Phase One Environmental Site Assessment

360 Kennedy Lane East
Ottawa, Ontario

Prepared for:

United Property Resource Corporation
3250 Bloor Street West, Second Floor
Toronto, ON M8X 2Y4

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by United Property Resource Corporation (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 360 Kennedy Lane East in Ottawa, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with two, single-storey institutional buildings (Site Buildings A and B).

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (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 as a condition for 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 and was comprised of the following:

- A Records Review: Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, city directories and a regulatory database search. 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 Ministry of the Environment, Conservation and Parks (MECP) and Technical Standards and Safety Authority records;
- Interviews: Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);

- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of one legal lot situated at the municipal address of 360 Kennedy Lane East, Ottawa, Ontario and is currently owned by United Property Resource Corporation. The Phase One Property is located on the east side of Kennedy Lane East, approximately 75 metres south of the intersection of Kennedy Lane East and Prestone Drive.

To the best of Pinchin's knowledge, the Phase One Property was undeveloped prior to the construction of the Site Buildings in 1993. The usage of the Phase One Property prior to the construction of the Site Building is inferred to have consisted of institutional and undeveloped land. The Site Buildings have always been occupied by a church, as per information gathered from the Site Representative and the configuration of the Site Buildings.

The review of information obtained from historical records, interviews and a Site reconnaissance completed by Pinchin for the Phase One ESA did not identify any PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and groundwater at the Phase One Property that would require the completion of a Phase Two ESA. As such, it is Pinchin's opinion that the Phase One Property is suitable for the intended future residential land use and a Site Plan Approval can be filed based only on the completion of this Phase One ESA report.

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

This report has been issued without having received responses from requests for information sent to the MECP and TSSA. Once responses from these regulatory bodies are received, the information will be incorporated into a revised version of this report. 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 274/20 on July 1, 2020 (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 results in an APEC at the Phase One Property.

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

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from August 2021 to September 2021, which included the records review, Site reconnaissance, interviews and reporting.

2.1 Phase One Property Information

The Phase One Property consists of one legal lot situated at civic address 360 Kennedy Lane East, Ottawa, Ontario, which is currently owned by United Property Resource Corporation. The Phase One Property is located on the east side of Kennedy Lane East, approximately 75 metres (m) south of the intersection of Kennedy Lane East and Prestone Drive, as shown on Figure 1 (all Figures are provided in Appendix B). A plan showing the Phase One Property is provided as Figure 2, and the Phase One Study Area for which this Phase One ESA applies to is outlined 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	Legal Survey Drawing provided by the Client	Part of Block 8 Registered Plan 50M-77, City of Ottawa
Municipal Address	http://maps.ottawa.ca/geoottawa/ City of Ottawa	360 Kennedy Lane East Ottawa, ON K1E 3P3
Parcel Identification Number (PIN)	Legal Survey Drawing provided by the Client	14509-0149
Current Owner	Site Representative	United Property Resource Corporation
Current Occupant	Site reconnaissance	Queenswood United Church
Client	Authorization to Proceed Form for Pinchin Proposal	United Property Recourse Corporation
Client Contact Information	Client	Ross Edwards c/o United Property Resource Corporation 3250 Bloor Street West, Second Floor Toronto, ON M8X 2Y4 Phone: 519-555-6407 redwards@uprc.ca
Site Area	http://maps.ottawa.ca/geoottawa/ City of Ottawa	12,208.18 m^2 (3.02 acres)
Current Zoning	http://maps.ottawa.ca/geoottawa/ City of Ottawa	I1B – Minor Institutional Zone

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 and city directories available Site operating records and a regulatory data base search. 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) Freedom of Information (FOI) and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);

- 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 from August 2021 until September 2021, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on August 12, 2021, by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed 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 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.

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 the earlier of:

- 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
- The first potentially contaminating use or activity on the Phase One Property.

A review of aerial photographs indicated that the Phase One Property was first developed between 1991 and 1999. In addition, an interview conducted with the Site Representative knowledgeable of the development of the Phase One Property indicated that the Phase One Property was developed in 1993. Therefore, it is Pinchin's opinion that the first developed use of the Phase One Property was in 1993.

The date of the first developed use of the Phase One Property was determined through a review of aerial photographs and an interview conducted with the Site Representative. 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 (FIPs)

Pinchin contacted Opta Information Intelligence (Opta) to obtain FIPs related to the Phase One Property and the Phase One Study Area. A response was received from Opta dated August 11, 2021, 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 Client informed Pinchin that no previous environmental reports were available for the Phase One Property or for adjacent properties within the Phase One Study Area. None of the other information sources accessed by Pinchin had previous environmental reports for the Phase One Property or adjacent properties within the Phase One Study Area available for review.

