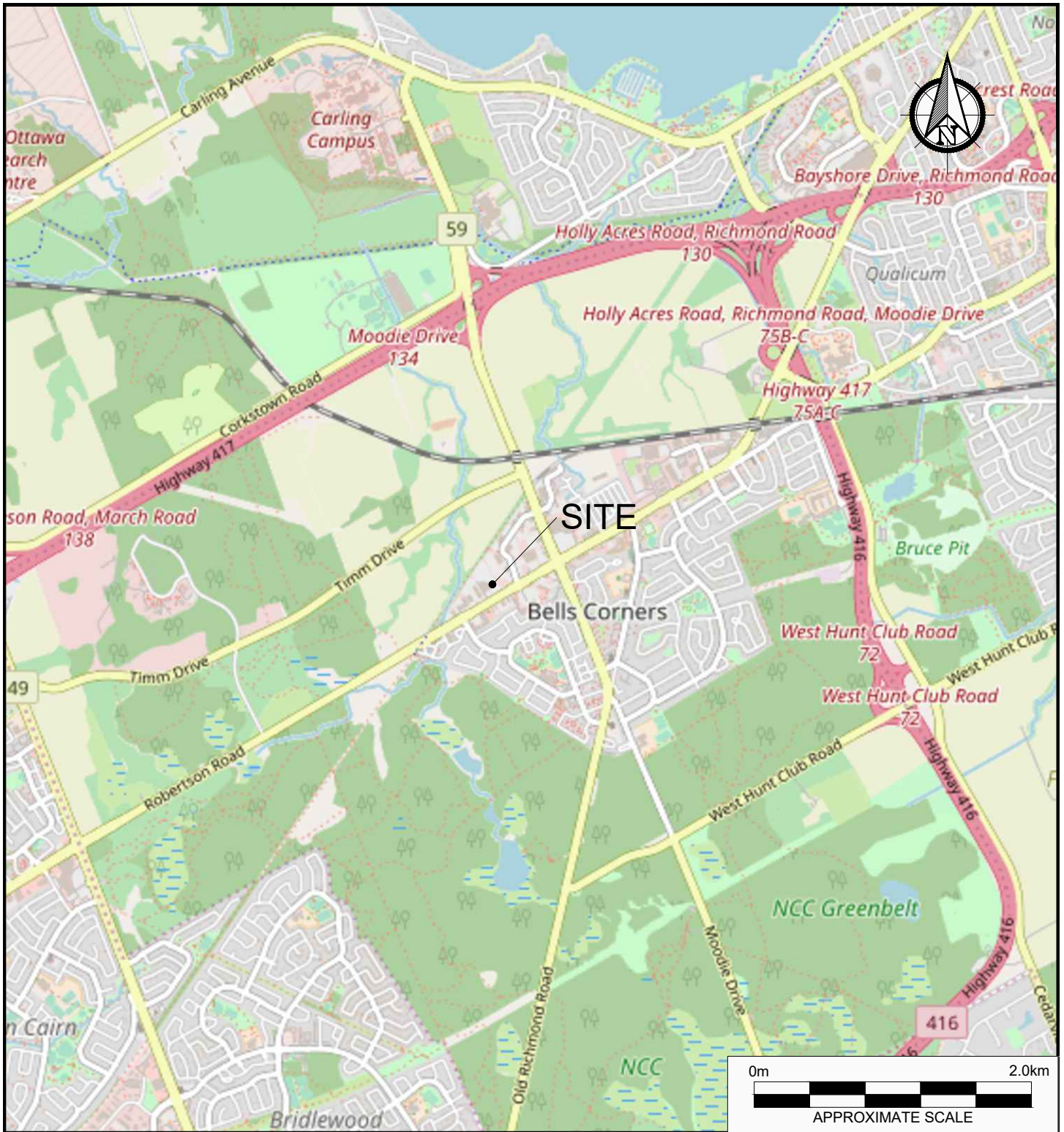
9.0 REFERENCES

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

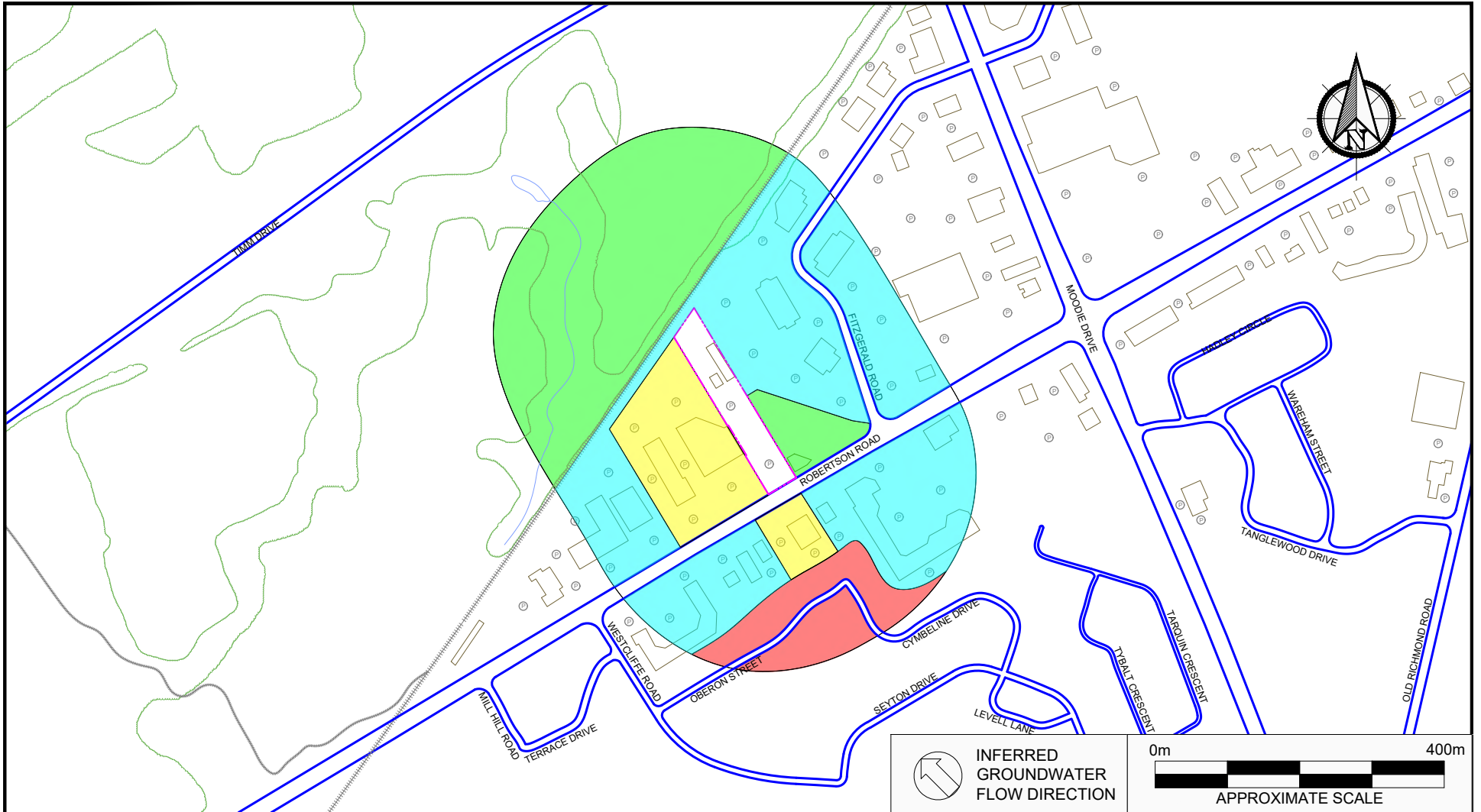
- “Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario”, prepared for the Dymon Capital Corporation, by T. Harris Environmental Management Inc., and dated March 2007.
- “Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario”, prepared for Erez Capital Fund Inc. by Pinchin, and dated July 2008.
- “Phase II Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario”, prepared for Erez Capital Fund Inc. by Pinchin, and dated November 5, 2008.
- “Phase I Environmental Site Assessment, 145 Robertson Road, Ottawa, Ontario”, prepared for the Client by Pinchin, and dated July 2012.
- 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.
- 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 312/17 on July 28, 2017.
- <http://maps.ottawa.ca/geoottawa/>.


10.0 APPENDICES


APPENDIX A
Figures











PROJECT NAME			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
HUNTINGTON CONSTRUCTION & DEVELOPMENT			
PROJECT LOCATION			
2165 ROBERTSON ROAD, OTTAWA, ONTARIO			
FIGURE NAME			FIGURE NO.
KEY MAP			
APPROXIMATE SCALE	PROJECT NO.	DATE	1
AS SHOWN	229900	FEBRUARY 2020	



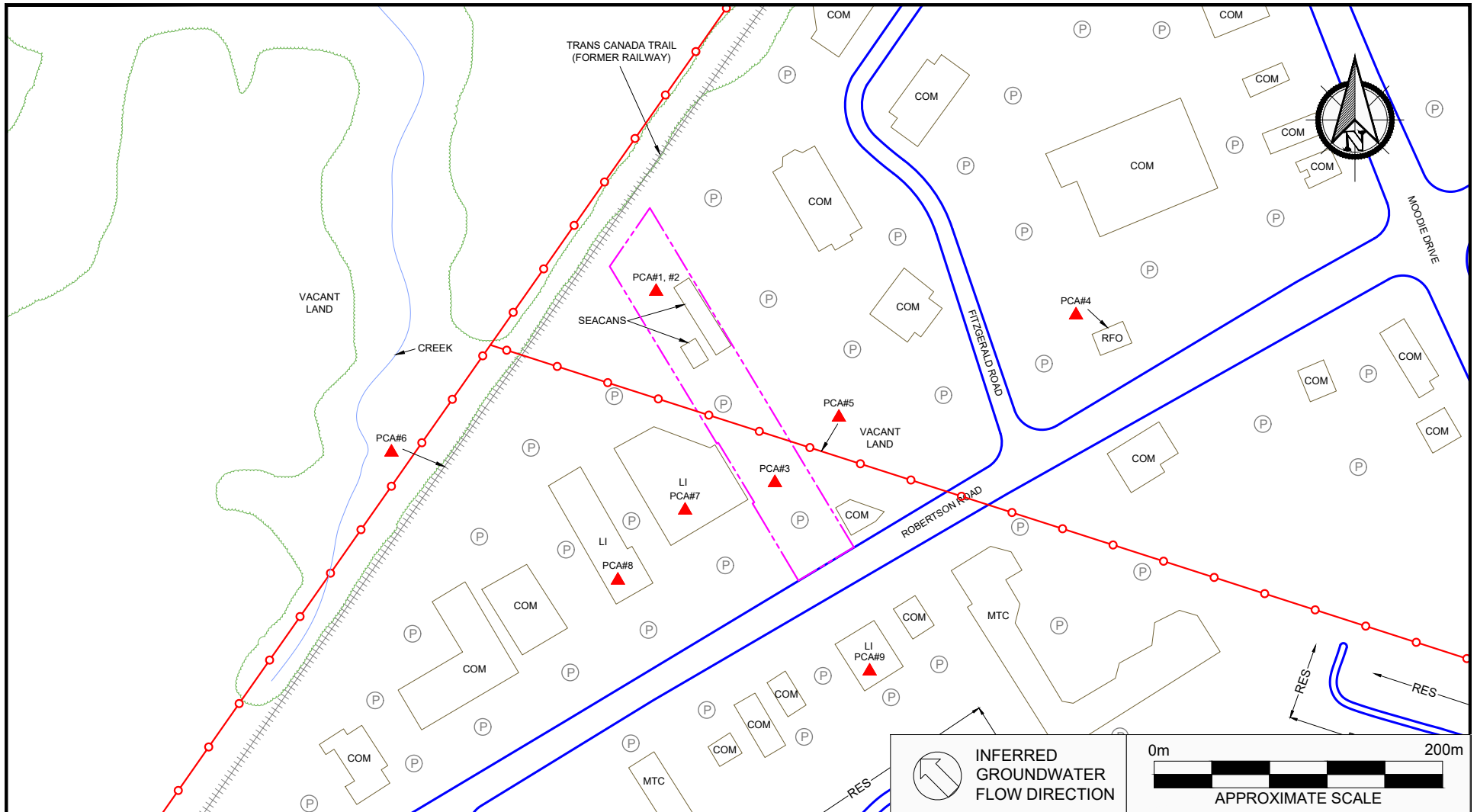

 INFERRED
GROUNDWATER
FLOW DIRECTION

0m 400m

 APPROXIMATE SCALE



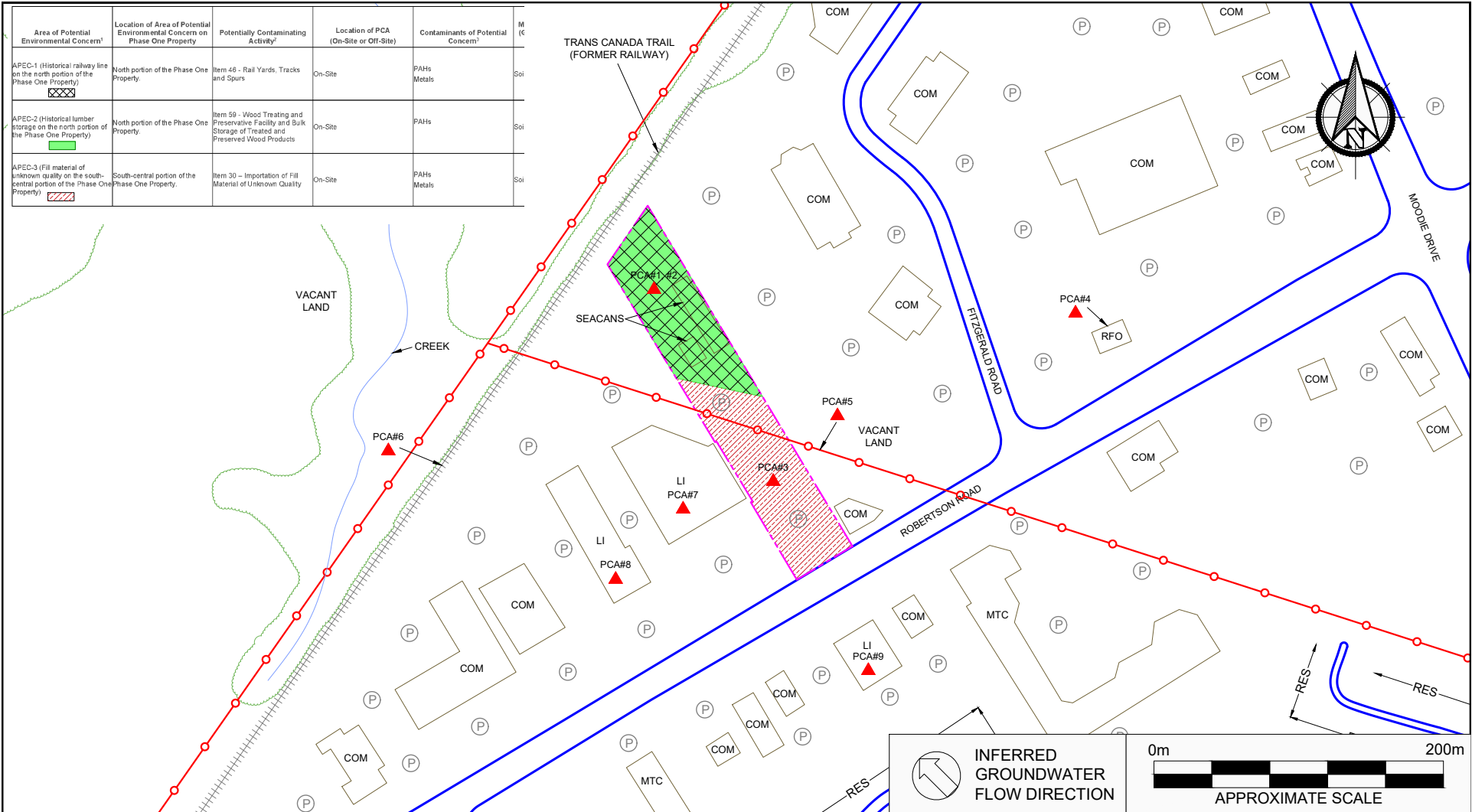
LEGEND	
	SITE BOUNDARY
	RESIDENTIAL
	COMMERCIAL
	LIGHT INDUSTRIAL
	VACANT
	PARKING
	FORMER RAILWAY LINE
	TREE LINE

PROJECT NAME			FIGURE NO.
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
HUNTINGTON CONSTRUCTION & DEVELOPMENT			
PROJECT LOCATION			2
2165 ROBERTSON ROAD, OTTAWA, ONTARIO			
FIGURE NAME		FIGURE NO.	
PHASE ONE STUDY AREA		2	
APPROXIMATE SCALE	PROJECT NO.	DATE	
AS SHOWN	229900	FEBRUARY 2020	



LEGEND	
	SITE BOUNDARY
COM	COMMERCIAL
MTC	MULTI-TENANT COMMERCIAL
RFO	RETAIL FUEL OUTLET
	PARKING
+++++	FORMER RAILWAY LINE
	HYDRO CORRIDOR
	TREE LINE
PCA#	POTENTIALLY CONTAMINATING ACTIVITY

PROJECT NAME			FIGURE NO.
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
HUNTINGTON CONSTRUCTION & DEVELOPMENT			3
PROJECT LOCATION			
2165 ROBERTSON ROAD, OTTAWA, ONTARIO			
FIGURE NAME		FIGURE NO.	
POTENTIALLY CONTAMINATING ACTIVITIES		3	
APPROXIMATE SCALE	PROJECT NO.	DATE	
AS SHOWN	229900	FEBRUARY 2020	



Area of Potential Environmental Concern ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	M (C)
APEC-1 (Historical railway line on the north portion of the Phase One Property)	North portion of the Phase One Property	Item 46 - Rail Yards, Tracks and Spurs	On-Site	PAHs Metals	Soi
APEC-2 (Historical lumber storage on the north portion of the Phase One Property)	North portion of the Phase One Property	Item 59 - Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	On-Site	PAHs	Soi
APEC-3 (Fill material of unknown quality on the south-central portion of the Phase One Property)	South-central portion of the Phase One Property	Item 30 - Importation of Fill Material of Unknown Quality	On-Site	PAHs Metals	Soi



LEGEND

- SITE BOUNDARY
- COM COMMERCIAL
- MTC MULTI-TENANT COMMERCIAL
- RFO RETAIL FUEL OUTLET
- P PARKING
- +++++ FORMER RAILWAY LINE
- HYDRO CORRIDOR
- ~ TREE LINE
- PCA# POTENTIALLY CONTAMINATING ACTIVITY
- ▲

PROJECT NAME

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME

HUNTINGTON CONSTRUCTION & DEVELOPMENT

PROJECT LOCATION

2165 ROBERTSON ROAD, OTTAWA, ONTARIO

FIGURE NAME

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

FIGURE NO.

4

APPROXIMATE SCALE
AS SHOWN

PROJECT NO.
229900

DATE
FEBRUARY 2020

APPENDIX B
Photographs



Photo 1 – South elevation of the Phase One Property, looking north.



Photo 2 – North portion of the Phase One Property (looking northwest).



Photo 3 – Looking northeast from the south elevation of the Phase One Property.



Photo 4 – Looking northeast from the Phase One Property.



Photo 5 – Looking north from the Phase One Property.

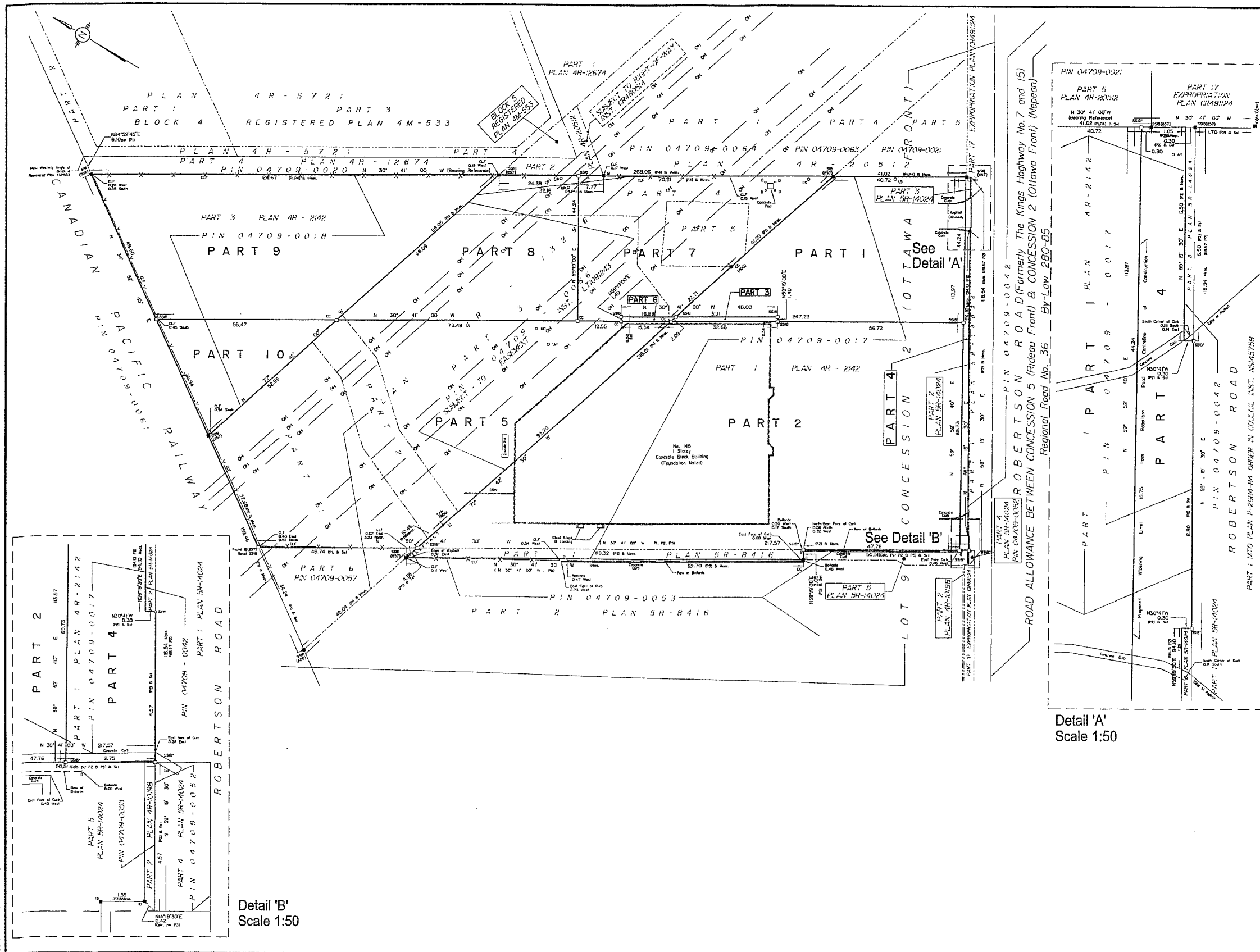


Photo 6 – Looking southwest from the north portion of the Phase One Property.



Photo 7 – Looking south from the Phase One Property.

APPENDIX C
Survey Plan



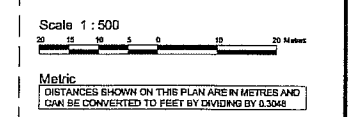
1 REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT
 DATE: Aug. 13, 2008
 PLAN 4R-23046
 RECEIVED AND DEPOSITED DATE: Aug. 13, 2008
 E. H. HARVEY
 ONTARIO LAND SURVEYOR
 E. H. HARVEY
 LAND REGISTRAR FOR THE LAND TITLES DIVISION OF OTTAWA-CARLETON NO. 4.

SCHEDULE			
PART	PART OF LOT	CONCESSION	ALL OF PIN
1			04709-0017
2			
3			
4		2 (Ottawa Front)	
5			04709-0058
6			
7			
8			
9			
10			04709-0018

Parts 5, 6, 7 & 8: Subject to assessment list, LT1001243

PLAN OF SURVEY OF
**PART OF LOT 9
 CONCESSION 2 (OTTAWA FRONT)**
 Geographic Township of Nepean
 CITY OF OTTAWA

Surveyed by Annis, O'Sullivan, Vollebek Ltd.

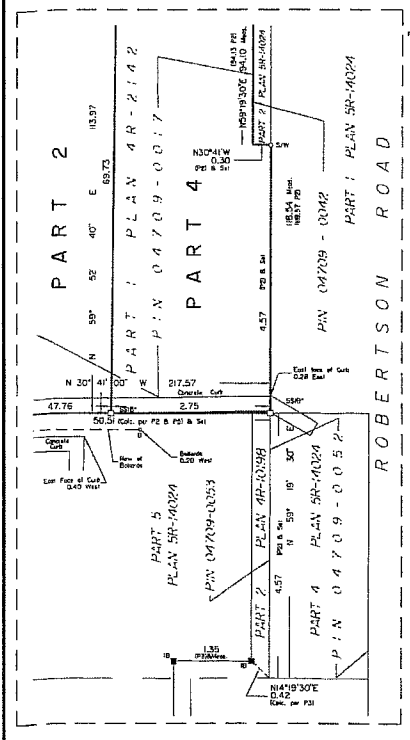


Surveyor's Certificate
 I CERTIFY THAT:
 1. This survey and plan are correct and in accordance with the Survey Act, the Surveyors Act, the Land Titles Act and the regulations made under them.
 2. The survey was completed on the 31st day of July, 2008.

Aug. 13, 2008
 Date
 E. H. HARVEY
 Ontario Land Surveyor

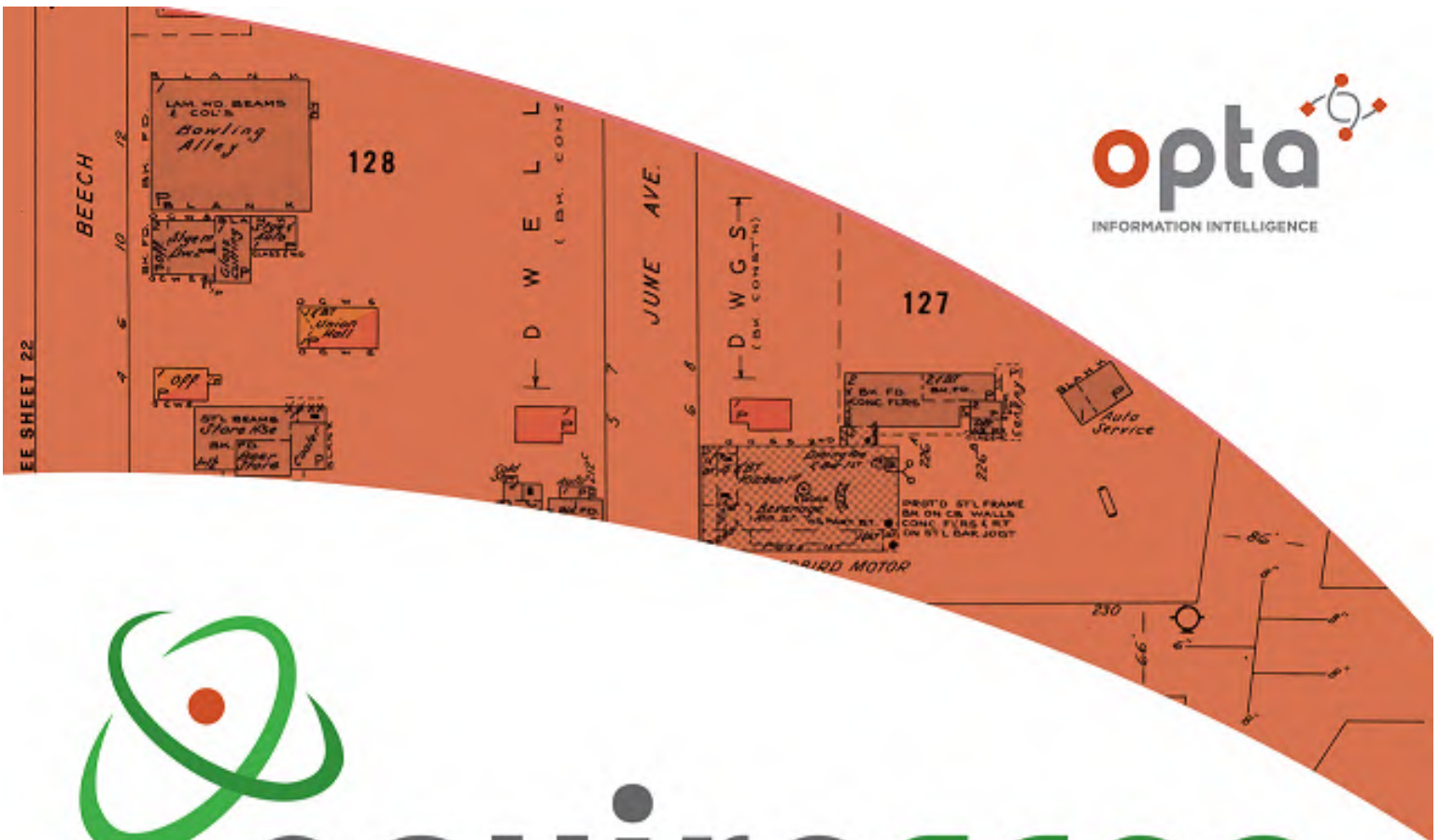
- Notes & Legend
- Denotes Survey Monument Planted
 - Survey Monument Found
 - SIB Standard Iron Bar
 - SSIB Short Standard Iron Bar
 - SBIB Short Standard Iron Bar (0.3 long)
 - IB Iron Bar
 - CC Cut Cross
 - SW Spike & Washer (in asphalt)
 - SWT Whose
 - (ADG) Annis, O'Sullivan, Vollebek Ltd.
 - Mens. Measured
 - CLF Chain Link Fence
 - CRW Concrete Retaining Wall
 - LS Light Standard
 - UP Utility Pole
 - OW Overhead Wires
 - AN Anchor
 - BL Bolt
 - (P1) Plan 4R-13296
 - (P2) Plan SR-14204
 - (P3) Plan 4R-10198
 - (P4) Plan 4R-12674
 - (P5) Plan SR-84516

Bearings are astronomic; derived from the magnetic meridian of Plan 4R-13296 shown to be N0°41'00"W magnetic.



Detail 'A' Scale 1:50

APPENDIX D
Opta Records



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Catherine

Site Address:

2165 Robertson Rd Ottawa ON

Project No:

20180927134

Opta Order ID:

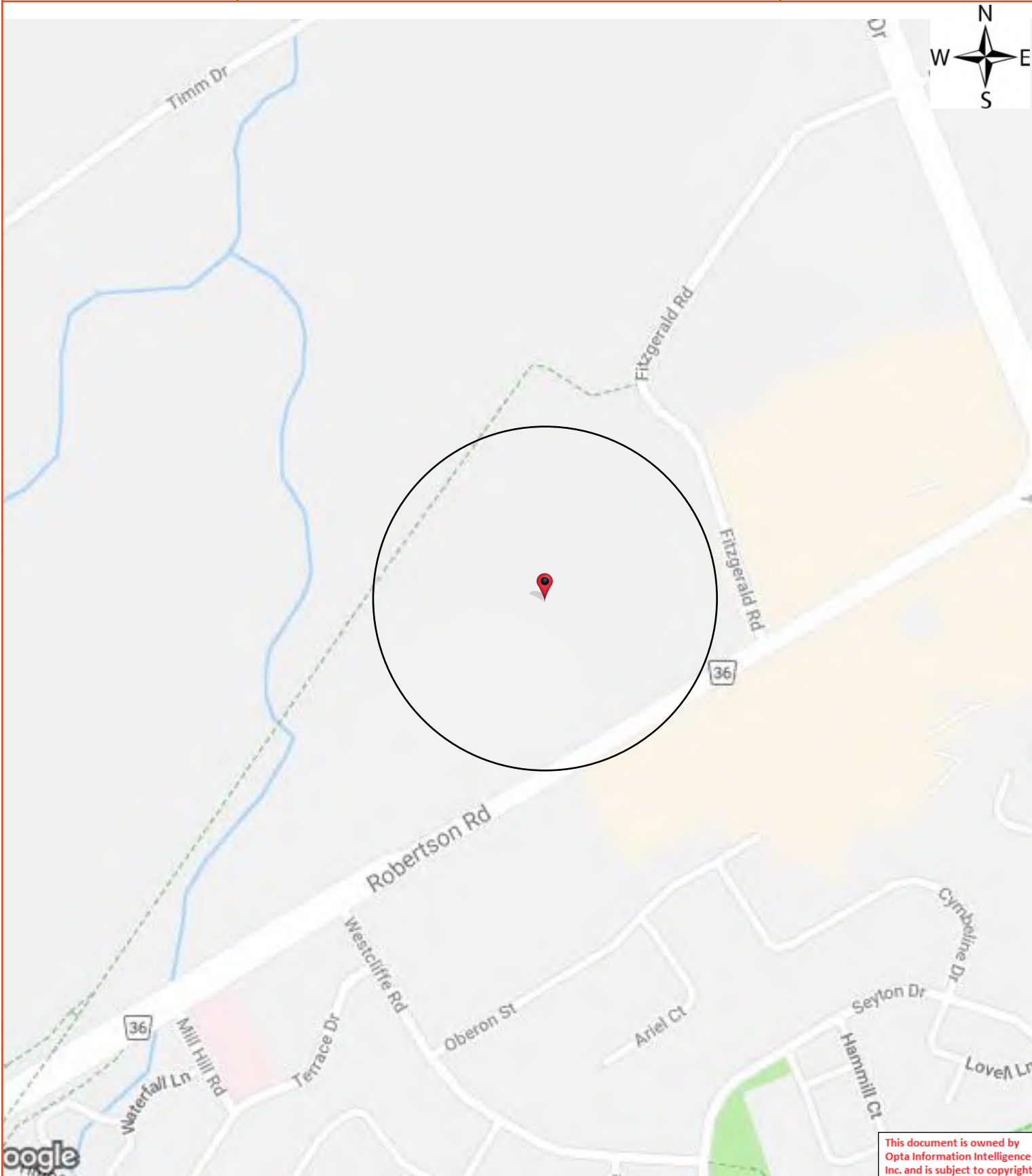
53782

Requested by:

Eleanor Goolab
Eris

Date Completed:

10/4/2018 7:23:59 AM



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Report

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

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Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 905.882.6300
Toll Free: 905.882.6300
F: 905.882.6300

An SCM Company
www.optaintel.ca

Page: 4

Project Name: 2165 Robertson
Road Ottawa Ontario

Project #: 20180927134
P.O. #: 229900

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab

Date Completed: 10/04/2018 07:23:59



OPTA INFORMATION INTELLIGENCE

No Records Found

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APPENDIX E
EcoLog ERIS Report

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *2165 Robertson Road Ottawa Ontario
2165 Robertson Road Ottawa Ontario
Ottawa ON K2H
229900*

Project No: *229900*

Report Type: *RSC Report (Urban)*

Order No: *20180927134*

Requested by: *Pinchin Ltd.*

Date Completed: *October 4, 2018*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 2165 Robertson Road Ottawa Ontario
2165 Robertson Road Ottawa Ontario Ottawa ON K2H

Project No: 229900

Order Information:

Order No: 20180927134
Date Requested: September 27, 2018
Requested by: Pinchin Ltd.
Report Type: RSC Report (Urban)

Historical/Products:

Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Topographic Map Ontario Base Map (OBM)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	8	8
CA	<i>Certificates of Approval</i>	Y	0	9	9
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DRYCLEANERS	<i>Dry Cleaning Facilities</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	14	14
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	2	2
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	4	4
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	49	49
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	1	1
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	9	9
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	2	2
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	4	4
SPL	<i>Ontario Spills</i>	Y	0	9	9
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	13	13
Total:			0	130	130

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 9 con 2 ON Well ID: 1503994	SSE/8.0	2.00	35
2	WWIS		Ottawa ON Well ID: 7116040	WSW/15.7	0.03	37
3	EHS		170 Robertson Road Ottawa ON K2H 5Z1 Order ID: 79979	S/64.8	2.08	39
4	WWIS		lot 35 con 5 ON Well ID: 1506364	SE/67.2	2.00	40
5	WWIS		lot 35 con 5 ON Well ID: 1506366	SSE/73.6	2.20	42
6	CA	3203182 CANADA INC.	25 FITZGERALD ROAD (SWM) NEPEAN ON K2H 1C3	NNE/82.7	0.00	44
6	CA	3203182 CANADA INC.	25 FITZGERALD ROAD (SWM) NEPEAN CITY ON K2H 1C3	NNE/82.7	0.00	44
6	CA	NORTEL TECHNOLOGY	25 FITZGERALD ROAD NEPEAN ON K2H 1C3	NNE/82.7	0.00	45
6	EBR	Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa Ontario K2H 1C3 Ottawa ON	NNE/82.7	0.00	45
6	ECA	Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa ON K1P 5V9	NNE/82.7	0.00	45
6	SPL	Canada Revenue Agency<UNOFFICIAL>	25 Fitzgerald Drive, Bell's Corners Ottawa ON	NNE/82.7	0.00	46
7	EHS		2170 Robertson Rd Ottawa ON K2H5Z1	S/99.8	2.95	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Order ID: 547539</i>			
8	SPL	Myers Nissan<UNOFFICIAL>	2185 Robertson Road Ottawa ON	SW/102.8	-1.09	46
9	EHS		35 Fitzgerald Road Ottawa ON K2H 1E6 <i>Order ID: 61298</i>	ENE/106.8	0.69	47
10	CA	Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa ON	NNE/108.6	-0.31	47
10	NPRI	DUNDEE REALTY MANAGEMENT	25 Fitzgerald Road Ottawa ON K2H1C3	NNE/108.6	-0.31	47
11	EHS		188 Robertson Road Ottawa ON <i>Order ID: 199716</i>	S/116.7	1.14	49
12	EHS		2150 Robertson Road Ottawa ON <i>Order ID: 329732</i>	ESE/125.8	0.69	49
13	WWIS		lot 9 con 2 ON <i>Well ID: 1503996</i>	ENE/131.6	0.46	49
14	BORE		ON	NNE/138.2	-0.67	51
15	SPL	BELL CANADA	ROBERTSON ROAD, WEST OF FITZGERALD, OTTAWA, (NEPEAN) MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	ESE/139.4	-0.15	52
16	BORE		ON	ESE/142.0	-0.04	52
16	WWIS		lot 35 con 5 ON <i>Well ID: 1506367</i>	ESE/142.0	-0.04	53
17	BORE		ON	E/142.3	-0.15	55

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	BORE		ON	E/151.4	1.08	55
19	CA	Tony Graham Motors Limited	165 Robertson Road Ottawa ON	SW/151.6	-2.08	56
20	ECA	Compaq Canada Incorporated	145 Robertson Road Nepean ON J8Z 3H6	ESE/152.6	-0.04	56
20	GEN	BEAVER LUMBER COMPANY LIMITED	145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	ESE/152.6	-0.04	57
20	GEN	BEAVER LUMBER CO. LTD.	145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	ESE/152.6	-0.04	57
21	CA	VALLEY VU REALTY	150 ROBERTSON ROAD NEPEAN CITY ON K2H 9S1	ESE/162.2	0.14	57
21	CA	BELAMYS RESTAURANT	150 ROBERTSON RD. NEPEAN CITY ON K2H 9S1	ESE/162.2	0.14	57
21	CA	BRENDAN HERBERT, MONGOLIE GRILL	150 ROBERTSON RD., PT.LOT 33 NEPEAN ON K2H 9S1	ESE/162.2	0.14	58
21	EHS		150 Robertson Road Ottawa ON Order ID: 184798	ESE/162.2	0.14	58
21	GEN	BLACKWOOD HODGE OUT OF BUSINESS	SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	ESE/162.2	0.14	58
21	GEN	BLACKWOOD HODGE OUT OF BUSINESS 05-259	SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	ESE/162.2	0.14	58
21	GEN	Bells Corner Appletree	150 Robertson rd Ottawa ON K2H 9S1	ESE/162.2	0.14	59
21	PES	WHITE ROSE CRAFTS & NURSERY SALES LIMITED	150 ROBERTSON RD NEPEAN ON K2H 9S1	ESE/162.2	0.14	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	SCT	B & G Signs Ltd.	150 Robertson Rd Nepean ON K2H 9S1	ESE/162.2	0.14	59
21	SCT	BNG SIGNS LTD.	150 ROBERTSON RD NEPEAN ON K2H 9S1	ESE/162.2	0.14	59
21	SPL		150 Robertson Rd. Ottawa ON	ESE/162.2	0.14	60
21	SPL	TRANSPORT TRUCK	150 ROBERTSON RD. BACK OF WHITE ROSE CRAFT & SALES STORE. MOTOR VEHICLE (OPERATING FLUID) NEPEAN CITY ON K2H 9S1	ESE/162.2	0.14	60
21	SPL	Price Chopper, a division of Sobey's<UNOFFICIAL>	150 Robertson Road Ottawa ON K2H 5Z1	ESE/162.2	0.14	61
21	SPL	Price Chopper<UNOFFICIAL>	150 Robertson Rd Ottawa ON	ESE/162.2	0.14	61
21	SPL	BFI Canada<UNOFFICIAL>	150 Roberston Road Ottawa ON	ESE/162.2	0.14	62
22	BORE		ON	NE/162.5	0.00	62
23	BORE		ON	SSW/167.7	2.00	62
23	WWIS		lot 35 con 5 ON Well ID: 1506359	SSW/167.7	2.00	63
24	WWIS		lot 35 con 5 NEPEAN ON Well ID: 7165299	ESE/171.2	0.00	65
25	GEN	Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	ESE/174.6	1.00	67

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	ESE/174.6	1.00	67
25	GEN	Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	ESE/174.6	1.00	68
25	GEN	Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	ESE/174.6	1.00	68
25	GEN	Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON	ESE/174.6	1.00	68
25	GEN	Bells Corner Appletree	4-2150 Robertson rd Ottawa ON	ESE/174.6	1.00	69
26	EHS		2144 & 2150 Robertson Road (Formerly 144 & 150) Ottawa ON K2H 9S1 Order ID: 469817	ESE/180.5	-0.08	69
27	BORE		ON	WSW/196.3	-2.96	69
27	WWIS		lot 8 con 2 ON Well ID: 1503992	WSW/196.3	-2.96	69
28	EHS		20 Fitzgerald Rd Ottawa ON K2H8R6 Order ID: 482552	NNE/201.5	-1.00	72
29	EHS		190-194 Robertson Road Ottawa ON Order ID: 108975	SSW/204.8	0.97	72
30	GEN	DY-4 SYSTEMS INC.	21 FITZGERALD ROAD NEPEAN ON K2H 9G1	NNE/205.9	-1.46	72
30	GEN	DY-4 SYSTEMS INC.	21 FITZGERALD RD. NEPEAN ON K2H 9J4	NNE/205.9	-1.46	73
30	GEN	DY-4 SYSTEMS INC. 13-316	21 FITZGERALD RD. NEPEAN ON K2H 9J4	NNE/205.9	-1.46	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
30	SCT	DY 4 SYSTEMS INC	21 FITZGERALD RD NEPEAN ON K2H 9J4	NNE/205.9	-1.46	74
31	GEN	894794 ONT. LTD.	138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	E/218.5	-1.03	74
31	GEN	894794 ONTARIO LD.	138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	E/218.5	-1.03	74
32	GEN	BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	SSW/223.6	2.95	74
32	GEN	BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	SSW/223.6	2.95	75
32	GEN	BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	SSW/223.6	2.95	75
32	GEN	BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	SSW/223.6	2.95	75
33	EHS		20 Fitzgerald Rd Ottawa ON K2H8R6 <i>Order ID: 444784</i>	NE/223.6	-1.00	76
34	GEN	Rexall Pharmacy Group Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	E/227.7	-1.03	76
34	GEN	Pharmx Rexall Drug Stores Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	E/227.7	-1.03	76
34	GEN	Pharmx Rexall Drug Stores Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	E/227.7	-1.03	77
34	GEN	Rexall Pharmacy Group Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	E/227.7	-1.03	77
35	CA	NORTEL TECHNOLOGY	20 FITZGERALD ROAD NEPEAN CITY ON K2H 8R6	NNE/235.2	-1.00	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
36	GEN	Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	SW/242.3	-2.95	78
36	GEN	Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	SW/242.3	-2.95	78
36	GEN	Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	SW/242.3	-2.95	79
37	WWIS		lot 9 con 2 ON Well ID: 1515898	E/249.9	-0.96	79
38	FST	CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/259.8	-1.00	83
38	FST	CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/259.8	-1.00	83
38	FST	CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/259.8	-1.00	83
38	FST	CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/259.8	-1.00	83
38	PES	TEX-DON LTD	2135 ROBERTSON RD NEPEAN ON K2H5Z2	ENE/259.8	-1.00	84
39	EHS		101 ROBERTSON RD (INCL 85 ROBERTSON RD, FORMER ADDRESS) OTTAWA ON Order ID: 181998	ENE/268.5	-1.20	84
40	SPL	SHELL CANADA PRODUCTS LTD.	20 OBERON STREET TANK TRUCK (CARGO) NEPEAN CITY ON K2H 7X7	S/269.3	5.08	84
41	BORE		ON	SSW/271.5	4.08	85

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	WWIS		lot 35 con 5 ON Well ID: 1506362	SSW/271.5	4.08	85
42	EHS		101 Robertson Rd Nepean ON K2H 5Z2 Order ID: 74693	ENE/271.7	-1.31	88
43	WWIS		lot 10 con 2 ON Well ID: 7101557	ENE/275.5	-1.31	88
44	EHS		130 Robertson Road Ottawa ON Order ID: 151194	E/277.5	-2.00	90
44	GEN	Lifesource Medical Centre	130 Robertson Road Nepean ON K2H 5Z1	E/277.5	-2.00	91
44	GEN	Lifesource Medical Centre	130 Robertson Road Nepean ON K2H 5Z1	E/277.5	-2.00	91
44	SCT	DEFALCOS FOR BREWERS	130 ROBERTSON RD NEPEAN ON K2H 5Z1	E/277.5	-2.00	91
45	EHS		85 Robertson Road Ottawa ON K2H 5Z2 Order ID: 135461	E/279.4	-2.00	91
46	EXP	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr**	85 ROBERTSON RD NEPEAN ON	ENE/282.0	-1.00	92
46	EXP	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr**	85 ROBERTSON RD NEPEAN ON	ENE/282.0	-1.00	92
46	FSTH	CANADIAN TIRE CORP LTD **	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	92
46	FSTH	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	93
46	GEN	Canadian Tire	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	94

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	ENE/282.0	-1.00	94
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	94
46	GEN	Canadian Tire #272	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	95
46	GEN	LINIS Sales Inc.	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	96
46	GEN	Canadian Tire Real Estate Ltd.	85 Robertson Road Ottawa ON K2H 5Z2	ENE/282.0	-1.00	97
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	97
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	ENE/282.0	-1.00	98
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON	ENE/282.0	-1.00	99
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	100
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	ENE/282.0	-1.00	101
46	GEN	CANADIAN TIRE	85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	102
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	ENE/282.0	-1.00	102
46	GEN	Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	ENE/282.0	-1.00	103

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
46	PES	TEX-DON LTD	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	104
46	PES	CANADIAN TIRE STORE 272 / LINIS SALES INC	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	104
46	PES	LINIS SALES INC CANADIAN TIRE STORE 272	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	104
46	PES	TEX-DON LTD	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	105
46	PES	LINIS SALES INC CANADIAN TIRE STORE 272	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	105
46	PES	KEON, DES LTD. CANADIAN TIRE ASSOCIATES STORE	85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	105
46	PES	CANADIAN TIRE STORE 272 /KAVANAGH INVESTMENTS LTD.	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	105
46	PRT	CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS	85 ROBERTSON RD LOT 9 CON 2 NEPEAN ON	ENE/282.0	-1.00	106
46	RST	CANADIAN TIRE GAS BAR	85 ROBERTSON RD NEPEAN ON K2H5Z2	ENE/282.0	-1.00	106
46	RST	CANADIAN TIRE GAS BAR	85 ROBERTSON RD NEPEAN ON K2H 5Z2	ENE/282.0	-1.00	106
47	WWIS		lot 9 con 2 ON Well ID: 1503995	NNE/290.9	-2.00	106
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	E/296.5	-0.97	109

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	E/296.5	-0.97	109
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON	E/296.5	-0.97	109
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON	E/296.5	-0.97	109
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	E/296.5	-0.97	110
48	GEN	Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	E/296.5	-0.97	110