4.2 Environmental Source Information

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

4.2.1 Environmental Database Search – ERIS

Pinchin retained Environmental Risk Information Services (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. Unless otherwise

noted, information obtained from the ERIS database search was reviewed for the entire Phase One Study Area. A copy of the ERIS report is provided in Appendix E and the results of the database search are described in the following sections.

4.2.1.1 National Pollutant Release Inventory

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

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

4.2.1.2 Ontario Inventory of PCB Storage Sites

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

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

4.2.1.3 National PCB Inventory

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

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

4.2.1.4 Certificates of Approval

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

of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011. O. Reg. 153/04 indicates that information from the C-of-A database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the C-of-A database identified no information regarding Cs-of-A for the Phase One Property or for properties adjacent to the Phase One Property.

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

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding these databases are provided in the ERIS report in Appendix E.

The ERIS database search identified no information regarding ECAs, PTTWs or CPUs for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the PTTW database identified no information regarding PTTWs for the Phase One Property and properties adjacent to the Phase One Property.

4.2.1.6 Inventory of Coal Gasification Plants

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

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

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

4.2.1.7 Environmental Incidents, Orders, Offences and Spills

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding the searched databases are provided in the ERIS report in Appendix G.

The ERIS database search revealed no records of environmental incidents, orders, offences or spills for the Phase One Property and properties adjacent to the Phase One Property.

4.2.1.8 Waste Management Records

Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution, etc. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

O. Reg. 153/04 indicates that information from the Waste Generator database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Generator Database Review Area.

The ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Waste Generator Database Review Area.

Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database contains registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants.

O. Reg. 153/04 indicates that information from the Waste Receivers database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste receivers within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Receivers Database Review Area.

The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Waste Receivers Database Review Area.

4.2.1.9 Fuel Storage Tanks

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

The ERIS search of the chemical and fuel storage tank databases found no information regarding the Phase One Study Area.

4.2.1.10 Notices and Instruments

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

4.2.1.11 Areas of Natural Significance

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map is included in Appendix H. In addition, Pinchin reviewed information provided on the Ministry of Natural Resources and Forestry's (MNRF) Natural Heritage Information Centre (NHIC) website. No areas of natural significance were identified within the Phase One Study Area from these information sources.

4.2.1.12 Landfill Information

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

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

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

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

The search was requested on August 11, 2021. 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 underground storage tanks (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 to determine whether any records of regulatory non-compliance exist. At the time of writing this report, no response had been received from the TSSA. 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 TSSA request is provided in Appendix G.

4.2.4 Property Underwriters' Reports and Plans

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

Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. A response was received from Opta dated August 11, 2021, which indicated that no PURs or PUPs for the Phase One Property were available. The Opta response is provided in Appendix E.

4.2.5 City Directories

At the time of writing this report, and due to temporary closures of Public Libraries and the Archives of Canada, select City Directories (i.e., Phase One Property listings) were not available for Pinchin's review. This represents a potential data gap in the historical documentation review process.

City directories for the years 1991 to 2011 were previously reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario, for the area within 150 m of the Phase One Property (City Directory Search Area). It should be noted that no city directories were available for the Phase One Property and the surrounding area prior to 1991 or subsequent to 2011.

In general, the city directories indicated that the properties in the City Directory Search Area have been historically occupied by institutional and residential land uses since at least 1991. Based on Pinchin's review of the above-noted city directories, no PCAs, including historical dry cleaning operations, retail fuel outlets or other operations of potential environmental concern, were identified in the City Directory Search Area.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Digital aerial photographs dated 1976, 1991, 1999, 2002, 2005, 2007, 2008, 2011, 2014, 2015, 2017 and 2019 were reviewed on the City of Ottawa e-map website (http://maps.ottawa.ca/geoOttawa/) by Pinchin. The 1976 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.

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
1976-1991.	The Phase One Property appeared to consist of vacant undeveloped land.
1999-2019	Two buildings were visible on the Phase One Property, which were similar in size, shape and orientation to the present-day Site Buildings.

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 1991 and 1999.

The aerial photograph review did not identify any PCAs within the Phase One Study Area, including the Phase One Property.

4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, is approximately 87.2 m above mean sea level (mamsl). The general topography in the local and surrounding areas gradually slope towards the north. No bedrock outcrops were observed on-Site or in the surrounding area.