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 8 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	138.2	<u>14</u>
	ON	142.0	<u>16</u>
	ON	142.3	<u>17</u>
	ON	151.4	<u>18</u>
	ON	162.5	<u>22</u>
	ON	167.7	<u>23</u>
	ON	196.3	<u>27</u>
	ON	271.5	<u>41</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 9 CA site(s) within approximately 0.30 kilometers of

the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
NORTEL TECHNOLOGY	25 FITZGERALD ROAD NEPEAN ON K2H 1C3	82.7	<u>6</u>
3203182 CANADA INC.	25 FITZGERALD ROAD (SWM) NEPEAN ON K2H 1C3	82.7	<u>6</u>
3203182 CANADA INC.	25 FITZGERALD ROAD (SWM) NEPEAN CITY ON K2H 1C3	82.7	<u>6</u>
Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa ON	108.6	<u>10</u>
Tony Graham Motors Limited	165 Robertson Road Ottawa ON	151.6	<u>19</u>
BRENDAN HERBERT, MONGOLIE GRILL	150 ROBERTSON RD., PT.LOT 33 NEPEAN ON K2H 9S1	162.2	<u>21</u>
BELAMYS RESTAURANT	150 ROBERTSON RD. NEPEAN CITY ON K2H 9S1	162.2	<u>21</u>
VALLEY VU REALTY	150 ROBERTSON ROAD NEPEAN CITY ON K2H 9S1	162.2	<u>21</u>
NORTEL TECHNOLOGY	20 FITZGERALD ROAD NEPEAN CITY ON K2H 8R6	235.2	<u>35</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994-Jul 31, 2018 has found that there are 1 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa Ontario K2H 1C3 Ottawa ON	82.7	<u>6</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2018 has found that there are 2 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dundee Realty Management Corp.	25 Fitzgerald Road Ottawa ON K1P 5V9	82.7	<u>6</u>
Compaq Canada Incorporated	145 Robertson Road Nepean ON J8Z 3H6	152.6	<u>20</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 14 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	170 Robertson Road Ottawa ON K2H 5Z1 <i>Order ID: 79979</i>	64.8	<u>3</u>
	2170 Robertson Rd Ottawa ON K2H5Z1 <i>Order ID: 547539</i>	99.8	<u>7</u>
	35 Fitzgerald Road Ottawa ON K2H 1E6 <i>Order ID: 61298</i>	106.8	<u>9</u>
	188 Robertson Road Ottawa ON <i>Order ID: 199716</i>	116.7	<u>11</u>
	2150 Robertson Road Ottawa ON <i>Order ID: 329732</i>	125.8	<u>12</u>
	150 Robertson Road Ottawa ON	162.2	<u>21</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Order ID:</i> 184798		
	2144 & 2150 Robertson Road (Formerly 144 & 150) Ottawa ON K2H 9S1 <i>Order ID:</i> 469817	180.5	26
	20 Fitzgerald Rd Ottawa ON K2H8R6 <i>Order ID:</i> 482552	201.5	28
	190-194 Robertson Road Ottawa ON <i>Order ID:</i> 108975	204.8	29
	20 Fitzgerald Rd Ottawa ON K2H8R6 <i>Order ID:</i> 444784	223.6	33
	101 ROBERTSON RD (INCL 85 ROBERTSON RD, FORMER ADDRESS) OTTAWA ON <i>Order ID:</i> 181998	268.5	39
	101 Robertson Rd Nepean ON K2H 5Z2 <i>Order ID:</i> 74693	271.7	42
	130 Robertson Road Ottawa ON <i>Order ID:</i> 151194	277.5	44
	85 Robertson Road Ottawa ON K2H 5Z2 <i>Order ID:</i> 135461	279.4	45

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 2 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr**	85 ROBERTSON RD NEPEAN ON	282.0	46

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr**	85 ROBERTSON RD NEPEAN ON	282.0	46

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 4 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	259.8	38
CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	259.8	38
CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	259.8	38
CANADIAN TIRE CORPORATION, LIMITED	2135 ROBERTSON RD NEPEAN ON K2H 5Z2	259.8	38

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
CANADIAN TIRE CORP LTD **	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 49 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
BEAVER LUMBER COMPANY LIMITED	145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	152.6	<u>20</u>
BEAVER LUMBER CO. LTD.	145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	152.6	<u>20</u>
BLACKWOOD HODGE OUT OF BUSINESS	SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	162.2	<u>21</u>
BLACKWOOD HODGE OUT OF BUSINESS 05-259	SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	162.2	<u>21</u>
Bells Corner Appletree	150 Robertson rd Ottawa ON K2H 9S1	162.2	<u>21</u>
Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	174.6	<u>25</u>
Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	174.6	<u>25</u>
Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	174.6	<u>25</u>
Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON K2H 9S1	174.6	<u>25</u>
Robertson Appletree Ltd.	4-2150 Robertson rd Ottawa ON	174.6	<u>25</u>
Bells Corner Appletree	4-2150 Robertson rd Ottawa ON	174.6	<u>25</u>

Site	Address	Distance (m)	Map Key
DY-4 SYSTEMS INC.	21 FITZGERALD ROAD NEPEAN ON K2H 9G1	205.9	<u>30</u>
DY-4 SYSTEMS INC.	21 FITZGERALD RD. NEPEAN ON K2H 9J4	205.9	<u>30</u>
DY-4 SYSTEMS INC.	13-316 21 FITZGERALD RD. NEPEAN ON K2H 9J4	205.9	<u>30</u>
894794 ONT. LTD.	138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	218.5	<u>31</u>
894794 ONTARIO LD.	138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	218.5	<u>31</u>
BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	223.6	<u>32</u>
BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	223.6	<u>32</u>
BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	223.6	<u>32</u>
BELLS CORNERS ANIMAL HOSPITAL	BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	223.6	<u>32</u>
Rexall Pharmacy Group Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	227.7	<u>34</u>
Pharmx Rexall Drug Stores Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	227.7	<u>34</u>
Pharmx Rexall Drug Stores Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	227.7	<u>34</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Rexall Pharmacy Group Ltd.	2144 Robertson Road Nepean ON K2H 5Z1	227.7	<u>34</u>
Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	242.3	<u>36</u>
Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	242.3	<u>36</u>
Ottawa Fasteners Supply	2205 Roberston rd. ottawa ON K2H 5Z2	242.3	<u>36</u>
Lifesource Medical Centre	130 Robertson Road Nepean ON K2H 5Z1	277.5	<u>44</u>
Lifesource Medical Centre	130 Robertson Road Nepean ON K2H 5Z1	277.5	<u>44</u>
Canadian Tire	85 Robertson Rd Nepean ON K2H 5Z2	282.0	<u>46</u>
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	282.0	<u>46</u>
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	282.0	<u>46</u>
Canadian Tire #272	85 Robertson Rd Nepean ON K2H 5Z2	282.0	<u>46</u>
LINIS Sales Inc.	85 Robertson Rd Nepean ON K2H 5Z2	282.0	<u>46</u>

Site	Address	Distance (m)	Map Key
Canadian Tire Real Estate Ltd.	85 Robertson Road Ottawa ON K2H 5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	282.0	46
CANADIAN TIRE	85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H-5Z2	282.0	46
Tex-Don Ltd.	85 Robertson Rd Nepean ON K2H 5Z2	282.0	46
Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	296.5	48
Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	296.5	48
Lifesource Medical Centre	2130 Robertson Road Nepean ON	296.5	48

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lifesource Medical Centre	2130 Robertson Road Nepean ON	296.5	48
Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	296.5	48
Lifesource Medical Centre	2130 Robertson Road Nepean ON K2H 5Z1	296.5	48

NPRI - National Pollutant Release Inventory

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
DUNDEE REALTY MANAGEMENT	25 Fitzgerald Road Ottawa ON K2H1C3	108.6	10

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2018 has found that there are 9 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WHITE ROSE CRAFTS & NURSERY SALES LIMITED	150 ROBERTSON RD NEPEAN ON K2H 9S1	162.2	21
TEX-DON LTD	2135 ROBERTSON RD NEPEAN ON K2H5Z2	259.8	38
TEX-DON LTD	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
TEX-DON LTD	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE STORE 272 / LINIS SALES INC	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
CANADIAN TIRE STORE 272 /KAVANAGH INVESTMENTS LTD.	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
KEON, DES LTD. CANADIAN TIRE ASSOCIATES STORE	85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	282.0	46
LINIS SALES INC CANADIAN TIRE STORE 272	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
LINIS SALES INC CANADIAN TIRE STORE 272	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46

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.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS	85 ROBERTSON RD LOT 9 CON 2 NEPEAN ON	282.0	46

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jul 31, 2018 has found that there are 2 RST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE GAS BAR	85 ROBERTSON RD NEPEAN ON K2H 5Z2	282.0	46
CANADIAN TIRE GAS BAR	85 ROBERTSON RD NEPEAN ON K2H5Z2	282.0	46

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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SCT - Scott's Manufacturing Directory

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
B & G Signs Ltd.	150 Robertson Rd Nepean ON K2H 9S1	162.2	<u>21</u>
BNG SIGNS LTD.	150 ROBERTSON RD NEPEAN ON K2H 9S1	162.2	<u>21</u>
DY 4 SYSTEMS INC	21 FITZGERALD RD NEPEAN ON K2H 9J4	205.9	<u>30</u>
DEFALCOS FOR BREWERS	130 ROBERTSON RD NEPEAN ON K2H 5Z1	277.5	<u>44</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jul 2018 has found that there are 9 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Canada Revenue Agency<UNOFFICIAL>	25 Fitzgerald Drive, Bell's Corners Ottawa ON	82.7	<u>6</u>
Myers Nissan<UNOFFICIAL>	2185 Robertson Road Ottawa ON	102.8	<u>8</u>
BELL CANADA	ROBERTSON ROAD, WEST OF FITZGERALD, OTTAWA, (NEPEAN) MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	139.4	<u>15</u>
BFI Canada<UNOFFICIAL>	150 Roberston Road Ottawa ON	162.2	<u>21</u>

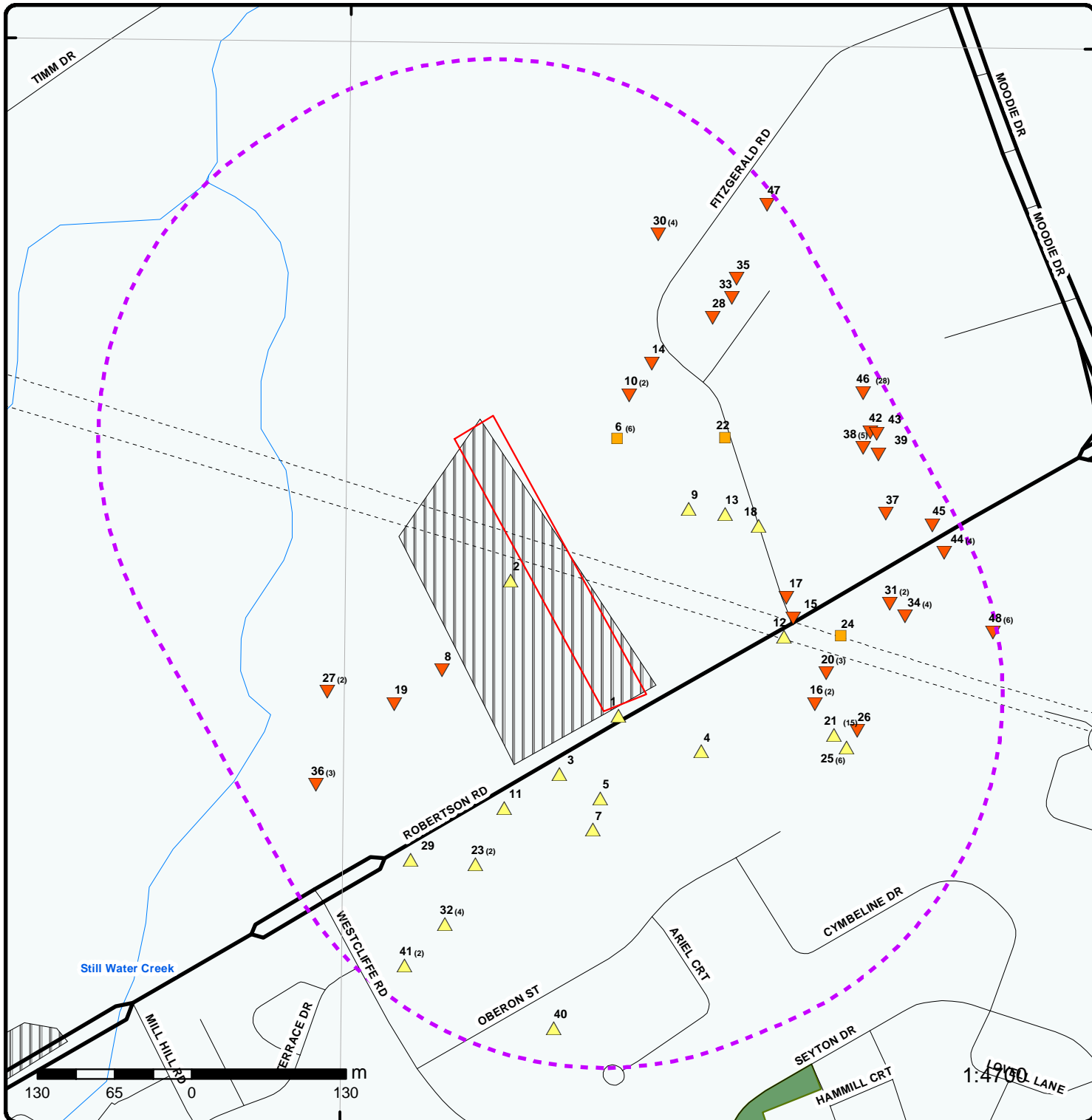
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TRANSPORT TRUCK	150 ROBERTSON RD. BACK OF WHITE ROSE CRAFT & SALES STORE. MOTOR VEHICLE (OPERATING FLUID) NEPEAN CITY ON K2H 9S1	162.2	21
Price Chopper, a division of Sobey's<UNOFFICIAL>	150 Robertson Road Ottawa ON K2H 5Z1	162.2	21
	150 Robertson Rd. Ottawa ON	162.2	21
Price Chopper<UNOFFICIAL>	150 Robertson Rd Ottawa ON	162.2	21
SHELL CANADA PRODUCTS LTD.	20 OBERON STREET TANK TRUCK (CARGO) NEPEAN CITY ON K2H 7X7	269.3	40

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 13 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 9 con 2 ON <i>Well ID:</i> 1503994	8.0	1
	Ottawa ON <i>Well ID:</i> 7116040	15.7	2
	lot 35 con 5 ON <i>Well ID:</i> 1506364	67.2	4
	lot 35 con 5 ON <i>Well ID:</i> 1506366	73.6	5

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 9 con 2 ON <i>Well ID:</i> 1503996	131.6	<u>13</u>
	lot 35 con 5 ON <i>Well ID:</i> 1506367	142.0	<u>16</u>
	lot 35 con 5 ON <i>Well ID:</i> 1506359	167.7	<u>23</u>
	lot 35 con 5 NEPEAN ON <i>Well ID:</i> 7165299	171.2	<u>24</u>
	lot 8 con 2 ON <i>Well ID:</i> 1503992	196.3	<u>27</u>
	lot 9 con 2 ON <i>Well ID:</i> 1515898	249.9	<u>37</u>
	lot 35 con 5 ON <i>Well ID:</i> 1506362	271.5	<u>41</u>
	lot 10 con 2 ON <i>Well ID:</i> 7101557	275.5	<u>43</u>
	lot 9 con 2 ON <i>Well ID:</i> 1503995	290.9	<u>47</u>



Map : 0.3 Kilometer Radius

Order No: 20180927134

Address: 2165 Robertson Road Ottawa Ontario, Ottawa, ON, K2H



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		

75°51'W

45°19'30"N

45°19'30"N



Aerial (2017)

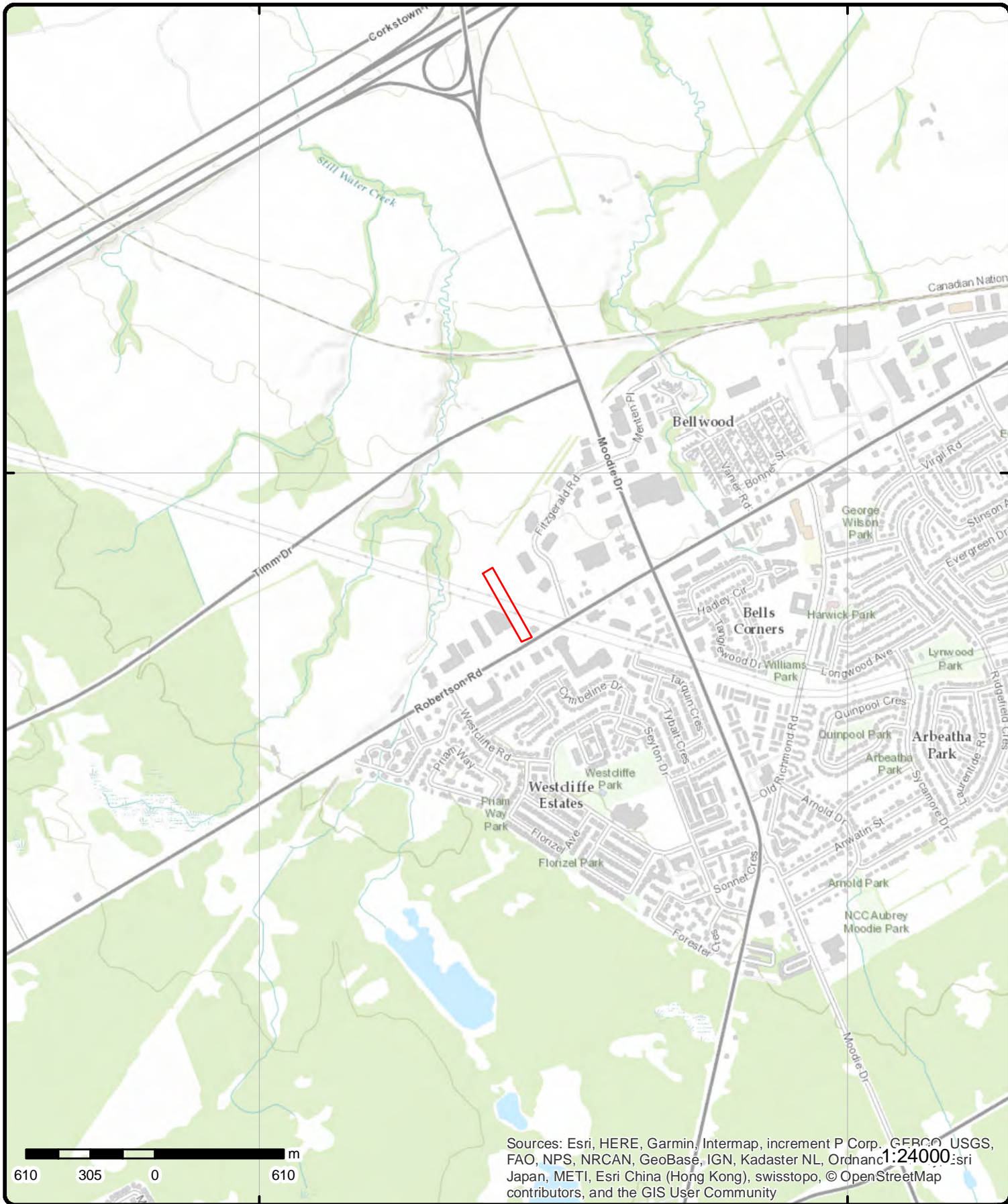
Address: 2165 Robertson Road Ottawa Ontario, Ottawa, ON, K2H

Source: ESRI World Imagery

Order No: 20180927134



© ERIS Information Limited Partnership



Topographic Map

Address: 2165 Robertson Road Ottawa Ontario, Ottawa, ON, K2H

Source: ESRI World Topographic Map

Order No: 20180927134



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SSE/8.0	95.9 / 2.00	lot 9 con 2 ON WWIS
Well ID: 1503994 Construction Date: Primary Water Use: Public 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: 5/29/1951 Selected Flag: Yes Abandonment Rec: Contractor: 1802 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: 009 Concession: 02 Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10026037 DP2BR: 29 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 22-MAY-51 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 93.6 Elevrc: Zone: 18 East83: 434265.6 Org CS: North83: 5018832 UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 930998112 Layer: 1 Color: General Color: Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		29			
Formation End Depth UOM:		ft			
Formation ID:		930998113			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		29			
Formation End Depth:		49			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503994			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574607			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044807			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930044808			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		49			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503994			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		26			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:					
Pumping Rate:	2				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	5				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:	933457034				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	49				
Water Found Depth UOM:	ft				

2	1 of 1	WSW/15.7	93.9 / 0.03	Ottawa ON	WWIS
Well ID: 7116040					
Construction Date:					
Primary Water Use: Monitoring and Test Hole					
Sec. Water Use: 0					
Final Well Status: Test Hole					
Water Type:					
Casing Material:					
Audit No: M02553					
Tag: A070193					
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: 12/4/2008					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 7241					
Form Version: 5					
Owner:					
Street Name: 145 ROBERTSON 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: 1001906448					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed: 24-OCT-08					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation: 92.81					
Elevrc:					
Zone: 18					
East83: 434175					
Org CS: UTM83					
North83: 5018946					
UTMRC: 3					
UTMRC Desc: margin of error : 10 - 30 m					
Location Method: wwr					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1002785970		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:			28		
Other Materials:			SAND		
Mat3:			66		
Other Materials:			DENSE		
Formation Top Depth:			0		
Formation End Depth:			1.5		
Formation End Depth UOM:			m		
Formation ID:			1002785971		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			06		
Most Common Material:			SILT		
Mat2:			28		
Other Materials:			SAND		
Mat3:			68		
Other Materials:			DRY		
Formation Top Depth:			1.5		
Formation End Depth:			2.44		
Formation End Depth UOM:			m		
Formation ID:			1002785972		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		
Other Materials:			SILT		
Mat3:			91		
Other Materials:			WATER-BEARING		
Formation Top Depth:			2.44		
Formation End Depth:			4.88		
Formation End Depth UOM:			m		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1002785974		
Layer:			1		
Plug From:			0		
Plug To:			.31		
Plug Depth UOM:			m		
Plug ID:			1002785976		
Layer:			3		
Plug From:			.91		
Plug To:			4.88		
Plug Depth UOM:			m		
Plug ID:			1002785975		
Layer:			2		
Plug From:			.31		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Plug To: .91
 Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002785981
 Method Construction Code: D
 Method Construction: Direct Push
 Other Method Construction:

Pipe Information

Pipe ID: 1002785969
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1002785977
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 0
 Depth To: 1.83
 Casing Diameter: 4.03
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002785978
 Layer: 1
 Slot: 10
 Screen Top Depth: 1.83
 Screen End Depth: 4.88
 Screen Material: 5
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter: 4.82

Hole Diameter

Hole ID: 1002785973
 Diameter: 8.25
 Depth From: 0
 Depth To: 4.88
 Hole Depth UOM: m
 Hole Diameter UOM: cm

3	1 of 1	S/64.8	96.0 / 2.08	170 Robertson Road Ottawa ON K2H 5Z1	EHS
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Order ID:	79979	Date Received:	7/21/2006
Order No:	20060721006	Lot/Building Size:	
Customer ID:	50307	Municipality:	
Company ID:	77	Client Prov/State:	ON
Status:	C	Search Radius (km):	0.25
Report Code:	4CAN	Large Radius:	2
Report Type:	Custom Report	X:	-75.839154

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date:	7/31/2006			Y:	45.319582
Report Requested by:		Pinchin Environmental Ltd.			
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans			

<u>4</u>	1 of 1	SE/67.2	95.9 / 2.00	lot 35 con 5 ON	WWIS
Well ID:	1506364			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Industrial			Date Received:	7/31/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	035
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	RF
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:	10028407	Elevation:	93.1
DP2BR:	15	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434335.6
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	5018802
Cluster Kind:		UTMRC:	5
Date Completed:	17-JUN-61	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:	931004367
Layer:	2
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		133			
Formation End Depth UOM:		ft			
Formation ID:		931004366			
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:		15			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506364			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576977			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049561			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		133			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930049560			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506364			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		80			
Recommended Pump Depth:					
Pumping Rate:		13			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 Water Details					
Water ID:		933460496			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			

<u>5</u>	1 of 1	SSE/73.6	96.1 / 2.20	lot 35 con 5 ON	WWIS
Well ID:	1506366			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Industrial			Date Received:	7/6/1964
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	035
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	RF
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:	10028409			Elevation:	93.91
DP2BR:	20			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	434250.6
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5018762
Cluster Kind:				UTMRC:	5
Date Completed:	02-JUN-64			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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931004371		
Layer:			1		
Color:					
General Color:					
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			20		
Formation End Depth UOM:			ft		
Formation ID:			931004372		
Layer:			2		
Color:					
General Color:					
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			20		
Formation End Depth:			105		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961506366		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10576979		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930049565		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			105		
Casing Diameter:			5		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
Casing ID:			930049564		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		25			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506366			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		24			
Recommended Pump Depth:		60			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933460498			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		105			
Water Found Depth UOM:		ft			

<u>6</u>	1 of 6	NNE/82.7	93.9 / 0.00	3203182 CANADA INC. 25 FITZGERALD ROAD (SWM) NEPEAN ON K2H 1C3	CA
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Certificate #: 3-0522-98-
Application Year: 98
Issue Date: 6/17/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

<u>6</u>	2 of 6	NNE/82.7	93.9 / 0.00	3203182 CANADA INC. 25 FITZGERALD ROAD (SWM) NEPEAN CITY ON K2H 1C3	CA
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Certificate #: 3-1661-97-
Application Year: 97
Issue Date: 12/15/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
6	3 of 6	NNE/82.7	93.9 / 0.00	NORTEL TECHNOLOGY 25 FITZGERALD ROAD NEPEAN ON K2H 1C3	CA
Certificate #: 8-4026-98- Application Year: 98 Issue Date: 4/21/1998 Approval Type: Industrial air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: COMMERCIAL KITCHEN EXHAUST EQUIPMENT Contaminants:: Emission Control::					
6	4 of 6	NNE/82.7	93.9 / 0.00	Dundee Realty Management Corp. 25 Fitzgerald Road Ottawa Ontario K2H 1C3 Ottawa ON	EBR
Company Name: Dundee Realty Management Corp. EBR Registry No.: IA03E0354 Ministry Ref. No.: 5646-5KMM5J Notice Type: Instrument Decision Notice Date: August 30, 2004 Proposal Date: March 14, 2003 Year: 2003 Proponent Address: 222 Queen Street , 200, Ottawa Ontario, K1P 5V9 Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Location Other: Location: 25 Fitzgerald Road Ottawa Ontario K2H 1C3 Ottawa					
6	5 of 6	NNE/82.7	93.9 / 0.00	Dundee Realty Management Corp. 25 Fitzgerald Road Ottawa ON K1P 5V9	ECA
Approval No: 2252-5MAJ3V Approval Date: 2003-06-06 Status: Approved Record Type: ECA Link Source: IDS Approval Type: ECA-AIR Project Type: AIR Address: 25 Fitzgerald Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5646-5KMM5J-14.pdf SWP Area Name: Rideau Valley MOE District: Ottawa City: Ottawa Longitude: -75.8389359999999 Latitude: 45.322044					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	6 of 6	NNE/82.7	93.9 / 0.00	Canada Revenue Agency<UNOFFICIAL> 25 Fitzgerald Drive, Bell's Corners Ottawa ON	SPL
Ref No:	6415-6EGPHS			Discharger Report:	0
Site No:				Material Group:	Chemical
Incident Dt:	7/20/2005			Client Type:	
Year:				Sector Type:	Other Motor Vehicle
Incident Cause:				Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:				Site Name:	Fitzgerald Drive<UNOFFICIAL>
Contaminant Name:	RUST-INHIBITOR (N.O.S.)			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	7/20/2005			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:		Spills to Highways (usually highway accidents)			
Incident Reason:					
Incident Summary:		Purolator truck: 60 L rust inhibitor to road			
<u>7</u>	1 of 1	S/99.8	96.8 / 2.95	2170 Robertson Rd Ottawa ON K2H5Z1	EHS
Order ID:	547539			Date Received:	22-NOV-17
Order No:	20171122131			Lot/Building Size:	
Customer ID:	177588			Municipality:	
Company ID:	77			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-75.83897
Report Date:	28-NOV-17			Y:	45.31905
Report Requested by:	Pinchin Ltd.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
<u>8</u>	1 of 1	SW/102.8	92.8 / -1.09	Myers Nissan<UNOFFICIAL> 2185 Robertson Road Ottawa ON	SPL
Ref No:	5168-ATBTKB			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2017/11/21			Client Type:	
Year:				Sector Type:	Miscellaneous Communal
Incident Cause:				Source Type:	Tank - Above Ground
Incident Event:	Operator/Human error			Nearest Watercourse:	
Contaminant Code:	46			Site Name:	Myers Nissan<UNOFFICIAL>
Contaminant Name:	WASTE OIL			Site Address:	2185 Robertson Road
Contaminant Limit 1:				Site District Office:	Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam Limit Freq 1: Contaminant UN No 1: 1993 Contaminant Qty: 200 L Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Land Health/Env Conseq: 2 - Minor Environment MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2017/11/21 Dt Document Closed: Agency Involved: SAC Action Class: Primary Assessment of Spills Incident Reason: Operator/Human Error Incident Summary: Myers Nissan: 200 litres waste oil to asphalt, cntd, clng				Site County/District: Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5018870.66 Easting: 434117.34 Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:	

9	1 of 1	ENE/106.8	94.6 / 0.69	35 Fitzgerald Road Ottawa ON K2H 1E6	EHS
Order ID: 61298 Order No: 20051006017 Customer ID: 36847 Company ID: 31985 Status: C Report Code: 3CAN Report Type: Complete Report Report Date: 10/17/2005 Report Requested by: Jacques Whitford Limited Nearest Intersection: Previous Site Name: Additional Info Ordered:				Date Received: 10/6/2005 Lot/Building Size: Municipality: Client Prov/State: ON Search Radius (km): 0.25 Large Radius: 2 X: -75.83781 Y: 45.321474	

10	1 of 2	NNE/108.6	93.6 / -0.31	Dundee Realty Management Corp. 25 Fitzgerald Road Ottawa ON	CA
Certificate #: 2252-5MAJ3V Application Year: 2003 Issue Date: 6/6/2003 Approval Type: Air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					

10	2 of 2	NNE/108.6	93.6 / -0.31	DUNDEE REALTY MANAGEMENT 25 Fitzgerald Road Ottawa ON K2H1C3	NPRI
NPRI ID: 8800001332 Other ID: No Other ID: Track ID: Report ID:				Org ID: Submit Date: Last Modified: Contact ID: Cont Type: MED	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type:				Contact Title:	Ms.
Rpt Type ID:				Cont First Name:	Jennifer
Report Year:	2004			Cont Last Name:	McCracken
Not-Current Rpt?:				Contact Position:	Property Manager
Yr of Last Filed Rpt:				Contact Fax:	
Fac ID:				Contact Ph.:	
Fac Name:	25 FITZGERALD			Cont Area Code:	613
Fac Address1:				Contact Tel.:	2344416
Fac Address2:				Contact Ext.:	26
Fac Postal Zip:				Cont Fax Area Cde:	613
Facility Lat:				Contact Fax:	2345640
Facility Long:				Contact Email:	jmccracken@dundeerealty.com
DLS (Last Filed Rpt):				Latitude:	
Facility DLS:				Longitude:	
Datum:				UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	500			Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		53			
NAICS 2 Description:		Real Estate and Rental and Leasing			
NAICS Code (4 digit):		5311			
NAICS 4 Description:		Lessors of Real Estate			
NAICS Code (6 digit):		531120			
NAICS 6 Description:		Lessors of Non-Residential Buildings (except Mini-Warehouses)			

Substance Release Report

CAS No:	7446-09-5
Report ID:	
Rpt Period:	2004
Subst Released:	Sulphur dioxide
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes
CAS No:	811-97-2
Report ID:	
Rpt Period:	2004
Subst Released:	HFC-134a Hydrofluorocarbon
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes
CAS No:	11104-93-1
Report ID:	
Rpt Period:	2004
Subst Released:	Nitrogen oxides (expressed as NO2)
Air:	
Water:	
Land:	
Total Releases:	
Units:	tonnes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	S/116.7	95.0 / 1.14	188 Robertson Road Ottawa ON	EHS
Order ID:	199716			Date Received:	12/12/2011 1:14:14 PM
Order No:	20111212025			Lot/Building Size:	
Customer ID:	88587			Municipality:	
Company ID:	77			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	4CAN			Large Radius:	2
Report Type:	Custom Report			X:	-75.839923
Report Date:	12/19/2011 1:14:14 PM			Y:	45.319205
Report Requested by:	Pinchin Environmental				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
12	1 of 1	ESE/125.8	94.6 / 0.69	2150 Robertson Road Ottawa ON	EHS
Order ID:	329732			Date Received:	21-JUL-14
Order No:	20140721063			Lot/Building Size:	
Customer ID:	97888			Municipality:	
Company ID:	20683			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	2
Report Type:	Standard Report			X:	-75.83694
Report Date:	28-JUL-14			Y:	45.320524
Report Requested by:	Premier Environmental Services Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
13	1 of 1	ENE/131.6	94.3 / 0.46	lot 9 con 2 ON	WWIS
Well ID:	1503996			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:	3504
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10026039			Elevation:	92.1
DP2BR:	51			Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:	r			East83:	434355.6
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5019002
Cluster Kind:				UTMRC:	5
Date Completed:	22-NOV-60			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: 930998117
Layer: 2
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 51
Formation End Depth: 85
Formation End Depth UOM: ft

Formation ID: 930998116
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: 51
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961503996
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10574609
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930044811			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		51			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930044812			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503996			
Pump Set At:					
Static Level:		15			
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:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933457036			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			

14 1 of 1 **NNE/138.2** **93.2 / -0.67** **ON** **BORE**

Borehole ID:	805519	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status::	
Drill Method::	Hollow stem auger	UTM Zone::	18
Easting::	434293.78	Northing::	5019128.16
Location Accuracy::		Orig. Ground Elev m::	92.3
Elev. Reliability Note::		DEM Ground Elev m::	92
Total Depth m::	3.7	Primary Name::	BH.4
Township::		Concession::	
Lot::		Municipality:	
Completion Date::	26-MAY-1988	Static Water Level::	-999.9
Primary Water Use::		Sec. Water Use::	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Stratum ID:	218585084			Top Depth(m):	0.0
Bottom Depth(m):	0.9			Stratum Desc:	Concrete With: Cob
Stratum ID:	218585085			Top Depth(m):	0.9
Bottom Depth(m):	1.2			Stratum Desc:	Grey-Brown Stiff Fill-Misc Silty Clay With: Gr Trace: Org M
Stratum ID:	218585086			Top Depth(m):	1.2
Bottom Depth(m):	3.7			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay

15	1 of 1	ESE/139.4	93.7 / -0.15	BELL CANADA ROBERTSON ROAD, WEST OF FITZGERALD, OTTAWA, (NEPEAN) MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	SPL
Ref No:	205518			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	7/9/2001			Client Type:	
Year:				Sector Type:	
Incident Cause:	OTHER CONTAINER LEAK			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:				Site Name:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	20107
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	7/9/2001			Site Map Datum:	
Dt Document Closed:					
Agency Involved:	WORKS				
SAC Action Class:					
Incident Reason:	OTHER				
Incident Summary:	BELL/EXPERTEC VAN: 135 L DIESEL TO GROUND, DITCH, & ROAD, CLEANED UP.				

16	1 of 2	ESE/142.0	93.8 / -0.04	ON	BORE
Borehole ID:	610692			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	434431			Northing::	5018842
Location Accuracy::				Orig. Ground Elev m::	91.4
Elev. Reliability Note::				DEM Ground Elev m::	93.1
Total Depth m::	33.5			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	AUG-1965			Static Water Level::	58.5
Primary Water Use::				Sec. Water Use::	

--Details--					
Stratum ID:	218386205			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth(m):	5.5			Stratum Desc:	CLAY.
Stratum ID:	218386206			Top Depth(m):	5.5
Bottom Depth(m):	33.5			Stratum Desc:	BEDROCK,SANDSTONE. 00108FEET.SAND,SILT. BEDROCK. D. SAND,SILT-FINE. GREY,BROWN,DENSE.

16	2 of 2	ESE/142.0	93.8 / -0.04	lot 35 con 5 ON	WWIS
Well ID:	1506367			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/30/1965
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	035
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	RF
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:	10028410	Elevation:	93.06
DP2BR:	18	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434430.6
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	5018842
Cluster Kind:		UTMRC:	5
Date Completed:	19-AUG-65	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:	931004373
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:			0		
Formation End Depth:			18		
Formation End Depth UOM:			ft		
Formation ID:			931004374		
Layer:			2		
Color:					
General Color:					
Mat1:			26		
Most Common Material:			ROCK		
Mat2:			18		
Other Materials:			SANDSTONE		
Mat3:					
Other Materials:					
Formation Top Depth:			18		
Formation End Depth:			110		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961506367		
Method Construction Code:			7		
Method Construction:			Diamond		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10576980		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930049567		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			110		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
Casing ID:			930049566		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			20		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991506367		
Pump Set At:					
Static Level:			10		
Final Level After Pumping:			110		
Recommended Pump Depth:			100		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933460499			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			
Water ID:		933460500			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		108			
Water Found Depth UOM:		ft			

17	1 of 1	E/142.3	93.7 / -0.15	ON	BORE
Borehole ID:	805513			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	434406.73			Northing::	5018931.08
Location Accuracy::				Orig. Ground Elev m::	93.3
Elev. Reliability Note::				DEM Ground Elev m::	93.1
Total Depth m::	5.8			Primary Name::	BH.1
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	26-MAY-1988			Static Water Level::	2.7
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218585060			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
Stratum ID:	218585061			Top Depth(m):	0.1
Bottom Depth(m):	0.9			Stratum Desc:	Brown Fill-Misc Sand - Gravel
Stratum ID:	218585062			Top Depth(m):	0.9
Bottom Depth(m):	1.0			Stratum Desc:	Brown Fill-Misc Silt - Sand
Stratum ID:	218585063			Top Depth(m):	1.0
Bottom Depth(m):	3.7			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay With: Sa
Stratum ID:	218585064			Top Depth(m):	3.7
Bottom Depth(m):	5.8			Stratum Desc:	Grey Firm Silty Clay

18	1 of 1	E/151.4	95.0 / 1.08		BORE
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Borehole ID:	805517			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	434383.74			Northing::	5018992
Location Accuracy::				Orig. Ground Elev m::	92.2
Elev. Reliability Note::				DEM Ground Elev m::	92.1
Total Depth m::	3.7			Primary Name::	BH.2
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	26-MAY-1988			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218585078			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
Stratum ID:	218585079			Top Depth(m):	0.1
Bottom Depth(m):	1.0			Stratum Desc:	Brown Fill-Misc Sand - Gravel
Stratum ID:	218585080			Top Depth(m):	1.0
Bottom Depth(m):	3.7			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay
19	1 of 1	SW/151.6	91.8 / -2.08	Tony Graham Motors Limited 165 Robertson Road Ottawa ON	CA
Certificate #:	0331-5VURYF				
Application Year:	2004				
Issue Date:	2/5/2004				
Approval Type:	Air				
Status:	Approved				
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::					
Contaminants::					
Emission Control::					
20	1 of 3	ESE/152.6	93.8 / -0.04	Compaq Canada Incorporated 145 Robertson Road Nepean ON J8Z 3H6	ECA
Approval No:	3527-4T4LXA			SWP Area Name:	Rideau Valley
Approval Date:	2001-01-31			MOE District:	Ottawa
Status:	Approved			City:	Nepean
Record Type:	ECA			Longitude:	-75.839714
Link Source:	IDS			Latitude:	45.320946
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	145 Robertson Road				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2021-4RGJS2-14.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	2 of 3	ESE/152.6	93.8 / -0.04	BEAVER LUMBER COMPANY LIMITED 145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	GEN
Generator No.:	ON1022001			PO Box No.:	
Status:				Country:	
Approval Years:	99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	6413				
SIC Description:	OTHER GEN. MERCH.				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
20	3 of 3	ESE/152.6	93.8 / -0.04	BEAVER LUMBER CO. LTD. 145 ROBERTSON ROAD OTTAWA ON K2H 5Z2	GEN
Generator No.:	ON1022001			PO Box No.:	
Status:				Country:	
Approval Years:	97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	6413				
SIC Description:	OTHER GEN. MERCH.				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
21	1 of 15	ESE/162.2	94.0 / 0.14	VALLEY VU REALTY 150 ROBERTSON ROAD NEPEAN CITY ON K2H 9S1	CA
Certificate #:	8-4176-90-				
Application Year:	90				
Issue Date:	1/31/1991				
Approval Type:	Industrial air				
Status:	Approved in 1991				
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::	INST. KITCHEN HOOD EXHAUST SYSTEM				
Contaminants::	Odour/Fumes				
Emission Control::	No Controls				
21	2 of 15	ESE/162.2	94.0 / 0.14	BELAMYS RESTAURANT 150 ROBERTSON RD. NEPEAN CITY ON K2H 9S1	CA
Certificate #:	8-4062-90-				
Application Year:	90				
Issue Date:	6/21/1990				
Approval Type:	Industrial air				
Status:	Approved				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: INST. OF FUME HOOD AND KITCHEN EXHAUST Contaminants:: Odour/Fumes Emission Control:: No Controls					
21	3 of 15	ESE/162.2	94.0 / 0.14	BRENDAN HERBERT, MONGOLIE GRILL 150 ROBERTSON RD., PT.LOT 33 NEPEAN ON K2H 9S1	CA
Certificate #: 8-4083-98- Application Year: 98 Issue Date: 5/25/1998 Approval Type: Industrial air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: COMMERCIAL KITCHEN EXHAUST EQUIPMENT Contaminants:: Odour/Fumes Emission Control:: Mist Eliminator,					
21	4 of 15	ESE/162.2	94.0 / 0.14	150 Robertson Road Ottawa ON	EHS
Order ID: 184798 Order No: 20110328026 Customer ID: 79408 Company ID: 139 Status: C Report Code: 3CAN Report Type: Standard Report Report Date: 4/6/2011 Report Requested by: Fisher Environmental Nearest Intersection: Previous Site Name: Additional Info Ordered: Aerial Photos Date Received: 3/28/2011 12:39:49 PM Lot/Building Size: Municipality: Client Prov/State: ON Search Radius (km): 0.25 Large Radius: 2 X: -75.836332 Y: 45.319932					
21	5 of 15	ESE/162.2	94.0 / 0.14	BLACKWOOD HODGE OUT OF BUSINESS SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	GEN
Generator No.: ON0036109 Status: Approval Years: 88,89,90 Contam. Facility: MHSW Facility: SIC Code: 0000 SIC Description: *** NOT DEFINED *** PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:					
21	6 of 15	ESE/162.2	94.0 / 0.14	BLACKWOOD HODGE OUT OF BUSINESS 05-259 SUNTRACT RENTALS 150 ROBERTSON ROAD NEPEAN ON K2H 9S1	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Generator No.: ON0036109 PO Box No.:</p> <p>Status: Country:</p> <p>Approval Years: 92,93,94 Choice of Contact:</p> <p>Contam. Facility: Co Admin:</p> <p>MHSW Facility: Phone No. Admin:</p> <p>SIC Code: 0000</p> <p>SIC Description: *** NOT DEFINED ***</p>					
21	7 of 15	ESE/162.2	94.0 / 0.14	Bells Corner Appletree 150 Robertson rd Ottawa ON K2H 9S1	GEN
<p>Generator No.: ON4989248 PO Box No.:</p> <p>Status: Country:</p> <p>Approval Years: 2011 Choice of Contact:</p> <p>Contam. Facility: Co Admin:</p> <p>MHSW Facility: Phone No. Admin:</p> <p>SIC Code: 621110</p> <p>SIC Description:</p>					
21	8 of 15	ESE/162.2	94.0 / 0.14	WHITE ROSE CRAFTS & NURSERY SALES LIMITED 150 ROBERTSON RD NEPEAN ON K2H 9S1	PES
<p>Licence No: 10168 Operator Box:</p> <p>Detail Licence No: 23-01-10168-0 Operator Class:</p> <p>Licence Type Code: 23 Operator No:</p> <p>Licence Type: Limited Vendor Operator Type:</p> <p>Licence Class: 01 Operator Lot:</p> <p>Licence Control: 0 Oper Concession:</p> <p>Trade Name: Operator Region: 4</p> <p>Post Office Box: Operator District: 2</p> <p>Lot: Operator County: 15</p> <p>Concession: Oper Phone Area Cd:</p> <p>Region: Ext:</p> <p>District: Oper Phone No:</p> <p>County: Proponent Ext:</p>					
21	9 of 15	ESE/162.2	94.0 / 0.14	B & G Signs Ltd. 150 Robertson Rd Nepean ON K2H 9S1	SCT
<p>Established: 1992</p> <p>Plant Size (ft²):</p> <p>Employment: 2</p>					
21	10 of 15	ESE/162.2	94.0 / 0.14	BNG SIGNS LTD. 150 ROBERTSON RD NEPEAN ON K2H 9S1	SCT
<p>Established: 1992</p> <p>Plant Size (ft²): 0</p> <p>Employment: 2</p>					
--Details--					
Description:		Sign Manufacturing			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		339950			
21	11 of 15	ESE/162.2	94.0 / 0.14	150 Robertson Rd. Ottawa ON	SPL
Ref No:	2365-8PZ3VS			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/28/2011			Client Type:	
Year:				Sector Type:	Other
Incident Cause:	Pipe Or Hose Leak			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:	38			Site Name:	Freshco Store <UNOFFICIAL>
Contaminant Name:	FREON (CFC)			Site Address:	150 Robertson Rd.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:	135 kg			Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:	Sewage - Municipal/Private and Commercial			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:	No Field Response			Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	12/28/2011			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:	Air Spills - Gases and Vapours				
Incident Reason:	Equipment Failure				
Incident Summary:	Freshco - 135 kg of freon to atmosphere.				
21	12 of 15	ESE/162.2	94.0 / 0.14	TRANSPORT TRUCK 150 ROBERTSON RD. BACK OF WHITE ROSE CRAFT & SALES STORE. MOTOR VEHICLE (OPERATING FLUID) NEPEAN CITY ON K2H 9S1	SPL
Ref No:	86784			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	6/10/1993			Client Type:	
Year:				Sector Type:	
Incident Cause:	OTHER CONTAINER LEAK			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:				Site Name:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20104
Nature of Impact:	Multi Media Pollution			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	FD, WORKS
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	6/10/1993			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:	UNKNOWN				
Incident Reason:					
Incident Summary:	PRIVATE OWNER-UNK'N QUANTOF DIESEL TO PAVEMENT FROM BACKHOE FUEL TANK.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	13 of 15	ESE/162.2	94.0 / 0.14	Price Chopper, a division of Sobey's<UNOFFICIAL> 150 Robertson Road Ottawa ON K2H 5Z1	SPL
Ref No:	7523-7FGRSY			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Client Type:	
Year:				Sector Type:	Other
Incident Cause:	Discharge or Emission to Air			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:	38			Site Name:	150 Robertson Road<UNOFFICIAL>
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:	182 kg			Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:	No Field Response			Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	6/10/2008			Site Map Datum:	
Dt Document Closed:	12/6/2008				
Agency Involved:					
SAC Action Class:	Air Spills - Gases and Vapours				
Incident Reason:	Unknown - Reason not determined				
Incident Summary:	Price Chopper's: 400lbs R 507 Refrigerant to Air				

21	14 of 15	ESE/162.2	94.0 / 0.14	Price Chopper<UNOFFICIAL> 150 Robertson Rd Ottawa ON	SPL
Ref No:	4236-6XGRKB			Discharger Report:	
Site No:				Material Group:	Gases/Particulate
Incident Dt:				Client Type:	
Year:				Sector Type:	Other
Incident Cause:	Discharge or Emission to Air			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:	38			Site Name:	Price Chopper<UNOFFICIAL>
Contaminant Name:	Refrigerant R507			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:	122 kg			Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:	Air			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:	No Field Response			Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	1/15/2007			Site Map Datum:	
Dt Document Closed:	2/23/2007				
Agency Involved:					
SAC Action Class:					
Incident Reason:	Equipment Failure				
Incident Summary:	Price Chopper - R507 to atm				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	15 of 15	ESE/162.2	94.0 / 0.14	BFI Canada<UNOFFICIAL> 150 Roberston Road Ottawa ON	SPL
Ref No:	8754-6HZQTR			Discharger Report:	0
Site No:				Material Group:	Oil
Incident Dt:	11/10/2005			Client Type:	
Year:				Sector Type:	
Incident Cause:	Other Transport Accident			Source Type:	
Incident Event:				Nearest Watercourse:	
Contaminant Code:				Site Name:	Customer Site - 150 Robertson Road, Ottawa<UNOFFICIAL>
Contaminant Name:	HYDRAULIC OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site County/District:	
Contaminant UN No 1:				Site Postal Code:	
Contaminant Qty:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:	Land			Site Conc:	
Receiving Env:				Northing:	
Health/Env Conseq:				Easting:	
MOE Response:				Site Geo Ref Accu:	
Dt MOE Arvl on Scn:				Site Geo Ref Meth:	
MOE Reported Dt:	11/10/2005			Site Map Datum:	
Dt Document Closed:					
Agency Involved:					
SAC Action Class:	Land Spills				
Incident Reason:	Spill				
Incident Summary:	BFI Ottawa 30L hydraulic oil to asphalt, cleaned/contained				
22	1 of 1	NE/162.5	93.9 / 0.00	ON	BORE
Borehole ID:	805518			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	434355.41			Northing::	5019066.52
Location Accuracy::				Orig. Ground Elev m::	92
Elev. Reliability Note::				DEM Ground Elev m::	91.8
Total Depth m::	3.7			Primary Name::	BH.3
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	26-MAY-1988			Static Water Level::	.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218585081			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Asphalt
Stratum ID:	218585082			Top Depth(m):	0.1
Bottom Depth(m):	0.9			Stratum Desc:	Brown Fill-Misc Sand - Gravel
Stratum ID:	218585083			Top Depth(m):	0.9
Bottom Depth(m):	3.7			Stratum Desc:	Grey-Brown Very Stiff Weathered Crust Silty Clay
23	1 of 2	SSW/167.7	95.9 / 2.00	ON	BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	610687			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	434146			Northing::	5018707
Location Accuracy::				Orig. Ground Elev m::	93
Elev. Reliability Note::				DEM Ground Elev m::	93.9
Total Depth m::	16.8			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	JUL-1958			Static Water Level::	-4.3
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218386187			Top Depth(m):	0.0
Bottom Depth(m):	6.1			Stratum Desc:	CLAY.
Stratum ID:	218386188			Top Depth(m):	6.1
Bottom Depth(m):	16.8			Stratum Desc:	SANDSTONE. 00050VEL. BEDROCK. WATER STABLE AT 319.2 FEET.070ED. BEDROCK,DOLOMITE FINE.