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

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined groundwater beneath the Phase One Property is expected to flow in a north direction. No water bodies are located within the Phase One Study Area, and the nearest surface water body is the Ottawa River located approximately 1.6 km north of the Phase One Property at an elevation of approximately 39.9 mamsl.

4.3.3 Fill Materials

The historical records review provided no information regarding the presence of fill material at the Phase One Property.

Although the Phase One ESA did not identify any historical or current fill material at the Phase One Property, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

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

A review of the Area of Natural & Scientific Interest map prepared by ERIS (see Appendix H) and information provided on the MNRF's NHIC website did not identify any provincial parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

A review of the municipal plan for the City of Ottawa indicated that the Phase One Study Area is not located in whole or in part within a well head protection area or other designation identified by the City of Ottawa for the protection of groundwater.

The records review indicated that the Phase One Property and all other properties within the Phase One Study Area are not serviced by a municipal drinking water system.

The records review did not identify the presence of wells within the Phase One Property or within the Phase One Study Area that currently supply water for human consumption or for agricultural purposes.

4.3.5 Well Records

A search of the Water Well Information System database by ERIS did not identify any water well records for the Phase One Property.

The Water Well Information System database search also identified one water well record within the Phase One Study Area outside of the Phase One Property. Details regarding these off-Site wells, including stratigraphic information, depth to bedrock and/or depth to the water table, are provided in the ERIS report included in Appendix E.

4.4 Site Operating Records

The Phase One Property is not an Enhanced Investigation Property (see Section 6.3). As such, Site operating records were not reviewed as part of the Phase One ESA.

5.0 INTERVIEWS

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

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Mr. Don Morwick	Trustee with the Queenswood United Church	August 12, 2021 (Phase One Property)	In-person interview during Site reconnaissance

Mr. Morwick was chosen to be interviewed given that he has been associated with the Phase One Property since 1985 and is familiar with the recent operational history of the Phase One Property. Mr. Morwick is referred to herein as the “Site Representative”, and accompanied the Pinchin representative (Ms. Ashleigh Henderson) during the Site reconnaissance.

Pinchin compared the information obtained from the interviews 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 August 12, 2021 by a Pinchin representative (i.e., Mr. Dave Labelle), under the direct supervision of Pinchin's QP overseeing this project. Mr. Labelle is a Project Technologist with more than three 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 9:00 AM and 11:00 AM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately 24° Celsius with no breeze. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the Phase One 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 operating as a church.

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

During the Site reconnaissance, Pinchin observed two buildings/structures on the Phase One Property. The buildings consisted of a single-storey church building (Site Building A) and a single-storey Sunday school/storage building (Site Building B). The Site Representative reported that the Site Buildings were constructed in approximately 1993.

The portion of the Phase One Property outside of the Site Buildings consisted primarily of a driveway, parking areas and vacant grassed areas.

6.2.2 Description of Below-Ground Structures

During the Site reconnaissance, Pinchin did not observe any current below-ground structures on the Phase One Property, with the exception of a storm sewer catch basin in the parking lot.

6.2.3 Description of Tanks

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

6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources at the Phase One Property. The Phase One Property is serviced by a municipal water supply via underground piping running east from Kennedy Lane East beneath Site Building A.

6.2.5 Description and Location of Underground Utilities

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

The natural gas, telephone, electrical, water and sanitary sewer services enter the Site Buildings via underground lines running from Kennedy Lane East beneath the Site Buildings. Stormwater is captured via a catch basin in the parking lot and directed west via underground piping to a main storm sewer line under Kennedy Lane East.

6.2.6 Entry and Exit Points

The main man-door entry/exit point for pedestrians to Site Building A is located on the west elevation of Site Building A. The main man-door entry/exit point for pedestrians to Site Building B is located on the south elevation of Site Building B.

6.2.7 Details of Heating System

During the Site reconnaissance, Pinchin observed a natural gas-fired furnace in Site Building A. Heating for Site Building B is provided by electrically-powered baseboards.

6.2.8 Details of Cooling System

During the Site reconnaissance, no cooling systems were 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. Small volumes of various cleaning solutions were stored in their original containers on shelves within the electrical room. No bulk liquid storage was observed on-Site.