23	2 of 2	SSW/167.7	95.9 / 2.00	lot 35 con 5 ON	WWIS
Well ID:	1506359			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Irrigation			Date Received:	10/6/1958
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1301
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	035
Well Depth:				Concession:	05
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10028402			Elevation:	93.87
DP2BR:	20			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	434145.6
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5018707
Cluster Kind:				UTMRC:	5
Date Completed:	08-JUL-58			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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004356			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
Formation ID:		931004357			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506359			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576972			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049549			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930049550			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991506359			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:		20			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933460490			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

[24](#) 1 of 1 **ESE/171.2** **93.9 / 0.00** **lot 35 con 5
NEPEAN ON** **WWIS**

Well ID:	7165299	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	7/15/2011
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:	Z119791	Owner:	
Tag:		Street Name:	138 ROBERSON ROAD
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	035
Well Depth:		Concession:	05
Overburden/Bedrock:		Concession Name:	RF
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: 1003533936 **Elevation:** 92.87

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	434453
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5018899
Cluster Kind:				UTMRC:	3
Date Completed:	04-MAY-11			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:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003884130			
Layer:		1			
Plug From:		0			
Plug To:		42			
Plug Depth UOM:		ft			
Plug ID:		1003884131			
Layer:		1			
Plug From:		42			
Plug To:		8			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003884129			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003884123			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003884127			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003884128			
Layer:					
Slot:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter:					
<u>Water Details</u>					
Water ID: 1003884126 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1003884125 Diameter: Depth From: Depth To: Hole Depth UOM: ft Hole Diameter UOM: inch					
25	1 of 6	ESE/174.6	94.9 / 1.00	Robertson Appletree Ltd. 4-2150 Robertson rd Ottawa ON K2H 9S1	GEN
Generator No.: ON4989248 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: Phone No. Admin:					
--Details--					
Waste Code: 261 Waste Description: PHARMACEUTICALS Waste Code: 312 Waste Description: PATHOLOGICAL WASTES					
25	2 of 6	ESE/174.6	94.9 / 1.00	Robertson Appletree Ltd. 4-2150 Robertson rd Ottawa ON K2H 9S1	GEN
Generator No.: ON4989248 Status: Approval Years: 2015 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: Phone No. Admin:					
--Details--					
Waste Code: 261 Waste Description: PHARMACEUTICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
25	3 of 6	ESE/174.6	94.9 / 1.00	Robertson Appletree Ltd. 4-2150 Robertson rd Ottawa ON K2H 9S1	GEN
Generator No.:	ON4989248			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No. Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
--Details--					
Waste Code:		312			
Waste Description:		PATHOLOGICAL WASTES			
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
25	4 of 6	ESE/174.6	94.9 / 1.00	Robertson Appletree Ltd. 4-2150 Robertson rd Ottawa ON K2H 9S1	GEN
Generator No.:	ON4989248			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		261 A			
Waste Description:		Pharmaceuticals			
Waste Code:		312 P			
Waste Description:		Pathological wastes			
25	5 of 6	ESE/174.6	94.9 / 1.00	Robertson Appletree Ltd. 4-2150 Robertson rd Ottawa ON	GEN
Generator No.:	ON4989248			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	621110				
SIC Description:	OFFICES OF PHYSICIANS				
--Details--					
Waste Code:		261			
Waste Description:		PHARMACEUTICALS			
Waste Code:		312			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		PATHOLOGICAL WASTES			
25	6 of 6	ESE/174.6	94.9 / 1.00	Bells Corner Appletree 4-2150 Robertson rd Ottawa ON	GEN
Generator No.:	ON4989248			PO Box No.:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	621110				
SIC Description:	Offices of Physicians				
26	1 of 1	ESE/180.5	93.8 / -0.08	2144 & 2150 Robertson Road (Formerly 144 & 150) Ottawa ON K2H 9S1	EHS
Order ID:	469817			Date Received:	18-JUL-16
Order No:	20160718143			Lot/Building Size:	
Customer ID:	96228			Municipality:	
Company ID:	20683			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-75.836145
Report Date:	25-JUL-16			Y:	45.319816
Report Requested by:	Premier Environmental Services Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
27	1 of 2	WSW/196.3	90.9 / -2.96	ON	BORE
Borehole ID:	610694			Type:	Borehole
Use:				Status:	
Drill Method::				UTM Zone::	18
Easting::	434021			Northing::	5018852
Location Accuracy::				Orig. Ground Elev m::	91.4
Elev. Reliability Note::				DEM Ground Elev m::	92.3
Total Depth m::	13.7			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	JUL-1961			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218386209			Top Depth(m):	0.0
Bottom Depth(m):	8.5			Stratum Desc:	CLAY,SOIL.
Stratum ID:	218386210			Top Depth(m):	8.5
Bottom Depth(m):	13.7			Stratum Desc:	SANDSTONE. 00038AY,TILL. BROWN. BEDROCK. D. SAND,SILT-FINE. GREY,BROWN,DENSE. SAN
27	2 of 2	WSW/196.3	90.9 / -2.96	lot 8 con 2 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1503992			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	8/17/1961
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	008
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	OF
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:	10026035	Elevation:	92.29
DP2BR:	28	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434020.6
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	5018852
Cluster Kind:		UTMRC:	5
Date Completed:	14-JUL-61	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:	930998109
Layer:	2
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	28
Formation End Depth:	45
Formation End Depth UOM:	ft
Formation ID:	930998108
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	02
Other Materials:	TOPSOIL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961503992			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574605			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044803			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930044804			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		45			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503992			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933457032			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		38			
Water Found Depth UOM:		ft			
28	1 of 1	NNE/201.5	92.9 / -1.00	20 Fitzgerald Rd Ottawa ON K2H8R6	EHS
Order ID:	482552			Date Received:	19-OCT-16
Order No:	20161019039			Lot/Building Size:	
Customer ID:	135488			Municipality:	
Company ID:	77			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-75.837747
Report Date:	24-OCT-16			Y:	45.322939
Report Requested by:	Pinchin Ltd.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
29	1 of 1	SSW/204.8	94.8 / 0.97	190-194 Robertson Road Ottawa ON	EHS
Order ID:	108975			Date Received:	8/3/2007
Order No:	20070803005			Lot/Building Size:	
Customer ID:	59147			Municipality:	
Company ID:	77			Client Prov/State:	
Status:	C			Search Radius (km):	0.25
Report Code:	4CAN			Large Radius:	2
Report Type:	CAN - Custom Report			X:	-75.840724
Report Date:	8/9/2007			Y:	45.318532
Report Requested by:	Pinchin Environmental				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans				
30	1 of 4	NNE/205.9	92.4 / -1.46	DY-4 SYSTEMS INC. 21 FITZGERALD ROAD NEPEAN ON K2H 9G1	GEN
Generator No.:	ON0013300			PO Box No.:	
Status:				Country:	
Approval Years:	98,99,00,01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	3359				
SIC Description:	OTHER COMMUN. & ELE.				
--Details--					
Waste Code:	211				
Waste Description:	AROMATIC SOLVENTS				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	241				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
30	2 of 4	NNE/205.9	92.4 / -1.46	DY-4 SYSTEMS INC. 21 FITZGERALD RD. NEPEAN ON K2H 9J4	GEN
Generator No.:		ON0013300		PO Box No.:	
Status:				Country:	
Approval Years:		88,89,90		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		3359			
SIC Description:		OTHER COMMUN. & ELE.			
--Details--					
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
30	3 of 4	NNE/205.9	92.4 / -1.46	DY-4 SYSTEMS INC. 21 FITZGERALD RD. NEPEAN ON K2H 9J4	13-316 GEN
Generator No.:		ON0013300		PO Box No.:	
Status:				Country:	
Approval Years:		92,93,94,95,96,97		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		3359			
SIC Description:		OTHER COMMUN. & ELE.			
--Details--					
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		253			
Waste Description:		EMULSIFIED OILS			
Waste Code:		211			
Waste Description:		AROMATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
30	4 of 4	NNE/205.9	92.4 / -1.46	DY 4 SYSTEMS INC 21 FITZGERALD RD NEPEAN ON K2H 9J4	SCT
Established:		1979			
Plant Size (ft²):		185			
Employment:					
--Details--					
Description:		ELECTRONIC COMPUTERS			
SIC/NAICS Code:		3571			
31	1 of 2	E/218.5	92.8 / -1.03	894794 ONT. LTD. 138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	GEN
Generator No.:		ON1863000		PO Box No.:	
Status:				Country:	
Approval Years:		94,95,96,97,98		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		8661			
SIC Description:		CHIRO./OSTEOPATHS			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
31	2 of 2	E/218.5	92.8 / -1.03	894794 ONTARIO LD. 138 ROBERTSON ROAD BELLS CORNERS ON K2H 5Z1	GEN
Generator No.:		ON1863000		PO Box No.:	
Status:				Country:	
Approval Years:		99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:		8661			
SIC Description:		CHIRO./OSTEOPATHS			
--Details--					
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
32	1 of 4	SSW/223.6	96.8 / 2.95	BELLS CORNERS ANIMAL HOSPITAL BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	GEN
Generator No.:		ON0706301		PO Box No.:	
Status:				Country:	Canada
Approval Years:		2015		Choice of Contact:	CO_OFFICIAL
Contam. Facility:		No		Co Admin:	ED COTTELL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: SIC Code: SIC Description:	No 541940			Phone No. Admin: 6138201641 Ext.	
		VETERINARY SERVICES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
Waste Code: Waste Description:		264 PHOTOPROCESSING WASTES			
32	2 of 4	SSW/223.6	96.8 / 2.95	BELLS CORNERS ANIMAL HOSPITAL BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0706301 2014 No No 541940			PO Box No.: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: ED COTTELL Phone No. Admin: 6138201641 Ext.	
		VETERINARY SERVICES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
Waste Code: Waste Description:		264 PHOTOPROCESSING WASTES			
32	3 of 4	SSW/223.6	96.8 / 2.95	BELLS CORNERS ANIMAL HOSPITAL BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0706301 2016 No No 541940			PO Box No.: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: ED COTTELL Phone No. Admin: 6138201641 Ext.	
		VETERINARY SERVICES			
--Details--					
Waste Code: Waste Description:		312 PATHOLOGICAL WASTES			
Waste Code: Waste Description:		264 PHOTOPROCESSING WASTES			
32	4 of 4	SSW/223.6	96.8 / 2.95	BELLS CORNERS ANIMAL HOSPITAL BELLS CORNERS ANIMAL HOSPITAL 2194 Roberston Road NEPEAN ON K2h 9j5	GEN
Generator No.: Status:	ON0706301 Registered			PO Box No.: Country: Canada	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: As of Dec 2017 Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Choice of Contact: Co Admin: Phone No. Admin:	
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
Waste Code:		261 A			
Waste Description:		Pharmaceuticals			
33	1 of 1	NE/223.6	92.9 / -1.00	20 Fitzgerald Rd Ottawa ON K2H8R6	EHS
Order ID:		444784		Date Received: 22-FEB-16	
Order No:		20160222011		Lot/Building Size:	
Customer ID:		9331		Municipality: Ottawa	
Company ID:		232		Client Prov/State: ON	
Status:		C		Search Radius (km): .25	
Report Code:		27CAN		Large Radius: 2	
Report Type:		Standard Express Report		X: -75.837542	
Report Date:		22-FEB-16		Y: 45.323087	
Report Requested by:		Briggs Canada Ltd.			
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
34	1 of 4	E/227.7	92.8 / -1.03	Rexall Pharmacy Group Ltd. 2144 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:		ON4438178		PO Box No.:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2017		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		312 P			
Waste Description:		Pathological wastes			
Waste Code:		261 A			
Waste Description:		Pharmaceuticals			
34	2 of 4	E/227.7	92.8 / -1.03	Pharmx Rexall Drug Stores Ltd. 2144 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:		ON4438178		PO Box No.:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Erik Botines	
MHSW Facility:		No		Phone No. Admin: 9055017800 Ext.	
SIC Code:		446110			
SIC Description:		446110			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
			312		
			PATHOLOGICAL WASTES		
34	3 of 4	E/227.7	92.8 / -1.03	Pharmx Rexall Drug Stores Ltd. 2144 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4438178			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Jennifer Lamch
MHSW Facility:	No			Phone No. Admin:	9055017800 Ext.6178
SIC Code:	446110				
SIC Description:	446110				
--Details--					
			312		
			PATHOLOGICAL WASTES		
34	4 of 4	E/227.7	92.8 / -1.03	Rexall Pharmacy Group Ltd. 2144 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4438178			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Erik Botines
MHSW Facility:	No			Phone No. Admin:	9055017800 Ext.
SIC Code:	446110				
SIC Description:	446110				
--Details--					
			261		
			PHARMACEUTICALS		
			312		
			PATHOLOGICAL WASTES		
35	1 of 1	NNE/235.2	92.9 / -1.00	NORTEL TECHNOLOGY 20 FITZGERALD ROAD NEPEAN CITY ON K2H 8R6	CA
Certificate #:	8-4091-97-				
Application Year:	97				
Issue Date:	7/31/1997				
Approval Type:	Industrial air				
Status:	Approved				
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::	COMMERCIAL KITCHEN EXHAUST SYSTEM				
Contaminants::					
Emission Control::					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	1 of 3	SW/242.3	90.9 / -2.95	Ottawa Fasteners Supply 2205 Roberston rd. ottawa ON K2H 5Z2	GEN
Generator No.:	ON4969315			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No. Admin:	
SIC Code:	453999				
SIC Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT BEER AND WINE-MAKING SUPPLIES STORES)				
--Details--					
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				

36	2 of 3	SW/242.3	90.9 / -2.95	Ottawa Fasteners Supply 2205 Roberston rd. ottawa ON K2H 5Z2	GEN
Generator No.:	ON4969315			PO Box No.:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	212 I				
Waste Description:	Aliphatic solvents and residues				
Waste Code:	252 L				
Waste Description:	Waste crankcase oils and lubricants				
Waste Code:	145 I				
Waste Description:	Wastes from the use of pigments, coatings and paints				
Waste Code:	263 I				
Waste Description:	Misc. waste organic chemicals				
Waste Code:	331 I				
Waste Description:	Waste compressed gases including cylinders				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		221 I			
Waste Description:		Light fuels			
Waste Code:		263 L			
Waste Description:		Misc. waste organic chemicals			
Waste Code:		213 I			
Waste Description:		Petroleum distillates			

36	3 of 3	SW/242.3	90.9 / -2.95	Ottawa Fasteners Supply 2205 Roberston rd. ottawa ON K2H 5Z2	GEN
Generator No.:	ON4969315			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No. Admin:	
SIC Code:	453999				
SIC Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT BEER AND WINE-MAKING SUPPLIES STORES)				
--Details--					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	221				
Waste Description:	LIGHT FUELS				

37	1 of 1	E/249.9	92.9 / -0.96	lot 9 con 2 ON	WWIS
Well ID:	1515898			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	5/10/1977
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
Well Depth:				Concession:	02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: OF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 10037837 DP2BR: 39 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 22-APR-77 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 92.13 Elevrc: Zone: 18 East83: 434490.6 Org CS: North83: 5019002 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931030556 Layer: 4 Color: 3 General Color: BLUE Mat1: 05 Most Common Material: CLAY Mat2: 11 Other Materials: GRAVEL Mat3: 13 Other Materials: BOULDERS Formation Top Depth: 36 Formation End Depth: 39 Formation End Depth UOM: ft					
Formation ID: 931030553 Layer: 1 Color: 2 General Color: GREY Mat1: 11 Most Common Material: GRAVEL Mat2: 01 Other Materials: FILL Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 2 Formation End Depth UOM: ft					
Formation ID: 931030557 Layer: 5 Color: 2 General Color: GREY Mat1: 18 Most Common Material: SANDSTONE Mat2: 73 Other Materials: HARD					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materials:					
Formation Top Depth:		39			
Formation End Depth:		135			
Formation End Depth UOM:		ft			
Formation ID:		931030554			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
Formation ID:		931030555			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		85			
Other Materials:		SOFT			
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515898			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586407			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930066654			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930066653			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:	1				
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	41				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991515898				
Pump Set At:					
Static Level:	30				
Final Level After Pumping:	70				
Recommended Pump Depth:	75				
Pumping Rate:	8				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934897653				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	70				
Test Level UOM:	ft				
Pump Test Detail ID:	934101459				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	70				
Test Level UOM:	ft				
Pump Test Detail ID:	934378650				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	70				
Test Level UOM:	ft				
Pump Test Detail ID:	934639751				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	70				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933472088				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	133				
Water Found Depth UOM:	ft				
Water ID:	933472087				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:	1 1 FRESH 122 ft				
38	1 of 5	ENE/259.8	92.9 / -1.00	CANADIAN TIRE CORPORATION, LIMITED 2135 ROBERTSON RD NEPEAN ON K2H 5Z2	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:	11351944 FS Liquid Fuel Tank Gasoline Active 22700 Fiberglass (FRP) Fiberglass Single Wall UST 1988 FS Gasoline Station - Self Serve FS Liquid Fuel Tank				
38	2 of 5	ENE/259.8	92.9 / -1.00	CANADIAN TIRE CORPORATION, LIMITED 2135 ROBERTSON RD NEPEAN ON K2H 5Z2	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:	11351966 FS Liquid Fuel Tank Gasoline Active 22700 Fiberglass (FRP) Fiberglass Single Wall UST 1988 FS Gasoline Station - Self Serve FS Liquid Fuel Tank				
38	3 of 5	ENE/259.8	92.9 / -1.00	CANADIAN TIRE CORPORATION, LIMITED 2135 ROBERTSON RD NEPEAN ON K2H 5Z2	FST
Instance No: Cont Name: Instance Type: Fuel Type: Status: Capacity: Tank Material: Corrosion Protection: Tank Type: Install Year: Parent Facility Type: Facility Type:	11351923 FS Liquid Fuel Tank Gasoline Active 22700 Fiberglass (FRP) Fiberglass Single Wall UST 1988 FS Gasoline Station - Self Serve FS Liquid Fuel Tank				
38	4 of 5	ENE/259.8	92.9 / -1.00	CANADIAN TIRE CORPORATION, LIMITED 2135 ROBERTSON RD NEPEAN ON K2H 5Z2	FST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No: 11351904 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 22700 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Single Wall UST Install Year: 1988 Parent Facility Type: FS Gasoline Station - Self Serve Facility Type: FS Liquid Fuel Tank					
38	5 of 5	ENE/259.8	92.9 / -1.00	TEX-DON LTD 2135 ROBERTSON RD NEPEAN ON K2H5Z2	PES
Licence No: 14334 Detail Licence No: Licence Type Code: 23 Licence Type: Active Limited Vendors Licence Class: 01 Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County:					
Operator Box: Operator Class: Operator No: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: 613 Ext: Oper Phone No: 8299580 Proponent Ext:					
39	1 of 1	ENE/268.5	92.7 / -1.20	101 ROBERTSON RD (INCL 85 ROBERTSON RD, FORMER ADDRESS) OTTAWA ON	EHS
Order ID: 181998 Order No: 20110113038 Customer ID: 45487 Company ID: 313 Status: C Report Code: 1CAN Report Type: Site Report Report Date: 1/14/2011 Report Requested by: SCM Risk Management Services Inc. Nearest Intersection: Previous Site Name: Additional Info Ordered:					
Date Received: 1/13/2011 3:55:54 PM Lot/Building Size: Municipality: Client Prov/State: ON Search Radius (km): 0.25 Large Radius: 2 X: -75.835951 Y: 45.321917					
40	1 of 1	S/269.3	99.0 / 5.08	SHELL CANADA PRODUCTS LTD. 20 OBERON STREET TANK TRUCK (CARGO) NEPEAN CITY ON K2H 7X7	SPL
Ref No: 119829 Site No: Incident Dt: // Year: Incident Cause: CONTAINER OVERFLOW Incident Event: Contaminant Code: Contaminant Name:					
Discharger Report: Material Group: Client Type: Sector Type: Source Type: Nearest Watercourse: Site Name: Site Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Environment Impact: CONFIRMED Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/19/1995 Dt Document Closed: Agency Involved: SAC Action Class: Incident Reason: ERROR Incident Summary: SHELL: 112 L OF FURNACE OIL TO GROUND & BASEMENT OF PRIVATE RESIDENCE.				Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: 20104 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:	
41	1 of 2	SSW/271.5	98.0 / 4.08	ON	BORE
Borehole ID: 610682 Use: Drill Method:: Easting:: 434086 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 37.8 Township:: Lot:: Completion Date:: AUG-1959 Primary Water Use::				Type: Borehole Status:: UTM Zone:: 18 Northing:: 5018622 Orig. Ground Elev m:: 94.5 DEM Ground Elev m:: 94.3 Primary Name:: Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use::	
--Details--					
Stratum ID: 218386173 Bottom Depth(m): 2.7				Top Depth(m): 0.0 Stratum Desc: SILT.	
Stratum ID: 218386174 Bottom Depth(m): 37.8				Top Depth(m): 2.7 Stratum Desc: SANDSTONE. 00060UE. SANDSTONE. GREY. 00090. 0003505000070ED. BEDROCK,DOLOMITE FINE.	
41	2 of 2	SSW/271.5	98.0 / 4.08	lot 35 con 5 ON	WWIS
Well ID: 1506362 Construction Date: Primary Water Use: Irrigation 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:				Data Entry Status: Data Src: 1 Date Received: 1/19/1960 Selected Flag: Yes Abandonment Rec: Contractor: 3701 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: 035 Concession: 05 Concession Name: RF Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10028405			Elevation:	94.27
DP2BR:	9			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	434085.6
Code OB Desc:	Bedrock			Org CS:	
Open Hole:				North83:	5018622
Cluster Kind:				UTMRC:	5
Date Completed:	27-AUG-59			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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004363				
Layer:	2				
Color:					
General Color:					
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	9				
Formation End Depth:	124				
Formation End Depth UOM:	ft				
Formation ID:	931004362				
Layer:	1				
Color:					
General Color:					
Mat1:	06				
Most Common Material:	SILT				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	9				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506362				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10576975			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049555			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		14			
Casing Diameter:		10			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930049556			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		124			
Casing Diameter:		10			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506362			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		30			
Recommended Pump Depth:		30			
Pumping Rate:		45			
Flowing Rate:					
Recommended Pump Rate:		45			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933460493			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
Water ID:		933460494			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		124			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 1	ENE/271.7	92.6 / -1.31	101 Robertson Rd Nepean ON K2H 5Z2	EHS
Order ID:	74693			Date Received:	4/19/2006
Order No:	20060419030			Lot/Building Size:	
Customer ID:	44127			Municipality:	
Company ID:	152			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	3CAN			Large Radius:	2
Report Type:	Complete Report			X:	-75.836711
Report Date:	4/28/2006			Y:	45.321037
Report Requested by:	Malroz Engineering Inc.				
Nearest Intersection:	Robertson Rd and Fitzgerald Rd				
Previous Site Name:					
Additional Info Ordered:	Title Search; Aerials Photos				
43	1 of 1	ENE/275.5	92.6 / -1.31	lot 10 con 2 ON	WWIS
Well ID:	7101557			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Not Used			Date Received:	1/23/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7004
Casing Material:				Form Version:	3
Audit No:	Z15902			Owner:	
Tag:	A002873			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1001486283			Elevation:	91.63
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	434483
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5019069
Cluster Kind:				UTMRC:	3
Date Completed:	14-NOV-07			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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1001595450			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.3			
Formation End Depth UOM:		m			
Formation ID:		1001595451			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		1.3			
Formation End Depth:		2.5			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001595453			
Layer:		1			
Plug From:		0			
Plug To:		.25			
Plug Depth UOM:		m			
Plug ID:		1001595454			
Layer:		2			
Plug From:		.25			
Plug To:		1.15			
Plug Depth UOM:		m			
Plug ID:		1001595455			
Layer:		3			
Plug From:		1.15			
Plug To:		2.53			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001595460			
Method Construction Code:		A			
Method Construction:		Digging			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001595449			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Casing