6.2.11 Details of Staining and Corrosion

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

6.2.12 Details of On-Site Wells

No water supply or groundwater monitoring wells were observed to be on or within the Phase One Property. No water supply or groundwater monitoring wells were reported by the Site owner 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 perimeter of the Phase One Property and central portion of the Phase One Property. The remainder of the Phase One Property exterior consists of an asphalt-paved driveway, access routes and parking areas.

6.2.15 Details of Current or Former Railways

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

6.2.16 Areas of Stained Soil, Vegetation and Pavement

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

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.

6.2.18 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

Although the Phase One ESA did not identify any historical or current fill material at the Phase One Property, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

6.2.19 Potentially Contaminating Activities

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

Pinchin did not identify any current PCAs at the Phase One Property during the Site reconnaissance.

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.

6.2.21 Surrounding Land Uses

During the Site reconnaissance, Pinchin conducted a visual assessment of publicly-accessible portions of the Phase One Study Area for the presence of PCAs. The properties in the Phase One Study Area have various land uses, including residential and institutional. Land use types within the Phase One Study Area are presented on Figure 3.

The following table summarizes the land use on adjacent properties at the time of the Site reconnaissance:

Direction Relative to Phase One Property	Location Relative to Inferred Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
North	Downgradient	A multi-tenant residential building followed by an institutional building, Prestone Drive and residential dwellings to beyond 250 m from the Phase One Property	Institutional/ Residential	Land uses are not considered to represent PCAs.
South	Upgradient	Parkland followed by residential dwellings to beyond 250 m from the Phase One Property	Residential/ Parkland	Land uses are not considered to represent PCAs.
East	Transgradient	Residential dwellings followed by Prestone Drive and additional residential dwellings to beyond 250 m from the Phase One Property	Residential	Land uses are not considered to represent PCAs.
West	Transgradient	Kennedy Lane East followed by residential dwellings, Monica Crescent and additional residential dwellings to beyond 250 m from the Phase One Property	Residential	Land uses are not considered to represent PCAs.

No PCAs were observed at the time of the Site reconnaissance within the rest of the Phase One Study area.

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, ERIS regulatory search, information obtained through MECP FOI and TSSA requests, city directories and aerial photographs;
- A Site reconnaissance completed on August 12, 2021, by Mr. Dave Labelle of Pinchin that included an assessment of structures at the Phase One Property and the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by ERIS and information provided on-line by the MNRF for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property did not identify any PCAs.

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

Pinchin's investigation did not identify the presence of wells at the Phase One Property that currently supply water for human consumption or for agricultural purposes.

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 ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and

- Review of mapping provided by ERIS and information provided on-line by the MNRF for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Study Area outside of the Phase One Property did not identify any PCAs.

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

Pinchin's investigation did not identify the presence of wells within the Phase One Study Area that currently supply water for human consumption or for agricultural purposes.

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.).

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

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

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, city directories, etc.
Prior to 1993	Unknown	Assumed vacant and/or agricultural	Vacant undeveloped land	The 1976-1991 aerial photographs indicated that the Phase One Property consisted of vacant undeveloped land

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, city directories, etc.
1993-Present	United Property Resource Corporation	Institutional	Church and Sunday school	The 1999-2019 aerial photographs indicated that the Phase One Property was developed with two institutional buildings, similar in size and configuration to the current Site Buildings. In addition, the Site Representative advised Pinchin that the Site Buildings were constructed in 1993

To the best of Pinchin's knowledge, the Phase One Property was undeveloped prior to the construction of the Site Buildings in 1993. The usage of the Phase One Property prior to the construction of the Site Building is inferred to have consisted of institutional and undeveloped land. The Site Buildings have always been occupied by a church, as per information gathered from the Site Representative and the configuration of the Site Buildings.

7.2 Potentially Contaminating Activities

No PCAs as defined by O. Reg. 153/04 were identified by Pinchin within the Phase One Study Area.

7.3 Areas of Potential Environmental Concern

No APECs as defined by O. Reg. 153/04 were identified by Pinchin 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 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.

Pinchin is not aware of any additional information that would alter the conclusions regarding the presence/absence of APECs at the Phase One Property.

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 an irregularly-shaped parcel of land approximately 3.02 acres (1.22 hectares) in size, which is located approximately 75 m south of the intersection of Kennedy Lane East and Prestone Drive, in the City of Ottawa. The Phase One Property is improved with two single-storey institutional buildings (Site Buildings) that occupy the central of the Phase One Property. The Phase One Property has been used for institutional purposes since initial development in 1993. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an Enhanced Investigation Property;
- No water bodies were identified within the Phase One Study Area. The nearest water body is the Ottawa River, which is located approximately 1.6 km north 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 surrounding area north of the Phase One Property consists of a multi-tenant residential building followed by an institutional building, Prestone Drive and residential dwellings to beyond 250 m from the Phase One Property. The surrounding area to the south of the Phase One Property consists of parkland followed by residential dwellings to beyond 250 m from the Phase One Property. The surrounding area to the east of the Phase One Property consists of residential dwellings followed by Prestone Drive and additional residential dwellings to beyond 250 m from the Phase One Property. The surrounding area to the west of the Phase One Property consists of Kennedy Lane East followed by residential dwellings, Monica Crescent and additional residential dwellings to beyond 250 m from the Phase One Property;
- No PCAs, APECs or contaminants of potential concern (COPCs) were identified within the Phase One Study Area, including the Phase One Property;
- Underground utilities at the Phase One Property provide potable water, natural gas, electrical, telephone, cable and sewer services to the Site Buildings. These services enter beneath the Site Buildings through a subsurface conduit on the west elevation of Site Building A and fed into the north elevation of Site Building B. Storm sewer catch basins located in the parking lot in the west portion of the Phase One Property connect to the municipal storm sewer line in Kennedy Lane East. Plans were not available to confirm the depths of these utilities, but they are estimated to be located approximately 2 to 3 m

below ground surface (mbgs). The known depth to groundwater at the Phase One Property is approximately 2.5 mbgs, which coincides with the approximate depth to the water table. As such, it is possible that the utility corridors may act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property;

- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit;
- The Phase One Property and adjacent and surrounding properties slope gradually down towards the north. Local groundwater flow is inferred to be to the north, based on the topography and the nearest body of water (i.e., Ottawa River); and
- 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 in support of the potential Site Plan Approval application at the Phase One Property.

The review of information obtained from historical records, interviews and a Site reconnaissance completed by Pinchin for the Phase One ESA did not identify any PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and groundwater at the Phase One Property that would require the completion of a Phase Two ESA. As such, it is Pinchin's opinion that the Phase One Property is suitable for the intended Site Plan Approval application at the Phase One Property based only on the completion of this Phase One ESA report.

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 future Site Plan Approval application at the Phase One Property. The conclusions and recommendations provided in this report represent the best

judgement of the assessor based on the Site conditions observed on August 12, 2021, and a review of available historical information and information obtained from interviews.

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

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

8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 360 Kennedy Lane East, 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 United Property Resource Corporation (Client), subject to the terms, conditions and limitations contained within the duly authorized proposal 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

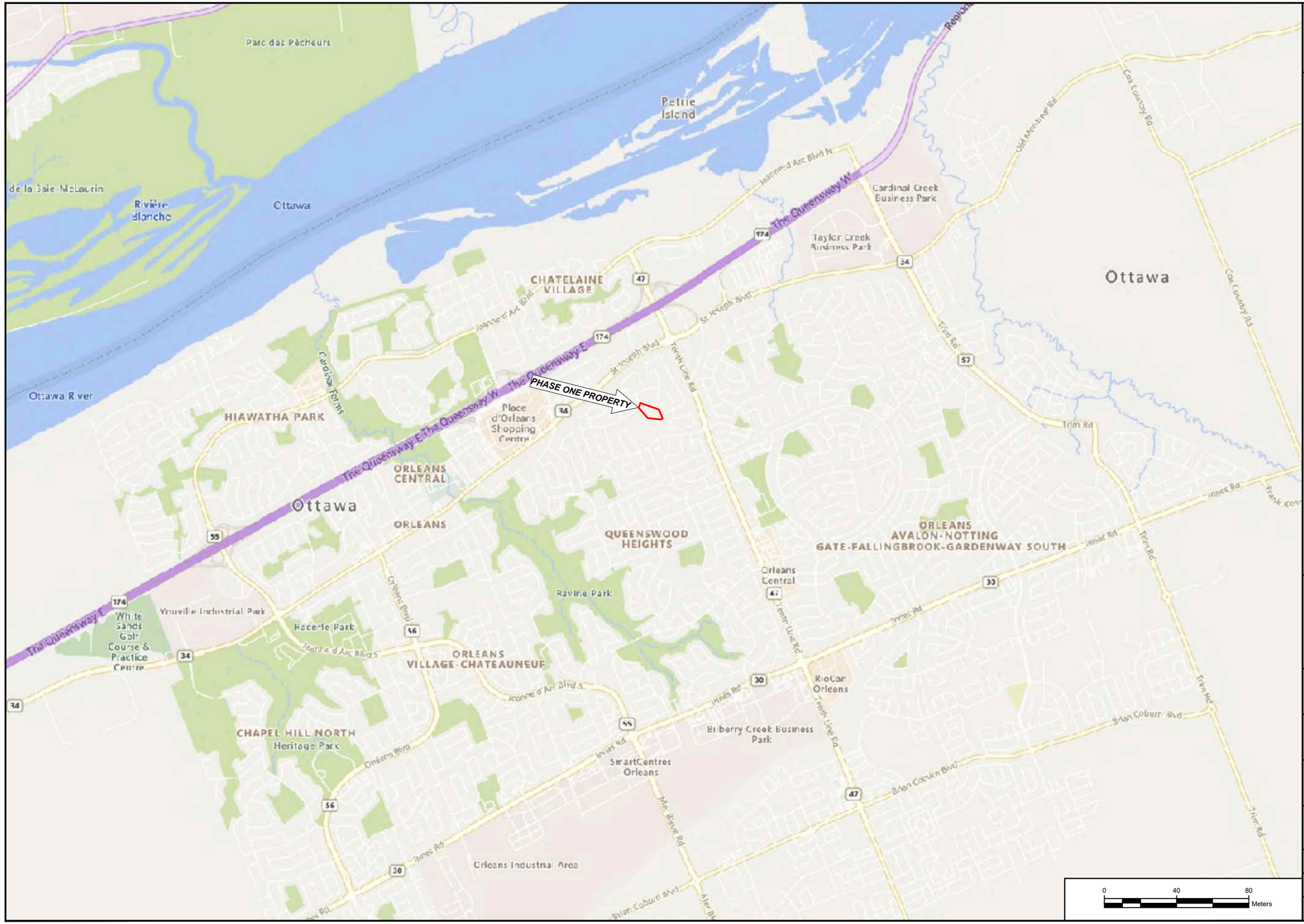
The following documents, persons or organizations provided information used in this report:

- Trustee with the Queenswood United Church and associated with the Phase One Property since 1985 [Site Representative].
- ERIS report entitled “360 Kennedy Lane East, Ottawa, Ontario”, dated August 10, 2021 (ERIS Project # 21080500508).
- Opta Information Intelligence “360 Kennedy Lane East, Ottawa, Ontario”, and dated August 11, 2021 (Opta Order ID: 94371).
- The Atlas of Canada – Surficial Materials: http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1
- The Atlas of Canada – Bedrock Geology: http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l=6&r=4&c=12.
- Toporama – Topographic Maps: http://atlas.gc.ca/site/english/maps/topo/map.
- Canadian Centre for Occupational Health & Safety: http://www.ccohs.ca/oshanswers/phys_agents/radon.html.
- Canadian Standards Association (CSA) Standard. *CSA Z768-01, Phase I Environmental Site Assessment*, Canadian Standards Association International, November 2001, reaffirmed in 2016.
- National Air Photo Library, Ottawa, Ontario.
- Library and Archives of Canada, Ottawa, Ontario.
- Technical Standards & Safety Authority.
- The City of Ottawa.

- Ministry of the Environment, Conservation and Parks.
- MECP Brownfields Environmental Site Registry.
- Google Earth™.
- Health Canada. "*Cross-Canada Survey of Radon Concentrations in Homes – Final Report*", dated March 2012.