Casing ID: 1001595457
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 1.3
Casing Diameter: 5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001595458
Layer: 1
Slot: 10
Screen Top Depth: 1.3
Screen End Depth: 2.5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5

Water Details

Water ID: 1001595456
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001595452
Diameter: 200
Depth From: 0
Depth To: 2.5
Hole Depth UOM: m
Hole Diameter UOM: cm

44	1 of 4	E/277.5	91.9 / -2.00	130 Robertson Road Ottawa ON	EHS
Order ID:	151194			Date Received:	9/16/2008
Order No:	20080916005			Lot/Building Size:	
Customer ID:	70787			Municipality:	
Company ID:	77			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	4CAN			Large Radius:	2
Report Type:	Custom Report			X:	-75.835232
Report Date:	9/24/2008			Y:	45.321171
Report Requested by:	Pinchin Environmental				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	2 of 4	E/277.5	91.9 / -2.00	Lifesource Medical Centre 130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	621110, 621310, 621340				
SIC Description:	Offices of Physicians, Offices of Chiropractors, Offices of Physical Occupational and Speech Therapists and Audiologists				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
44	3 of 4	E/277.5	91.9 / -2.00	Lifesource Medical Centre 130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	621110, 621310, 621340				
SIC Description:	Offices of Physicians, Offices of Chiropractors, Offices of Physical Occupational and Speech Therapists and Audiologists				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
44	4 of 4	E/277.5	91.9 / -2.00	DEFALCOS FOR BREWERS 130 ROBERTSON RD NEPEAN ON K2H 5Z1	SCT
Established:					
Plant Size (ft²):	0				
Employment:	10				
--Details--					
Description:	NONDURABLE GOODS, N.E.C.				
SIC/NAICS Code:	5199				
45	1 of 1	E/279.4	91.9 / -2.00	85 Robertson Road Ottawa ON K2H 5Z2	EHS
Order ID:	135461			Date Received:	4/24/2008
Order No:	20080424035			Lot/Building Size:	
Customer ID:	70567			Municipality:	
Company ID:	152			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	3CAN			Large Radius:	2
Report Type:	Complete Report			X:	-75.835374
Report Date:	5/5/2008			Y:	45.321505
Report Requested by:	Malroz Engineering Inc.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nearest Intersection:		Robertson Road and Moodie Drive			
Previous Site Name:					
Additional Info Ordered:		Fire Insur. Maps And /or Site Plans; Title Search; Aerials Photos			
46	1 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 85 ROBERTSON RD NEPEAN ON	EXP
Instance No:		11300537			
Instance ID:		77947			
Instance Type:		FS Propane Tank			
Description:		FS Propane Tank			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
46	2 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr** 85 ROBERTSON RD NEPEAN ON	EXP
Instance No:		11619712			
Instance ID:		94068			
Instance Type:		FS Propane Tank			
Description:		FS Propane Tank			
Status:		EXPIRED			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
46	3 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE CORP LTD ** 85 ROBERTSON RD NEPEAN ON K2H 5Z2	FSTH
License Issue Date:		9/3/2002			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Retail Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
--Details--					
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
46	4 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE CORP LTD C/O Canadian Tire Petroleum 17 Flr 85 ROBERTSON RD NEPEAN ON K2H 5Z2	FSTH
License Issue Date:		9/3/2002			
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:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1988			
Corrosion Protection:					
Capacity:		27000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Year of Installation: Corrosion Protection: Capacity: Tank Fuel Type:		Active 1988 27000 Liquid Fuel Single Wall UST - Gasoline			
46	5 of 28	ENE/282.0	92.9 / -1.00	Canadian Tire 85 Robertson Rd Nepean ON K2H 5Z2	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5700027 02,03 		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
--Details--					
Waste Code: Waste Description:		145 PAINT/PIGMENT/COATING RESIDUES			
46	6 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H-5Z2	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5700027 Registered As of Dec 2017 		PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	Canada
--Details--					
Waste Code: Waste Description:		145 I Wastes from the use of pigments, coatings and paints			
Waste Code: Waste Description:		148 C Misc. wastes and inorganic chemicals			
Waste Code: Waste Description:		263 I Misc. waste organic chemicals			
Waste Code: Waste Description:		242 A Halogenated pesticides and herbicides			
Waste Code: Waste Description:		331 I Waste compressed gases including cylinders			
Waste Code: Waste Description:		148 I Misc. wastes and inorganic chemicals			
Waste Code: Waste Description:		212 L Aliphatic solvents and residues			
46	7 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H 5Z2	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	441320				
SIC Description:		Tire Dealers			
--Details--					
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		147			
Waste Description:		CHEMICAL FERTILIZER WASTES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			

46	8 of 28	ENE/282.0	92.9 / -1.00	Canadian Tire #272 85 Robertson Rd Nepean ON K2H 5Z2	GEN
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Generator No.:	ON5700027	PO Box No.:
Status:		Country:
Approval Years:	07,08	Choice of Contact:
Contam. Facility:		Co Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:				Phone No. Admin:	
SIC Code:	441320				
SIC Description:		Tire Dealers			
--Details--					
Waste Code:			112		
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:			122		
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:			145		
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:			147		
Waste Description:		CHEMICAL FERTILIZER WASTES			
Waste Code:			148		
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:			213		
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:			221		
Waste Description:		LIGHT FUELS			
Waste Code:			242		
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:			251		
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:			252		
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:			262		
Waste Description:		DETERGENTS/SOAPS			
Waste Code:			263		
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:			331		
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:			222		
Waste Description:		HEAVY FUELS			

46	9 of 28	ENE/282.0	92.9 / -1.00	LINIS Sales Inc. 85 Robertson Rd Nepean ON K2H 5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	
Approval Years:	04,05,06			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	441320				
SIC Description:		Tire Dealers			
--Details--					
Waste Code:			145		
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 263 Waste Description: ORGANIC LABORATORY CHEMICALS	
46	10 of 28	ENE/282.0	92.9 / -1.00	Canadian Tire Real Estate Ltd. 85 Robertson Road Ottawa ON K2H 5Z2	GEN
				Generator No.: ON3961867 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 441790 SIC Description: 441790 PO Box No.: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Keith Brown Phone No. Admin: 613-745-6471 Ext.225	
				--Details-- Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 251 Waste Description: OIL SKIMMINGS & SLUDGES	
46	11 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H 5Z2	GEN
				Generator No.: ON5700027 Status: Approval Years: 2009 Contam. Facility: MHSW Facility: SIC Code: 441320 SIC Description: Tire Dealers PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
				--Details-- Waste Code: 112 Waste Description: ACID WASTE - HEAVY METALS Waste Code: 122 Waste Description: ALKALINE WASTES - OTHER METALS Waste Code: 145 Waste Description: PAINT/PIGMENT/COATING RESIDUES Waste Code: 221 Waste Description: LIGHT FUELS Waste Code: 147 Waste Description: CHEMICAL FERTILIZER WASTES Waste Code: 148 Waste Description: INORGANIC LABORATORY CHEMICALS Waste Code: 213 Waste Description: PETROLEUM DISTILLATES Waste Code: 222	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		HEAVY FUELS			
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			

<u>46</u>	12 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H-5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Matt Gunness
MHSW Facility:	No			Phone No. Admin:	905-795-3339 Ext.
SIC Code:	441320				
SIC Description:	TIRE DEALERS				
--Details--					
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
Waste Code:	222				
Waste Description:	HEAVY FUELS				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	262				
Waste Description:	DETERGENTS/SOAPS				
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	147				
Waste Description:	CHEMICAL FERTILIZER WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			

46	13 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	441320				
SIC Description:	TIRE DEALERS				
--Details--					
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		147			
Waste Description:		CHEMICAL FERTILIZER WASTES			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			

46	14 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H 5Z2	GEN
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Generator No.:	ON5700027	PO Box No.:	
Status:		Country:	
Approval Years:	2012	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No. Admin:	
SIC Code:	441320		
SIC Description:	Tire Dealers		

--Details--

Waste Code:	147	
Waste Description:	CHEMICAL FERTILIZER WASTES	
Waste Code:	148	
Waste Description:	INORGANIC LABORATORY CHEMICALS	
Waste Code:	221	
Waste Description:	LIGHT FUELS	
Waste Code:	145	
Waste Description:	PAINT/PIGMENT/COATING RESIDUES	
Waste Code:	112	
Waste Description:	ACID WASTE - HEAVY METALS	
Waste Code:	212	
Waste Description:	ALIPHATIC SOLVENTS	
Waste Code:	122	
Waste Description:	ALKALINE WASTES - OTHER METALS	
Waste Code:	262	
Waste Description:	DETERGENTS/SOAPS	
Waste Code:	263	
Waste Description:	ORGANIC LABORATORY CHEMICALS	
Waste Code:	251	
Waste Description:	OIL SKIMMINGS & SLUDGES	
Waste Code:	213	
Waste Description:	PETROLEUM DISTILLATES	
Waste Code:	252	
Waste Description:	WASTE OILS & LUBRICANTS	
Waste Code:	242	
Waste Description:	HALOGENATED PESTICIDES	
Waste Code:	222	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		HEAVY FUELS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
46	15 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H-5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Matt Gunness
MHSW Facility:	No			Phone No. Admin:	905-795-3339 Ext.
SIC Code:	441320				
SIC Description:	TIRE DEALERS				
--Details--					
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	147				
Waste Description:	CHEMICAL FERTILIZER WASTES				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	222				
Waste Description:	HEAVY FUELS				
Waste Code:	122				
Waste Description:	ALKALINE WASTES - OTHER METALS				
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	262				
Waste Description:	DETERGENTS/SOAPS				
Waste Code:	112				
Waste Description:	ACID WASTE - HEAVY METALS				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	242				
Waste Description:	HALOGENATED PESTICIDES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	16 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE 85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	
Approval Years:	01			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	6111				
SIC Description:	SHOE STOES				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
46	17 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H-5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Matt Gunness
MHSW Facility:	No			Phone No. Admin:	905-795-3339 Ext.
SIC Code:	441320				
SIC Description:	TIRE DEALERS				
--Details--					
Waste Code:	147				
Waste Description:	CHEMICAL FERTILIZER WASTES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	263				
Waste Description:	ORGANIC LABORATORY CHEMICALS				
Waste Code:	262				
Waste Description:	DETERGENTS/SOAPS				
Waste Code:	212				
Waste Description:	ALIPHATIC SOLVENTS				
Waste Code:	148				
Waste Description:	INORGANIC LABORATORY CHEMICALS				
Waste Code:	221				
Waste Description:	LIGHT FUELS				
Waste Code:	331				
Waste Description:	WASTE COMPRESSED GASES				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	222				
Waste Description:	HEAVY FUELS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			

<u>46</u>	18 of 28	ENE/282.0	92.9 / -1.00	Tex-Don Ltd. 85 Robertson Rd Nepean ON K2H 5Z2	GEN
Generator No.:	ON5700027			PO Box No.:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	441320				
SIC Description:	Tire Dealers				
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		112			
Waste Description:		ACID WASTE - HEAVY METALS			
Waste Code:		122			
Waste Description:		ALKALINE WASTES - OTHER METALS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		262			
Waste Description:		DETERGENTS/SOAPS			
Waste Code:		242			
Waste Description:		HALOGENATED PESTICIDES			
Waste Code:		148			
Waste Description:		INORGANIC LABORATORY CHEMICALS			
Waste Code:		331			
Waste Description:		WASTE COMPRESSED GASES			
Waste Code:		222			
Waste Description:		HEAVY FUELS			
Waste Code:		212			
Waste Description:		ALIPHATIC SOLVENTS			
Waste Code:		221			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		LIGHT FUELS			
Waste Code:		147			
Waste Description:		CHEMICAL FERTILIZER WASTES			
Waste Code:		263			
Waste Description:		ORGANIC LABORATORY CHEMICALS			
46	19 of 28	ENE/282.0	92.9 / -1.00	TEX-DON LTD 85 ROBERTSON RD NEPEAN ON K2H 5Z2	PES
Licence No:		Operator Box:			
Detail Licence No:		Operator Class:			
Licence Type Code:		Operator No:			
Licence Type:		Operator Type: Vendor			
Licence Class:		Operator Lot:			
Licence Control:		Oper Concession:			
Trade Name:		Operator Region:			
Post Office Box:		Operator District:			
Lot:		Operator County:			
Concession:		Oper Phone Area Cd:			
Region:		Ext:			
District:		Oper Phone No:			
County:		Proponent Ext:			
46	20 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE STORE 272 / LINIS SALES INC 85 ROBERTSON RD NEPEAN ON K2H 5Z2	PES
Licence No:		Operator Box:			
Detail Licence No:		Operator Class:			
Licence Type Code: 23		Operator No:			
Licence Type: Limited Vendor		Operator Type:			
Licence Class:		Operator Lot:			
Licence Control:		Oper Concession:			
Trade Name:		Operator Region:			
Post Office Box:		Operator District:			
Lot:		Operator County:			
Concession:		Oper Phone Area Cd:			
Region:		Ext:			
District:		Oper Phone No:			
County:		Proponent Ext:			
46	21 of 28	ENE/282.0	92.9 / -1.00	LINIS SALES INC CANADIAN TIRE STORE 272 85 ROBERTSON RD NEPEAN ON K2H 5Z2	PES
Licence No:		Operator Box:			
Detail Licence No:		Operator Class:			
Licence Type Code:		Operator No:			
Licence Type: Vendor		Operator Type:			
Licence Class:		Operator Lot:			
Licence Control:		Oper Concession:			
Trade Name:		Operator Region:			
Post Office Box:		Operator District:			
Lot:		Operator County:			
Concession:		Oper Phone Area Cd:			
Region:		Ext:			
District:		Oper Phone No:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County:				Proponent Ext:	
46	22 of 28	ENE/282.0	92.9 / -1.00	TEX-DON LTD 85 ROBERTSON RD NEPEAN ON K2H 5Z2	PES
Licence No:				Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:				Operator No:	
Licence Type:	Vendor			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone No:	
County:				Proponent Ext:	
46	23 of 28	ENE/282.0	92.9 / -1.00	LINIS SALES INC CANADIAN TIRE STORE 272 85 ROBERTSON RD NEPEAN ON K2H 5Z2	PES
Licence No:				Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:	23			Operator No:	
Licence Type:	Limited Vendor			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone No:	
County:				Proponent Ext:	
46	24 of 28	ENE/282.0	92.9 / -1.00	KEON, DES LTD. CANADIAN TIRE ASSOCIATES STORE 85 ROBERTSON ROAD NEPEAN ON K2H 5Z2	PES
Licence No:				Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:				Operator No:	
Licence Type:	Vendor			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone No:	
County:				Proponent Ext:	
46	25 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE STORE 272 /KAVANAGH INVESTMENTS LTD.	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				85 ROBERTSON RD NEPEAN ON K2H 5Z2	
Licence No:	05171			Operator Box:	
Detail Licence No:	23-01-05171-0			Operator Class:	
Licence Type Code:	23			Operator No:	
Licence Type:	Limited Vendor			Operator Type:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Trade Name:				Operator Region:	4
Post Office Box:				Operator District:	
Lot:				Operator County:	15
Concession:				Oper Phone Area Cd:	
Region:	4			Ext:	
District:				Oper Phone No:	
County:	15			Proponent Ext:	
46	26 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE CORP LTD PETROLEUM DIVISION - MELISS 85 ROBERTSON RD LOT 9 CON 2 NEPEAN ON	PRT
Location ID:	9649				
Type:	retail				
Expiry Date:	1995-10-31				
Capacity (L):	0				
Licence #:	0012228047				
46	27 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE GAS BAR 85 ROBERTSON RD NEPEAN ON K2H5Z2	RST
Headcode:	01186800				
Headcode Desc:	SERVICE STATIONS GASOLINE OIL & NATURAL				
Phone:	6138298944				
List Name:					
Description:					
46	28 of 28	ENE/282.0	92.9 / -1.00	CANADIAN TIRE GAS BAR 85 ROBERTSON RD NEPEAN ON K2H 5Z2	RST
Headcode:	01186800				
Headcode Desc:	SERVICE STATIONS-GASOLINE, OIL & NATURAL GAS				
Phone:					
List Name:					
Description:					
47	1 of 1	NNE/290.9	91.9 / -2.00	lot 9 con 2 ON	WWIS
Well ID:	1503995			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	12/19/1958
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	OF
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:	10026038	Elevation:	89.97
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434390.6
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	5019262
Cluster Kind:		UTMRC:	5
Date Completed:	28-NOV-58	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:	930998115
Layer:	2
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	198
Formation End Depth UOM:	ft
Formation ID:	930998114
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		961503995			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10574608			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930044810			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		198			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930044809			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991503995			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		100			
Recommended Pump Depth:					
Pumping Rate:		33			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933457035			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
48	1 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN; CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Mo Khosla
MHSW Facility:	No			Phone No. Admin:	613-828-4816 Ext.
SIC Code:	621110, 621310, 621340				
SIC Description:	OFFICES OF PHYSICIANS, 621310, 621340				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
48	2 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN; CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Mo Khosla
MHSW Facility:	No			Phone No. Admin:	613-828-4816 Ext.
SIC Code:	621110, 621310, 621340				
SIC Description:	OFFICES OF PHYSICIANS, 621310, 621340				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
48	3 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	621110, 621310, 621340				
SIC Description:	Offices of Physicians, Offices of Chiropractors, Offices of Physical Occupational and Speech Therapists and Audiologists				
--Details--					
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
48	4 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON	GEN
Generator No.:	ON4992607			PO Box No.:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013 621110, 621310, 621340			Choice of Contact: Co Admin: Phone No. Admin:	
SIC Description:	OFFICES OF PHYSICIANS				
--Details--					
Waste Code: Waste Description:	312 PATHOLOGICAL WASTES				
48	5 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4992607 2015 No No 621110, 621310, 621340			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
	OFFICES OF PHYSICIANS, 621310, 621340			Canada CO_ADMIN; CO_OFFICIAL Mo Khosla 613-828-4816 Ext.	
--Details--					
Waste Code: Waste Description:	312 PATHOLOGICAL WASTES				
48	6 of 6	E/296.5	92.9 / -0.97	Lifesource Medical Centre 2130 Robertson Road Nepean ON K2H 5Z1	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4992607 Registered As of Dec 2017			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin:	
				Canada	
--Details--					
Waste Code: Waste Description:	312 P Pathological wastes				

Unplottable Summary

Total: **65** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	BEAVER LUMBER CO. LTD. - LOT 9/CONC. II	ROBERTSON ROAD	NEPEAN CITY ON	
CA	WEDGEWOOD BUILDING CORPORATION	ROBERTSON RD.	NEPEAN CITY ON	
CA	TONY GRAHAM MOTORS (1980) LIMITED	PART LOTS 8 & 9, CONC. 2	NEPEAN CITY ON	
CA	Canadian Tire Real Estate Limited		Ottawa ON	
CA	Canadian Tire Real Estate Limited		Ottawa ON	
CA	BEAVER LUMBER CO. LTD. - LOT 9/CONC. II	ROBERTSON ROAD	NEPEAN CITY ON	
CA	TERRACE INVESTMENTS LTD.	TERRACE DR.	NEPEAN ON	
CA	TERRACE INVESTMENTS LTD.	TERRACE DR.	NEPEAN ON	
CA	TERRACE INVESTMENT	WESTCLIFFE RD./EASEMENT	NEPEAN CITY ON	
CA	City Wye'd Electric Ltd.	Lot 8, Concession 2, Former Township of Huntley	Ottawa ON	
CA		Lot 10, Lot 11, Conc. 2, Stonebridge Subd.	Ottawa ON	
CA	Stonebridge Subdivision	Part of Lot 10, Concession 2	Ottawa ON	
CA	Stonebridge Subdivision	Part of Lot 10, Concession 2, Street No. 2	Ottawa ON	
CA		Lot 10 and 11, Concession 2	Ottawa ON	
CA		Lot 10, Lot 11, Conc. 2, Stonebridge Subd.	Ottawa ON	
CA	Landsdown Developments Limited	Lot 11 and Prt Lot 10, Reg. Plan No. 2545	Ottawa ON	
CA	Monarch Corporation	Lot 10, Conc. 2 (Rideau Front)	Ottawa ON	

CA	Monarch Construction Limited	Part of Lot 10, Concession 2	Ottawa ON	
CA	GREENSIDE CONSTRUCTION MANAGEMENT	STREET NO. 1&3 ROBERTSON CRT.	NEPEAN CITY ON	
CA	Canadian Tire Real Estate Limited		Ottawa ON	
EBR	DY 4 Systems Inc.	Ottawa K2V 1A6 Lot:Part of 1 Concession:2 CITY OF OTTAWA	ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	M2N 6Y2
ECA	Canadian Tire Real Estate Limited		Ottawa ON	M4P 2V8
ECA	City of Ottawa	Lot 10, Concession 2	Ottawa ON	K1P 1J1
EXP	JACK MAY PONTIAC BUICK LTD	LOT 9 CON 2	NEPEAN ON	
GEN	Shell Canada Products	Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport	Ottawa ON	
GEN	CITY OF OTTAWA	LOT 10, CONSESSION 2	OTTAWA ON	K1P 1J1
GEN	Canadian Tire Real Estate Limited	Street Right of Way Near 109 Richmond Road	Ottawa ON	K1Z 6V8
GEN	Shell Canada Products	Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport	Ottawa ON	
GEN	Shell Canada Products	Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport	Ottawa ON	
NPCB	OLYMPIA & YORK DEVELOPMENTS LTD.	SHELL CENTER	OTTAWA ON	
PRT	JACK MAY PONTIAC BUICK LTD	LOT 9 CON 2	NEPEAN ON	
RST	CANADIAN TIRE PIT STOP & PROPANE		OTTAWA ON	K2H5Z2
RST	CANADIAN TIRE PIT STOP & PROPANE		OTTAWA ON	K2H 5Z2
SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON	
SPL	Shell Canada Products Limited	Shell Aerocentre at Ottawa Airport<UNOFFICIAL>	Ottawa ON	
SPL	SHELL CANADA PRODUCTS LTD.	SHELL AERO CENTER BULK PLANT (N.O.S.)	OTTAWA CITY ON	
SPL	CANADIAN TIRE CORPORATION LTD.	SAWMILL CREEK RETAIL STORE	OTTAWA CITY ON	

SPL	SHELL CANADA PRODUCTS LTD.	NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION	OTTAWA-CARLETON R.M. ON	K1T 3Z4
SPL	SHELL CANADA PRODUCTS LTD.	MILITARY RAMP TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	GATE 18, OTTAWA AIRPORT TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	AIRPORT TARMACK TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	AIRPORT TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
WWIS		lot 9	ON	
WWIS		lot 10	ON	
WWIS		lot 10	ON	
WWIS		lot 10	ON	
WWIS		lot 10	ON	
WWIS		lot 9	ON	
WWIS		lot 10	ON	