10.0 APPENDICES

APPENDIX A
Figures



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

PINCHIN

PROJECT NAME:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
UNITED PROPERTY RESOURCE CORPORATION

PROJECT LOCATION:
360 KENNEDY LANE EAST, OTTAWA, ONTARIO

FIGURE NAME:
KEY MAP

PROJECT NUMBER:	SCALE:
296551	AS SHOWN
DRAWN BY: KL	REVIEWED BY: DL
DATE: SEPTEMBER 2021	FIGURE NUMBER: 1

N

LEGEND

SITE BUILDING

PHASE ONE PROPERTY

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PINCHIN

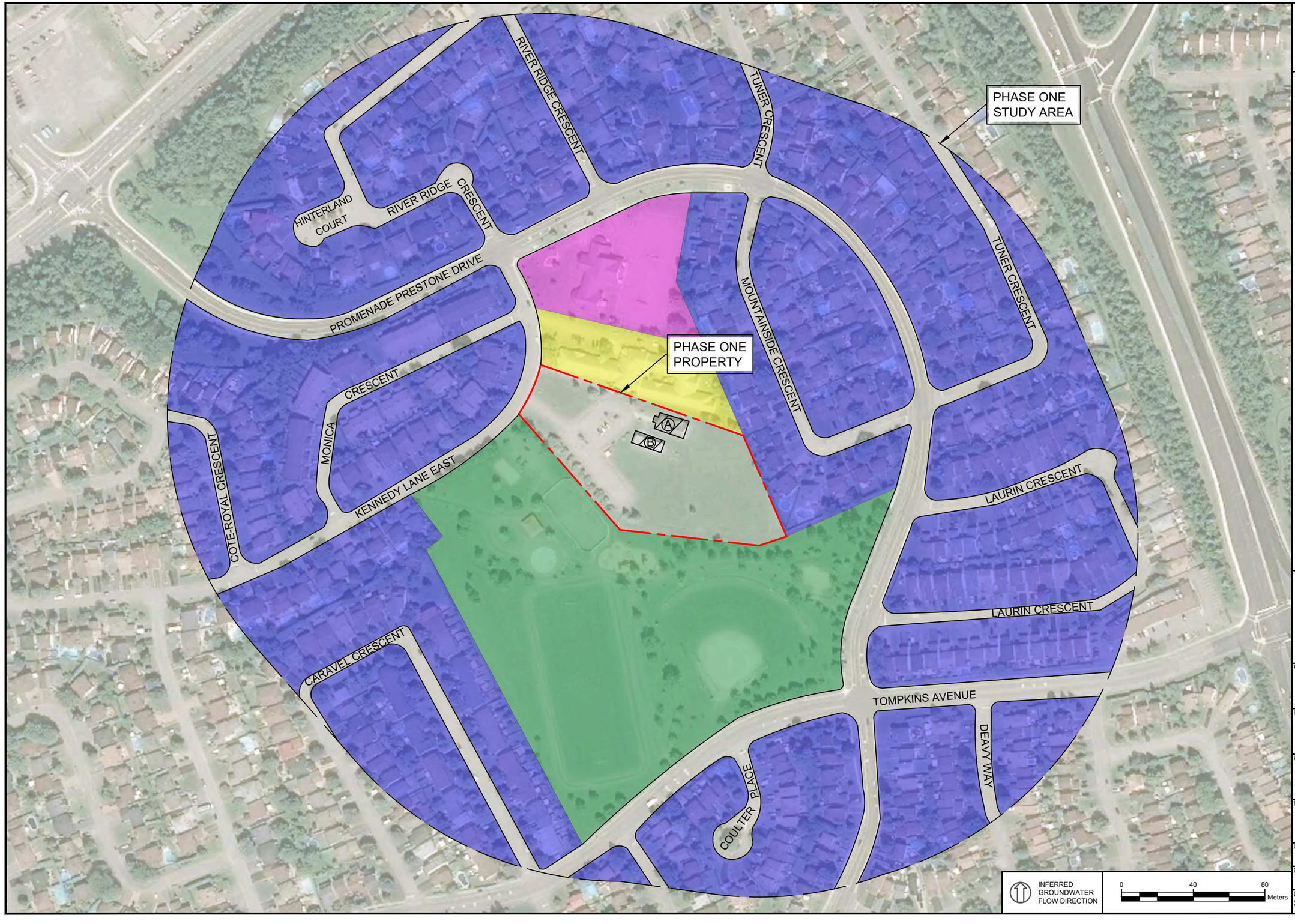
PROJECT NAME:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
UNITED PROPERTY RESOURCE CORPORATION

PROJECT LOCATION:
360 KENNEDY LANE EAST, OTTAWA, ONTARIO

FIGURE NAME:
PHASE ONE PROPERTY

PROJECT NUMBER:	SCALE:
296551	AS SHOWN
DRAWN BY: KL	REVIEWED BY: DL
DATE: SEPTEMBER 2021	FIGURE NUMBER: 2



N

LEGEND

- PHASE ONE STUDY AREA
- SITE BUILDING
- PHASE ONE PROPERTY
- RESIDENTIAL
- MULTI-TENANT RESIDENTIAL
- INSTITUTIONAL
- PARKLAND

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PINCHIN

PROJECT NAME:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
CLIENT NAME:	UNITED PROPERTY RESOURCE CORPORATION
PROJECT LOCATION:	360 KENNEDY LANE EAST, OTTAWA, ONTARIO
FIGURE NAME:	PHASE ONE STUDY AREA
PROJECT NUMBER: 296551	SCALE: AS SHOWN
DRAWN BY: KL	REVIEWED BY: DL
DATE: SEPTEMBER 2021	FIGURE NUMBER: 3

APPENDIX B
Photographs

Photo 1 – Site Building A (south elevation).