WWIS	lot 9	ON
WWIS	lot 9	ON
WWIS	lot 8	ON
WWIS	lot 8	ON
WWIS	lot 35 con 2	ON

Unplottable Report

Site: BEAVER LUMBER CO. LTD. - LOT 9/CONC. II
ROBERTSON ROAD NEPEAN CITY ON

Database:
CA

Certificate #: 3-2065-90-
Application Year: 90
Issue Date: 11/16/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: WEDGEWOOD BUILDING CORPORATION
ROBERTSON RD. NEPEAN CITY ON

Database:
CA

Certificate #: 3-0682-88-
Application Year: 88
Issue Date: 5/13/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: TONY GRAHAM MOTORS (1980) LIMITED
PART LOTS 8 & 9, CONC. 2 NEPEAN CITY ON

Database:
CA

Certificate #: 8-4109-94-
Application Year: 94
Issue Date: 9/30/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: INSTALL PAINT SPRAY BOOTH & PREP. STALL
Contaminants:: Acetone, Methyl Isobutyl Ketone, N-Propyl Alcohol, Toluene(Pentyl Methane)(Methyl Benzene), N-Butanol(Butanol), N-Propyl Acetate (Propyl Acetate), Methylene Chloride, Methyl N-Amyl Ketone, Ethyl-3-Ethoxy Propionate, N-Methyl-2-Pyrrolidone
Emission Control:: Panel Filter

Site: Canadian Tire Real Estate Limited
Ottawa ON

Database:
CA

Certificate #: 8928-6XKJW9
Application Year: 2007
Issue Date: 2/12/2007
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **Canadian Tire Real Estate Limited**
Ottawa ON

Database:
CA

Certificate #: 6332-769QGX
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **BEAVER LUMBER CO. LTD. - LOT 9/CONC. II**
ROBERTSON ROAD NEPEAN CITY ON

Database:
CA

Certificate #: 7-1679-90-
Application Year: 90
Issue Date: 11/16/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: **TERRACE INVESTMENTS LTD.**
TERRACE DR. NEPEAN ON

Database:
CA

Certificate #: 3-1156-85-006
Application Year: 85
Issue Date: 10/25/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::

Emission Control::

Site: TERRACE INVESTMENTS LTD.
TERRACE DR. NEPEAN ON

Database:
CA

Certificate #: 7-0854-85-006
Application Year: 85
Issue Date: 10/9/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: TERRACE INVESTMENT
WESTCLIFFE RD./EASEMENT NEPEAN CITY ON

Database:
CA

Certificate #: 3-0598-85-006
Application Year: 85
Issue Date: 6/7/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: City Wye'd Electric Ltd.
Lot 8, Concession 2, Former Township of Huntley Ottawa ON

Database:
CA

Certificate #: 9630-6C9PY8
Application Year: 2005
Issue Date: 5/20/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Lot 10, Lot 11, Conc. 2, Stonebridge Subd. Ottawa ON

Database:
CA

Certificate #: 4838-4WDRDT
Application Year: 01
Issue Date: 5/4/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval

Client Name:: Monarch Construction Limited
Client Address:: 3584 Jockvale Road
Client City:: Nepean
Client Postal Code:: K2C 3H2
Project Description:: Installation of storm and sanitary sewers to serve Stonebridge Phase 3
Contaminants::
Emission Control::

Site: **Stonebridge Subdivision**
Part of Lot 10, Concession 2 Ottawa ON

Database:
CA

Certificate #: 9685-522N2M
Application Year: 01
Issue Date: 9/5/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Monarch Construction Limited
Client Address:: 3584 Jockvale Road
Client City:: Nepean
Client Postal Code:: K2C 3H2
Project Description:: Construction of storm and sanitary sewers on Golflinks Drive, Oakbar Crescent and Street 1.
Contaminants::
Emission Control::

Site: **Stonebridge Subdivision**
Part of Lot 10, Concession 2, Street No. 2 Ottawa ON

Database:
CA

Certificate #: 6346-4Z6P4V
Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Monarch Construction Limited
Client Address:: 3584 Jockvale Road
Client City:: Nepean
Client Postal Code:: K2C 3H2
Project Description:: This application is for the construction of sanitary sewers including appurtenances on Street No. 2, from Golflinks Drive to approximately 430 meters south of Golflinks Drive.
Contaminants::
Emission Control::

Site: **Lot 10 and 11, Concession 2 Ottawa ON**

Database:
CA

Certificate #: 2621-4WHPVP
Application Year: 01
Issue Date: 5/14/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Monarch Construction Limited
Client Address:: 3584 Jockvale Road
Client City:: Nepean
Client Postal Code:: K2C 3H2
Project Description:: Watermain Construction
Contaminants::
Emission Control::

Site: **Lot 10, Lot 11, Conc. 2, Stonebridge Subd. Ottawa ON**

Database:
CA

Certificate #: 2176-4WDR8J
Application Year: 01
Issue Date: 5/4/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Monarch Construction Limited
Client Address:: 3584 Jockvale Road
Client City:: Nepean
Client Postal Code:: K2C 3H2
Project Description:: Installation of a watermain re: Stonebridge Phase 3
Contaminants::
Emission Control::

Site: *Landsdown Developments Limited*
Lot 11 and Prt Lot 10, Reg. Plan No. 2545 Ottawa ON

Database:
CA

Certificate #: 1361-5ZRHG3
Application Year: 2004
Issue Date: 6/11/2004
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: *Monarch Corporation*
Lot 10, Conc. 2 (Rideau Front) Ottawa ON

Database:
CA

Certificate #: 1960-8ANFWL
Application Year: 2010
Issue Date: 10/29/2010
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: *Monarch Construction Limited*
Part of Lot 10, Concession 2 Ottawa ON

Database:
CA

Certificate #: 3027-5EYJGF
Application Year: 2002
Issue Date: 10/18/2002
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: GREENSIDE CONSTRUCTION MANAGEMENT
STREET NO. 1&3 ROBERTSON CRT. NEPEAN CITY ON

Database:
CA

Certificate #: 3-1670-86-
Application Year: 86
Issue Date: 11/7/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Canadian Tire Real Estate Limited
Ottawa ON

Database:
CA

Certificate #: 2877-73WH5F
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: DY 4 Systems Inc.
Ottawa K2V 1A6 Lot:Part of 1 Concession:2 CITY OF OTTAWA ON

Database:
EBR

Company Name: DY 4 Systems Inc.
EBR Registry No.: 010-8152
Ministry Ref. No.: 5942-7WYP4L
Notice Type: Instrument Decision
Notice Date: September 06, 2012
Proposal Date: October 22, 2009
Year: 2009
Proponent Address: 333 Palladium Drive, Kanata Ontario, Canada K2V 1A6
Instrument Type: (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Location Other:

Location:

Ottawa K2V 1A6 Lot:Part of 1 Concession:2 CITY OF OTTAWA

Site: Shell Canada Limited
Nepean Ottawa ON M2N 6Y2

Database:
ECA

Approval No: 1454-96LJDX
Approval Date: 2013-04-19
Status: Approved
Record Type: ECA
SWP Area Name:
MOE District:
City: Ottawa
Longitude:

Link Source: IDS **Latitude:**
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address: Nepean
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6976-92AQLQ-14.pdf>

Site: **Canadian Tire Real Estate Limited** **Database:**
Ottawa ON M4P 2V8 **ECA**

Approval No: 2877-73WH5F **SWP Area Name:**
Approval Date: 2007-06-07 **MOE District:**
Status: Approved **City:** Ottawa
Record Type: ECA **Longitude:**
Link Source: IDS **Latitude:**
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1011-73VQQQ-14.pdf>

Site: **City of Ottawa** **Database:**
Lot 10, Concession 2 Ottawa ON K1P 1J1 **ECA**

Approval No: 5280-96KNG8 **SWP Area Name:**
Approval Date: 2013-04-30 **MOE District:**
Status: Approved **City:** Ottawa
Record Type: ECA **Longitude:**
Link Source: IDS **Latitude:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Lot 10, Concession 2
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0810-8ZFJSZ-14.pdf>

Site: **JACK MAY PONTIAC BUICK LTD** **Database:**
LOT 9 CON 2 NEPEAN ON **EXP**

Instance No: 9667817
Instance ID: 390373
Instance Type: FS Facility
Description: FS Propane Vehicle Conv Centre
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:

Site: **Shell Canada Products** **Database:**
Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport Ottawa ON **GEN**

Generator No.: ON5198087 **PO Box No.:**
Status: **Country:**
Approval Years: 2011 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No. Admin:**
SIC Code: 447190
SIC Description: Other Gasoline Stations

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Site: CITY OF OTTAWA
LOT 10, CONSESSION 2 OTTAWA ON K1P 1J1

Database:
GEN

Generator No.: ON3823377
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Site: Canadian Tire Real Estate Limited
Street Right of Way Near 109 Richmond Road Ottawa ON K1Z 6V8

Database:
GEN

Generator No.: ON8895010
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 447110
SIC Description: 447110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: John Pyke
Phone No. Admin: 6135483446 Ext.34

--Details--

Waste Code: 221
Waste Description: LIGHT FUELS

Site: Shell Canada Products
Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport Ottawa ON

Database:
GEN

Generator No.: ON5198087
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 447190
SIC Description: Other Gasoline Stations

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

--Details--

Waste Code: 221
Waste Description: LIGHT FUELS

Site: Shell Canada Products
Air Cargo Private/Airbus Drive Ottawa Macdonald-cartier International Airport Ottawa ON

Database:
GEN

Generator No.: ON5198087
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 447190
SIC Description: Other Gasoline Stations

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

--Details--

Waste Code: 221

Waste Description: LIGHT FUELS

Site: OLYMPIA & YORK DEVELOPMENTS LTD.
SHELL CENTER OTTAWA ON

Database:
NPCB

Company Code: O0163D
Industry: OTHER
Site Status: POTENTIAL FOR INSPECTION (TR)
Transaction Date: 7/10/1993
Inspection Date:

--Details--

Label: OR21844
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 3333 L

Label: OR21846
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 3333 L

Label: OR21845
Serial No.:
PCB Type/Code: ASKAREL/ASKAREL
Location:
Item/State: TRANSFORMER/FULL
No. of Items: 1
Manufacturer:
Status: IN-USE
Contents: 3333 L

Site: JACK MAY PONTIAC BUICK LTD
LOT 9 CON 2 NEPEAN ON

Database:
PRT

Location ID: 9617
Type: private
Expiry Date: 1994-02-28
Capacity (L): 0.00
Licence #: 0037908001

Site: CANADIAN TIRE PIT STOP & PROPANE
OTTAWA ON K2H5Z2

Database:
RST

Headcode: 00921430
Headcode Desc: OIL CHANGES & LUBRICATION SERVICE
Phone: 6138299488
List Name:
Description:

Site: CANADIAN TIRE PIT STOP & PROPANE

Database:
RST

OTTAWA ON K2H 5Z2

Headcode: 00921430
 Headcode Desc: OIL CHANGES & LUBRICATION SERVICE
 Phone: 6138299488
 List Name:
 Description:

Site: Shell Canada Products Limited
 Shell Canada Ottawa ON

Database:
 SPL

Ref No: 6267-5M2K7H
 Site No:
 Incident Dt: 4/28/2003
 Year:
 Incident Cause:
 Incident Event:
 Contaminant Code: 12
 Contaminant Name: GASOLINE
 Contaminant Limit 1:
 Contam Limit Freq 1:
 Contaminant UN No 1:
 Contaminant Qty: 1 L
 Environment Impact: Possible
 Nature of Impact: Other Impact(s)
 Receiving Medium: Land
 Receiving Env:
 Health/Env Conseq:
 MOE Response:
 Dt MOE Arvl on Scn:
 MOE Reported Dt: 4/28/2003
 Dt Document Closed:
 Agency Involved:
 SAC Action Class: Spills
 Incident Reason:
 Incident Summary: Shell - 1L gasoline

Discharger Report:
 Material Group: Oil
 Client Type:
 Sector Type:
 Source Type:
 Nearest Watercourse:
 Site Name: LOADING RACK 1<UNOFFICIAL>
 Site Address:
 Site District Office: Ottawa
 Site County/District:
 Site Postal Code:
 Site Region: Eastern
 Site Municipality: Ottawa
 Site Lot:
 Site Conc:
 Northing:
 Easting:
 Site Geo Ref Accu:
 Site Geo Ref Meth:
 Site Map Datum:

Site: Shell Canada Products Limited
 Shell Aerocentre at Ottawa Airport<UNOFFICIAL> Ottawa ON

Database:
 SPL

Ref No: 5203-6EK4EJ
 Site No:
 Incident Dt: 7/22/2005
 Year:
 Incident Cause: Pipe Or Hose Leak
 Incident Event:
 Contaminant Code:
 Contaminant Name: AVIATION FUEL (JET A OR B, TURBO)
 Contaminant Limit 1:
 Contam Limit Freq 1:
 Contaminant UN No 1:
 Contaminant Qty:
 Environment Impact: Possible
 Nature of Impact: Soil Contamination
 Receiving Medium: Land
 Receiving Env:
 Health/Env Conseq:
 MOE Response:
 Dt MOE Arvl on Scn:
 MOE Reported Dt: 7/22/2005
 Dt Document Closed:
 Agency Involved:
 SAC Action Class: Spills at Federal Facilities & Spills of National Interest
 Incident Reason: Unknown - Reason not determined
 Incident Summary: EPS: Shell Aerocentre: u/k quant jet fuel to pavement

Discharger Report: 0
 Material Group: Oil
 Client Type:
 Sector Type: Other
 Source Type:
 Nearest Watercourse:
 Site Name: Shell Aerocentre at Ottawa Airport<UNOFFICIAL>
 Site Address:
 Site District Office: Ottawa
 Site County/District:
 Site Postal Code:
 Site Region:
 Site Municipality: Ottawa
 Site Lot:
 Site Conc:
 Northing:
 Easting:
 Site Geo Ref Accu:
 Site Geo Ref Meth:
 Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
SHELL AERO CENTER BULK PLANT (N.O.S.) OTTAWA CITY ON

Database:
SPL

Ref No: 100050
Site No:
Incident Dt: 5/19/1994
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/19/1994
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: EXECUTIVE AIR: 2 L JET FUEL TO ASPHALT RAMP, CLEANED UP

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: CANADIAN TIRE CORPORATION LTD.
SAWMILL CREEK RETAIL STORE OTTAWA CITY ON

Database:
SPL

Ref No: 42952
Site No:
Incident Dt: 11/2/1990
Year:
Incident Cause: OTHER CAUSE (N.O.S.)
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: WATER
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/2/1990
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: OTHER
Incident Summary: CANADIAN TIRE-1000L. ANTIFREEZE TO SAWMILL CREEK:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
NICHOLS SERVICE STATION, HIGHWAY MARKET, RR 1 WOODLAWN, WEST CARLETON SERVICE STATION
OTTAWA-CARLETON R.M. ON K1T 3Z4

Database:
SPL

Ref No: 33287
Discharger Report:

Site No:
Incident Dt: 4/17/1990
Year:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/17/1990
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: CORROSION
Incident Summary: SHELL-GASOLINE POCKETS ON GROUND

Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
 MILITARY RAMP TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 17049
Site No:
Incident Dt: 4/12/1989
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/12/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: UPLANDS AIRPORT - 60 L OF JET FUEL TO MILITARY RAMP WHILE RE-FUELING.

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: EPS
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
 GATE 18, OTTAWA AIRPORT TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 120204
Site No:
Incident Dt: 10/30/1995
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:

Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/30/1995
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: SHELL FUEL DELIVERY TRUCK-5 L DIESEL TO CONCRETE. CLEANED. NO ENV IMPACT.

Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
 AIRPORT TARMACK TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 107627
Site No:
Incident Dt: 11/23/1994
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/23/1994
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: SHELL: 20 L JET FUEL A-1 TO TARMACK WHEN FILLING 707 AIRPLANE: CONTAINED

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
 AIRPORT TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 15628
Site No:
Incident Dt: 3/8/1989
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:

MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/9/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: MATERIAL FAILURE
Incident Summary: UPLANDS AIRPORT - 9 LTR. HYDRAULIC FUEL TO GROUND

Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 81836
Site No:
Incident Dt: 2/14/1993
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/14/1993
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP.

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 81843
Site No:
Incident Dt: 2/14/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/14/1993
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: UNKNOWN
Incident Summary: SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 8471
Site No:
Incident Dt: 8/22/1988
Year:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/22/1988
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
SERVICE STATION OTTAWA CITY ON

Database:
SPL

Ref No: 60160
Site No:
Incident Dt: 11/24/1991
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/25/1991
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: CORROSION
Incident Summary: SHELL SERVICE STATION - 25 L. OF GASOLINE TO GROUND FROM LEAKY CAR

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: SHELL, FIRE DEPT. TRIANGLE PUMP
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 26231
Site No:

Discharger Report:
Material Group:

Incident Dt: 10/5/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/5/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP

Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting: DEPT OF TRANSPORT
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 23253
Site No:
Incident Dt: //
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/7/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 21872
Site No:
Incident Dt: 7/11/1989
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:

Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.

Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 16382
Site No:
Incident Dt: 3/27/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/27/1989
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: EQUIPMENT FAILURE
Incident Summary: UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 84404
Site No:
Incident Dt: 4/21/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
Health/Env Conseq:
MOE Response:

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:

Dt MOE Arvl on Scn:
MOE Reported Dt: 4/22/1993
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK

Site Geo Ref Meth:
Site Map Datum:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 30521
Site No:
Incident Dt: 2/2/1990
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND / AIR
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/2/1990
Dt Document Closed:
Agency Involved:
SAC Action Class:
Incident Reason: ERROR
Incident Summary: SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Nothing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: lot 9 ON

Database:
 WWIS

Well ID: 1521954
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 19331
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: 11/2/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043767
DP2BR: 6

Elevation:
Elevrc:

Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 28-SEP-87
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931049766
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Formation ID: 931049768
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 170
Formation End Depth: 275
Formation End Depth UOM: ft

Formation ID: 931049767
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 6
Formation End Depth: 170
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961521954
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592337
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076489
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 255
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930076488
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930076490
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To: 275
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521954
Pump Set At:
Static Level: 12
Final Level After Pumping: 125
Recommended Pump Depth: 175
Pumping Rate: 25
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934653478
Test Type: Draw Down
Test Duration: 45
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934108235
Test Type: Draw Down
Test Duration: 15
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934392339
Test Type: Draw Down
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934902870
Test Type: Draw Down
Test Duration: 60
Test Level: 125
Test Level UOM: ft

Water Details

Water ID: 933479687
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 268
Water Found Depth UOM: ft

Site: lot 10 ON

Database:
[WWIS](#)

Well ID: 1524890
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56337
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: 9/17/1990
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046633
DP2BR: 106
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 25-APR-90
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931059404
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Formation ID: 931059407
Layer: 4
Color: 2
General Color: GREY
Mat1: 26
Most Common Material: ROCK
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 106
Formation End Depth: 108
Formation End Depth UOM: ft

Formation ID: 931059406
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 90
Formation End Depth: 106
Formation End Depth UOM: ft

Formation ID: 931059405
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961524890

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

Pipe Information

Pipe ID: 10595203
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081654
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 108
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524890
Pump Set At:
Static Level: 0
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 15
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934385896
Test Type:
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934110488
Test Type:
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934903633
Test Type:
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934655256
Test Type:
Test Duration: 45

Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933483660
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 108
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1521663
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 08597
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/14/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043485
DP2BR: 59
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 28-JUL-87
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931048779
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:

Other Materials:
Formation Top Depth: 150
Formation End Depth: 225
Formation End Depth UOM: ft

Formation ID: 931048778
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 59
Formation End Depth: 150
Formation End Depth UOM: ft

Formation ID: 931048777
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 45
Formation End Depth: 59
Formation End Depth UOM: ft

Formation ID: 931048776
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521663
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592055
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075978
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930075979
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 225
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521663
Pump Set At:
Static Level: 50
Final Level After Pumping: 220
Recommended Pump Depth: 220
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107556
Test Type:
Test Duration: 15
Test Level: 220
Test Level UOM: ft

Pump Test Detail ID: 934391799
Test Type:
Test Duration: 30
Test Level: 220
Test Level UOM: ft

Pump Test Detail ID: 934652800
Test Type:
Test Duration: 45
Test Level: 220
Test Level UOM: ft

Pump Test Detail ID: 934910031
Test Type:
Test Duration: 60
Test Level: 220
Test Level UOM: ft

Water Details

Water ID: 933479327

Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 215
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1521190
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 02155
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/10/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043026
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 28-NOV-86
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931047134
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 54
Formation End Depth: 80
Formation End Depth UOM: ft

Formation ID: 931047133

Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 54
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521190
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591596
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075107
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 80
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521190
Pump Set At:
Static Level: 2
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 8
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934908365
Test Type:
Test Duration: 60
Test Level: 30

Test Level UOM: ft
Pump Test Detail ID: 934389008
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft
Pump Test Detail ID: 934105889
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft
Pump Test Detail ID: 934651136
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933478678
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

Site:
 lot 10 ON

Database:
 WWIS

Well ID: 1518764
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
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: 1/10/1984
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 010
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040634
DP2BR: 88
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 25-NOV-83
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931039483
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 88
Formation End Depth UOM: ft

Formation ID: 931039484
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 82
Other Materials: SHALY
Mat3:
Other Materials:
Formation Top Depth: 88
Formation End Depth: 105
Formation End Depth UOM: ft

Formation ID: 931039482
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 44
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961518764
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589204
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070942
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930070943
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 105
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518764
Pump Set At:
Static Level: 0
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934103240
Test Type:
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934380498
Test Type:
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934650481
Test Type:
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934900018
Test Type:
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933475561
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100
Water Found Depth UOM: ft

Site: lot 9 ON

Database:
WWIS

Well ID:	1530478	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	3/2/1999
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	182459	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	009
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:	10052013	Elevation:	
DP2BR:	49	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	
Cluster Kind:		UTMRC:	9
Date Completed:	18-NOV-98	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: 931075626
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 49

Formation End Depth UOM: ft
Formation ID: 931075628
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 117
Formation End Depth: 190
Formation End Depth UOM: ft

Formation ID: 931075627
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49
Formation End Depth: 117
Formation End Depth UOM: ft

Formation ID: 931075625
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933115625
Layer: 1
Plug From: 2
Plug To: 54
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961530478
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10600583
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930090711
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 190
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930090709
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930090710
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530478
Pump Set At:
Static Level: 36
Final Level After Pumping: 180
Recommended Pump Depth: 180
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934118874
Test Type: Recovery
Test Duration: 15
Test Level: 130
Test Level UOM: ft

Pump Test Detail ID: 934902183
Test Type: Recovery
Test Duration: 60
Test Level: 36
Test Level UOM: ft

Pump Test Detail ID: 934385050
Test Type: Recovery
Test Duration: 30
Test Level: 84
Test Level UOM: ft

Pump Test Detail ID: 934663013
Test Type: Recovery
Test Duration: 45
Test Level: 36
Test Level UOM: ft

Water Details

Water ID: 933490629
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 170
Water Found Depth UOM: ft

Water ID: 933490630
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 172
Water Found Depth UOM: ft

Site:
lot 10 ON

Database:
WWIS

Well ID: 1535825
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17653
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: 9/29/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot: 010
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316364
DP2BR:
Spatial Status:
Code OB: u
Code OB Desc: all layers are unknown type
Open Hole:
Cluster Kind:
Date Completed: 22-SEP-05
Remarks:
Elevrc Desc:
Location Source Date:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 932997253
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 19
Formation End Depth UOM: ft

Formation ID: 932997254
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 19
Formation End Depth: 77
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961535825
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11331219
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pump Test ID: 11345704
Pump Set At: 75
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: LPM
Water State After Test Code:
Water State After Test:

Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site: lot 9 ON

Database:
WWIS

Well ID: 1521953
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: Cooling And A/C
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 19330
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: 11/2/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043766
DP2BR: 6
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 26-SEP-87
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931049764
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 6
Formation End Depth: 170
Formation End Depth UOM: ft

Formation ID: 931049765
Layer: 3

Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 170
Formation End Depth: 275
Formation End Depth UOM: ft

Formation ID: 931049763
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521953
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10592336
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930076486
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930076487
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 275
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521953
Pump Set At:
Static Level: 12
Final Level After Pumping: 125
Recommended Pump Depth: 160
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934653477
Test Type: Draw Down
Test Duration: 45
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934902869
Test Type: Draw Down
Test Duration: 60
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934108234
Test Type: Draw Down
Test Duration: 15
Test Level: 125
Test Level UOM: ft

Pump Test Detail ID: 934392338
Test Type: Draw Down
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Water Details

Water ID: 933479686
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 270
Water Found Depth UOM: ft

Site: lot 9 ON

Database:
WWIS

Well ID: 1520053
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 10/8/1985
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN 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: 009
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041903
DP2BR:
Spatial Status:
Code OB: 0
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 29-AUG-85
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931043588
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 78
Formation End Depth: 82
Formation End Depth UOM: ft

Formation ID: 931043587
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 49
Formation End Depth: 78
Formation End Depth UOM: ft

Formation ID: 931043586
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 0
Formation End Depth: 49
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520053
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590473
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073156
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 79
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520053
Pump Set At:
Static Level: 1
Final Level After Pumping: 20
Recommended Pump Depth: 20
Pumping Rate: 100
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934655464
Test Type:
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934110331
Test Type:
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934376713
Test Type:
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Pump Test Detail ID: 934904433
Test Type:
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933477201
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 82
Water Found Depth UOM: ft

Site: lot 8 ON

Database:
[WWIS](#)

Well ID: 1528401
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 147796
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/26/1995
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 008
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049938
DP2BR:
Spatial Status:
Code OB: -
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 09-DEC-94
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113303
Layer: 1
Plug From: 0
Plug To: 41
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961528401
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598508
Casing No: 1
Comment:
Alt Name:

Site: lot 8 ON

Database:
WWIS

Well ID:	1522816	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/26/1988
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Recharge Well	Abandonment Rec:	
Water Type:		Contractor:	3644
Casing Material:		Form Version:	1
Audit No:	27054	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	008
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:	10044623	Elevation:	
DP2BR:	67	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	
Cluster Kind:		UTMRC:	9
Date Completed:	08-AUG-88	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: 931052667
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 90
Formation End Depth: 100
Formation End Depth UOM: ft

Formation ID: 931052666
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 90
Other Materials: VERY
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 67
Formation End Depth: 90
Formation End Depth UOM: ft

Formation ID: 931052664
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 28
Formation End Depth UOM: ft

Formation ID: 931052665
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 28
Formation End Depth: 67
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522816
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593193
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078054
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 69
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930078055
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522816
Pump Set At:
Static Level: 7
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 15
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934386979
Test Type:
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934647962
Test Type:
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934111556
Test Type:
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Pump Test Detail ID: 934905170
Test Type:
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933480847
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 94
Water Found Depth UOM: ft

Water ID: 933480846
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75
Water Found Depth UOM: ft

Site: lot 35 con 2 ON

Database:
WWIS

Well ID: 1522287
Construction Date:
Primary Water Use: Irrigation
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 25065
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: 5/13/1988
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 035
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044100
DP2BR: 49
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 24-MAR-88
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931050825
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 38
Formation End Depth: 49
Formation End Depth UOM: ft

Formation ID: 931050827
Layer: 6
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 74
Other Materials: LAYERED
Mat3:
Other Materials:
Formation Top Depth: 215
Formation End Depth: 340
Formation End Depth UOM: ft

Formation ID: 931050828
Layer: 7
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 340
Formation End Depth: 439
Formation End Depth UOM: ft

Formation ID: 931050823
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 15
Formation End Depth UOM: ft

Formation ID: 931050829
Layer: 8
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 439

Formation End Depth: 450
Formation End Depth UOM: ft

Formation ID: 931050824
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 38
Formation End Depth UOM: ft

Formation ID: 931050822
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Formation ID: 931050826
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49
Formation End Depth: 215
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522287
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10592670
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077127
Layer: 1
Material: 1
Open Hole or Material: STEEL

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

Casing ID: 930077129
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 450
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Casing ID: 930077128
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522287
Pump Set At:
Static Level: 23
Final Level After Pumping: 157
Recommended Pump Depth: 250
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 6
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934109815
Test Type: Draw Down
Test Duration: 15
Test Level: 28
Test Level UOM: ft

Pump Test Detail ID: 934655047
Test Type: Draw Down
Test Duration: 45
Test Level: 28
Test Level UOM: ft

Pump Test Detail ID: 934903462
Test Type: Draw Down
Test Duration: 60
Test Level: 28
Test Level UOM: ft

Pump Test Detail ID: 934385798
Test Type: Draw Down

Test Duration: 30
Test Level: 28
Test Level UOM: ft

Water Details

Water ID: 933480120
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 419
Water Found Depth UOM: ft

Water ID: 933480119
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 240
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 2017

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-Nov 2016

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-Jul 31, 2018

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 2014

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*

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-Jul 31, 2018

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 - Apr 2018

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-Apr 2018

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-Jul 31, 2018

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-Nov 30, 2017

Dry Cleaning Facilities:

Federal **DRYCLEANERS**

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 2016

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-Jul 31, 2018

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-Jul 31, 2018

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-Jul 31, 2018

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-Feb 28, 2018

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

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 2018

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 2017

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-December 31, 2017

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 2016

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: Dec 31, 2013

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*

Environmental Penalty Annual Report:

Provincial [MISA PENALTY](#)

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, 2017

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 2018

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, 2016

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-Mar 31, 2018

National Energy Board Wells:

Federal

NEBW

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

OGW

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-April 30, 2018

Ontario Oil and Gas Wells:

Provincial

OGGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites:

Provincial [OPCB](#)

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

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

Orders:

Provincial [ORD](#)

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

Government Publication Date: 1994-Jul 31, 2018

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 2018

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-Jul 31, 2018

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-Apr 2018

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-Jul 31, 2018

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-Jul 2018

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, 2016

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 2017

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-Jul 31, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

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 Results

Ministry of the Environment,
Conservation and Parks

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

Ministère de l'Environnement, de
la Protection de la nature et des
Parcs

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



October 22, 2018

Julie Roy
Pinchin Ltd.
1 Hines Road, Suite 200
Kanata, ON K2K 3C7

Dear Julie Roy:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2018-06625, Your Reference 229900


This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 2165 Robertson Road, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Rebeka Bogdan at the **Freedom of Information Office at 416-314-4075.**

Yours truly,

FOR 

Janet Dadufalza
FOI Manager

APPENDIX G
TSSA Search Results



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

Tel: (416) 734-3383

Fax: (416) 231-6183

Email: publicinformationservices@tssa.org

30 October 2018

Julie Roy
Pinchin Ltd.
200 – 1 Hines Road
Kanata, ON K2K 2X3

Subject: 145 Robertson Road, Ottawa, Ontario
Your File No.: 229900
SR No.: 2411558

Dear Madam/Sir:

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

A search of our records produced the attached Fuel Safety documents.

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

Trusting the attached satisfies your request; however, should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Connie Hill
Public Information Agent

LOCATION OF INCIDENT

DATE

145 ROBERTSON RD. NEPEAN

OTTAWA

INSPECTOR

D. H. MOWINDEUX

REGIONAL MANAGERS COMMENTS

DATE

(A)
FILE

AUG. 16/90

CHIEF INSPECTORS COMMENTS

DATE

ENGINEERING/LEGAL COMMENTS

DATE

FINAL DISPOSITION:

FILE CLOSED BY:

DATE

J. A. [Signature]

AUG. 16/90

MINISTRY OF CONSUMER
AND COMMERCIAL RELATIONS
FUELS SAFETY BRANCH
AUG 20 1990
OFFICE OF *M*
CHIEF INSPECTOR

889 8.85

4



Incident Investigation Report

HEAD OFFICE USE ONLY			
Filing Date		H.O. File Number	
Day	Month	Year	IR-90-05-42

Inspector's Name (please print) D. H. MOLINEUX		Inspector's Location OTTAWA		Date of Investigation Day: 11 Month: 05 Year: 89		Time of Investigation — <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.	
Location (where incident occurred) 145 ROBERTSON RD. NEPEAN				Date of Incident Day: 11 Month: 05 Year: 89		Time of Incident — <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.	
Cause of Incident (✓) Check one <input checked="" type="checkbox"/> Mechanical Failure <input type="checkbox"/> Accidental <input type="checkbox"/> Out of Domain, referred to: <input type="checkbox"/> Lack of Maintenance <input type="checkbox"/> Undetermined				Type of Incident (if more than one, note primary incident as 1, subsequent incident as 2, etc.) <input type="checkbox"/> Asphyxiation <input type="checkbox"/> Fire <input type="checkbox"/> Explosion <input type="checkbox"/> Carburetion <input checked="" type="checkbox"/> Product Escape			
Fuel Utilization (✓) Check one <input type="checkbox"/> Residential (Single Family) <input type="checkbox"/> Institutional <input type="checkbox"/> Residential (Multi Family) <input type="checkbox"/> Motor Vehicle <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Recreational Vehicle <input type="checkbox"/> Industrial		Fuel Type (✓) ^{Check one} <input type="checkbox"/> Natural Gas <input type="checkbox"/> Oil <input type="checkbox"/> Propane <input checked="" type="checkbox"/> Gasoline		Fuel Supplier (name & address) UNKNOWN			
Owner (name & address) BEAVER LUMBER LTD. 145 ROBERTSON ROAD NEPEAN, ONTARIO				Tenant (name & address, if different to property) —			
Equipment Involved 5000 GAL. GASOLINE TANK - UNDERGROUND.							
Estimated Value of Damage \$		Description of Damage EXTENSIVE SOIL CONTAMINATION					
Fatalities (name, address & age) —				Personal Injuries (name, address, age & type of injury) —			
Synopsis ON MAY 11/89 I WAS NOTIFIED THAT DURING THE PLANNING STAGES FOR A BUILDING EXTENSION, THE EXISTANCE OF AN ABANDONED GASOLINE BECAME KNOWN. TANK REMOVAL AND CLEANUP WERE ORDERED BY INSPECTORS INSTRUCTIONS DATED MAY 11/89. REMOVAL WOULD HAVE JEOPARDIZED THE EXISTING BUILDING AND WAS DEFERRED TO SPRING 1990 WHEN THE EXISTING BUILDING WAS DEMOLISHED. THE TANK WAS REMOVED ON JUNE 1/90 AND CONTAMINATED SOIL REMOVAL FOLLOWED. APPROXIMATELY 3800 TONNES OF SOIL WERE REMOVED AND TRUCKED							

Signature of Inspector: **D. H. Molineux**

Incident Investigation Report

Location (where incident occurred):


Date of Incident:

145 ROBERTSON ROAD, NEPEAN, ONT.

11/05/89

TO A LANDFILL SITE. M.O.E. INSPECTOR DAN HARRISON GUIDED CLEANUP AND CLEANUP WAS COMPLETED TO MINIMAL LEVELS.

Signature of Inspector:





To: BEAVER LUMBER LTD. MAY 11 1989
Name
145 ROBERTSON ROAD
Address
NIPESAN, ONTARIO

Your attention is required pursuant to

Energy Act Gasoline Handling Act

Propane Gasoline Fuel Oil

Natural Gas Utilization Transmission and Distribution

Regulation

You are hereby instructed to correct the infractions noted

REMOVE LEAKING 5000 GAL.
PETROLEUM PRODUCT TANK AND
CONTAMINATED SOIL AS REQUIRED
BY THE GASOLINE HANDLING
CODE SEC. 9 (18) (e) (b) (c) (d) (e)

NOTIFY INSPECTOR AT 538-4391
WHEN REMOVAL IS SCHEDULED.

COMPLETED
JUNE 19/89
D. H. Moore

LOCATION COPY

Received by	To be completed by	Inspector	Copy
<u>[Signature]</u>	<u>JUNE 9 1989</u>	<u>D. H. Moore</u>	<u>3</u>
<small>09181 (02/85)</small> Signature		Signature	

PHOTOGRAPHIC BRIEF

Date: JULY 17/90

Location: 145 ROBERTSON RD.

NEPIAN, ONTARIO

I.R.-89-05-39

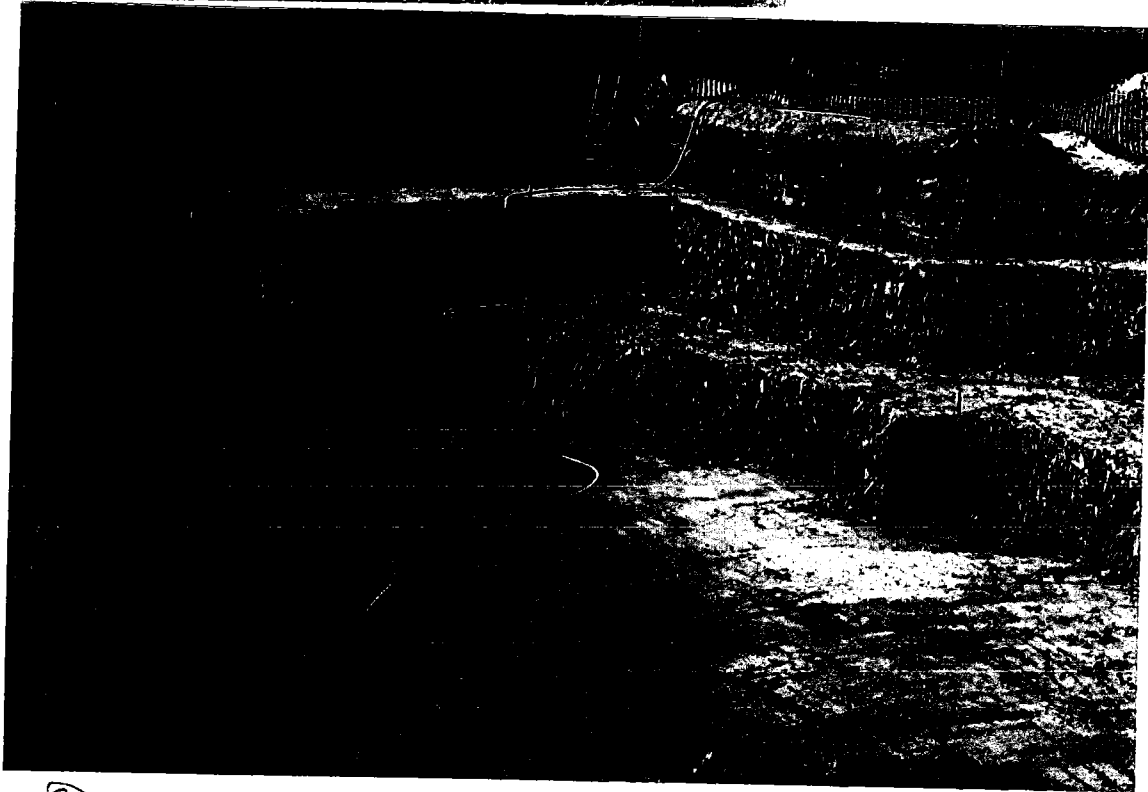
Inspector: D. H. MOLINEUX

MINISTRY OF CONSUMER
AND COMMERCIAL RELATIONS
FUELS SAFETY BRANCH
SEP 06 1990
OFFICE OF
CHIEF INSPECTOR

NOTE: Photographs to be mounted & identified

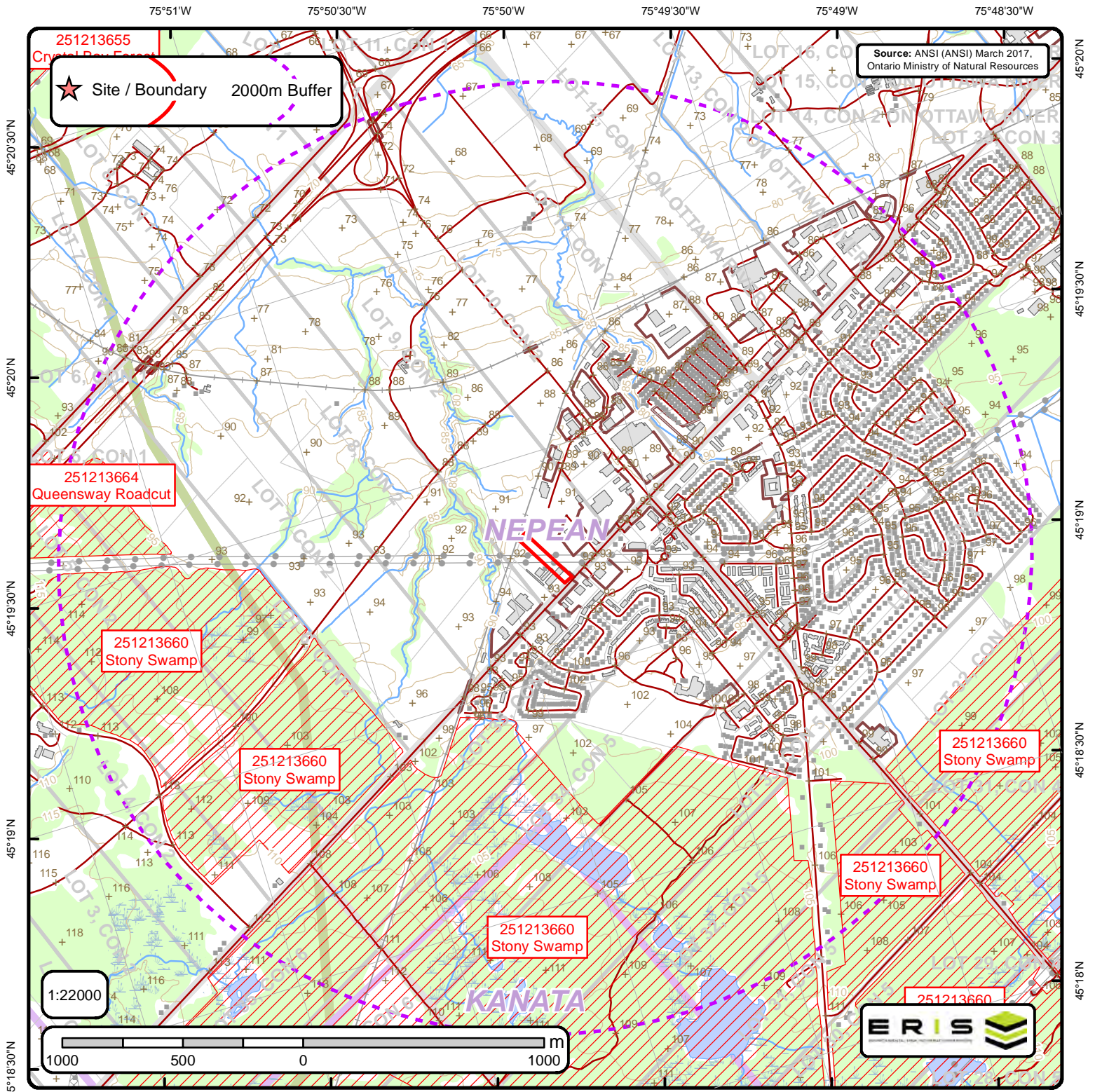


143
1. - PHOTO SHOWS
SOIL REMOVED DOWN
TO FLAT ROCK -
VIEW LOOKING
SOUTH TOWARD
BUILDING



② PHOTO SAME EXCAVATION AS ABOVE
ALTERNATE VIEW.

APPENDIX H
Maps



Area of Natural & Scientific Interest (ANSI) Order No. 20180927134

+	Spot Height	—	Transportation Structure	—	Contour Line	■	Wooded Area
■	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⊗	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
●	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River or Stream	■	Concession	■	Provincial Park
—	Railroads	■	Airports	■	Lots	■	National Park
—	Roads	■	Tanks	■	Municipality	■	Nature Reserve
- - -	Trail	■	Building to Scale	■	Land Ownership	■	ANSI Area



ANSI Name: Stony Swamp

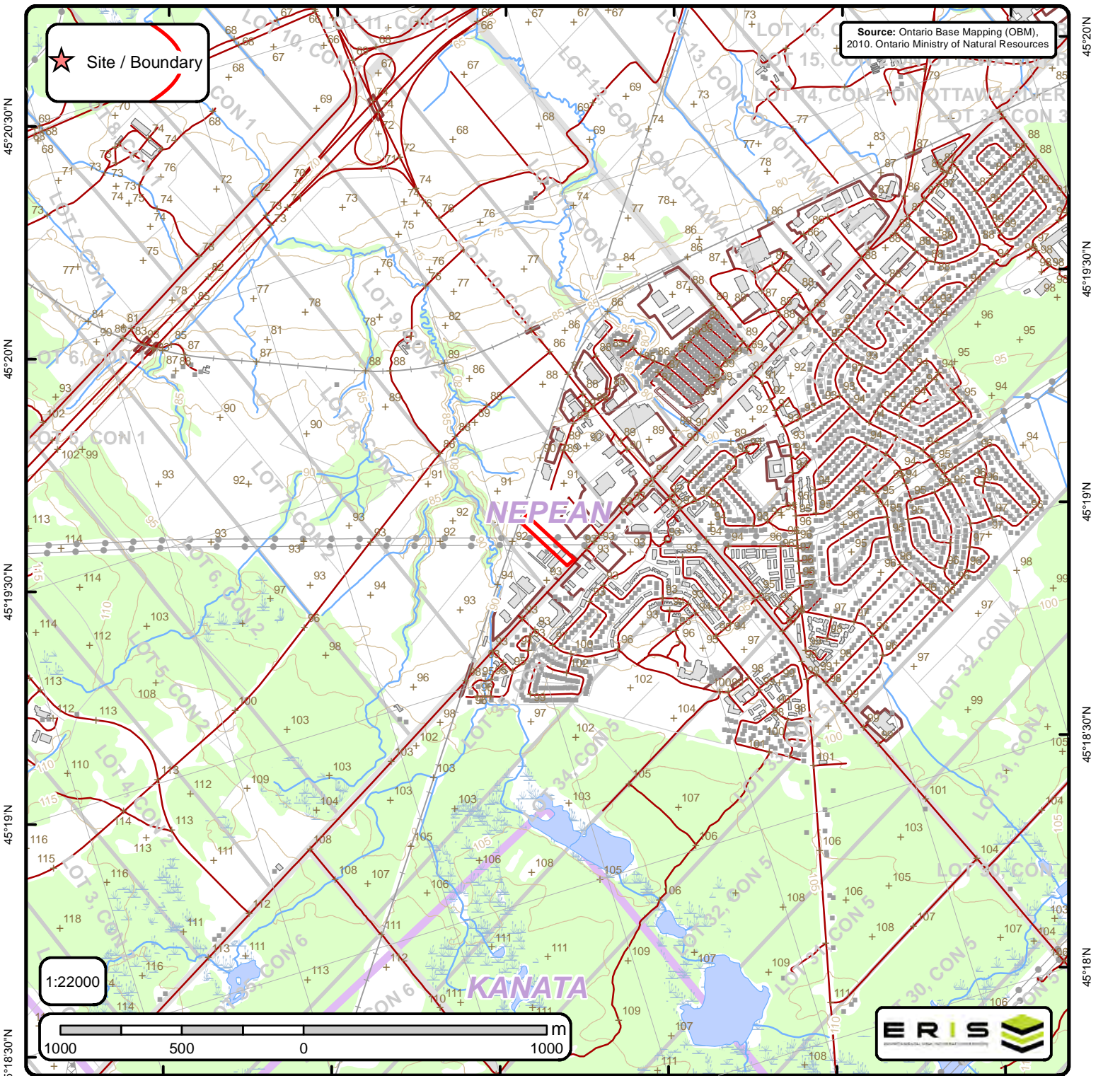
ID: 251213660 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 13789738.393 |

Comments:

ANSI Name: Queensway Roadcut

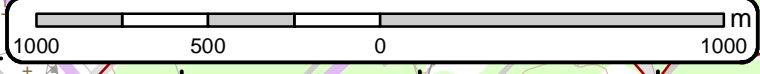
ID: 251213664 | **Type:** ANSI, Earth Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 35130.479 | **Comments:**

75°51'W 75°50'30"W 75°50'W 75°49'30"W 75°49'W 75°48'30"W



Source: Ontario Base Mapping (OBM), 2010. Ontario Ministry of Natural Resources

1:22000



Ontario Base Mapping (OBM) Data

Order No. 20180927134

+ Spot Height (metre)	— Transportation Structure	— Contour Line	Wooded Area
■ Building Point	● Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⊗ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
● Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River or Stream	▭ Concession	▭ Provincial Park
— Railroads	▭ Airports	▭ Lots	▭ National Park
— Roads	■ Tanks	▭ Municipality	▭ Nature Reserve
- - - Trail	▭ Building to Scale	▭ Land Ownership	