Photo 2 – Site Building A (west elevation).

Photo 3 – Site Building B (north and west elevations).

Photo 4 – Site Building B (south elevation).

Photo 5 – Property located north of the Phase One Property.

Photo 6 – Property located south of the Phase One Property.

Photo 7 – Properties located northeast of the Phase One Property.

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

APPENDIX C

Survey Plan

382749, 5038085

TOPOGRAPHIC PLAN OF SURVEY OF

PART OF BLOCK 8
REGISTERED PLAN 50M-77
CITY OF OTTAWA

FARLEY, SMITH & DENIS SURVEYING LTD. 2021

Scale 1: 300

0 5 10 15 20 25 30 metres

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

Distance Note
Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99997.

Bearing Note
Bearings hereon are grid bearings derived from the Can-Net Real Time Network and are referred to the Central Meridian of MTM Zone 9 (76° 30' West Longitude) Nad-83 (Original).

For bearing comparisons, a rotation of 0°02'00" clockwise was applied to bearings on P1, P2.

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

Utility Notes
1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. Underground utility data derived from City of Ottawa utility sheet reference:
4. C-33-20, C-33-26, 13441.
5. Sanitary and storm sewer grades and inverts were compiled from: Field measurement and City of Ottawa Utility Sheets.
6. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

Notes & Legend

Denotes		
□—□	=	Survey Monument Planted
■—■	=	Survey Monument Found
SIB	=	Standard Iron Bar
IB	=	Iron Bar
(Wit)	=	Witness
Meas	=	Measured
(P1)	=	Plan 50R-5659
(P2)	=	Plan by (AOG) dated July 22, 1998 (Job No. C-063-98)
Acc.	=	Accepted
○ MH–ST	=	Maintenance Hole (Storm)
○ MH–S	=	Maintenance Hole (Sanitary)
○ MH	=	Maintenance Hole (Unidentified)
—— ST ——	=	Underground Storm Sewer
—— S ——	=	Underground Sanitary Sewer
—— W ——	=	Underground Water
—— P ——	=	Underground Hydro
—— G ——	=	Underground Gas
—— B ——	=	Underground Bell
—— TV ——	=	Underground Rogers
○ LS	=	Light Standard
□CB	=	Catch Basin
○ FH	=	Fire Hydrant
▫ TB–B	=	Bell Terminal Box
▫ TB–C	=	Cable Terminal Box
▫ TB–B	=	Bell Terminal Box
▫ TB–C	=	Cable Terminal Box
▫ TB–H	=	Hydro Terminal Box
▫ TB	=	Unidentified Terminal Box
△ S	=	Sign
○ PO–M	=	Metal Pole
□ AC	=	Air Conditioner
Ø	=	Diameter
CLF	=	Chain Link Fence
BF	=	Board Fence
Inv.	=	Invert
T/G	=	Top of Grate
El	=	Elevation
U/Eave	=	Underside of Eave
TpFdn	=	Top of Foundation
C/L	=	Centreline
+ 65.00	=	Location of Elevations
+65.00	=	Top of Concrete Curb Elevation
	=	Deciduous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.
	=	Coniferous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V-15561

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR
In accordance with Regulation 1026, Section 29 (3).

Surveyor's Certificate
I certify that :
1. This survey and plan are correct and in accordance with the Surveys Act, the Surveyors Act and the Regulations made under them.
2. The survey was completed on the 19th day of August, 2021.

Aug 25/21
Date

Daniel Robinson
Ontario Land Surveyor

FARLEY, SMITH & DENIS SURVEYING LTD.
ONTARIO LAND SURVEYORS
CANADA LAND SURVEYORS
Unit 275, 30 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J6
TEL. (613) 727-8226 E-mail: fsdsurveys@bellnet.ca

FILE No. : 446-21

J:\2021\446-21_360 Kennedy Ln East_church_topo\Final\446-21 360 Kennedy Lane_B8 RP50m-77_F.dwg

TOPO 24X36

APPENDIX D

Opta Records

opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address:

360 Kennedy Lane East Ottawa Orleans, ON

Project No:

21080500510

Opta Order ID:

94371

Requested by:

Eleanor Goolab
ERIS

Date Completed:

8/11/2021 1:36:02 PM

Project Name: 360 Kennedy Lane East Ottawa ON

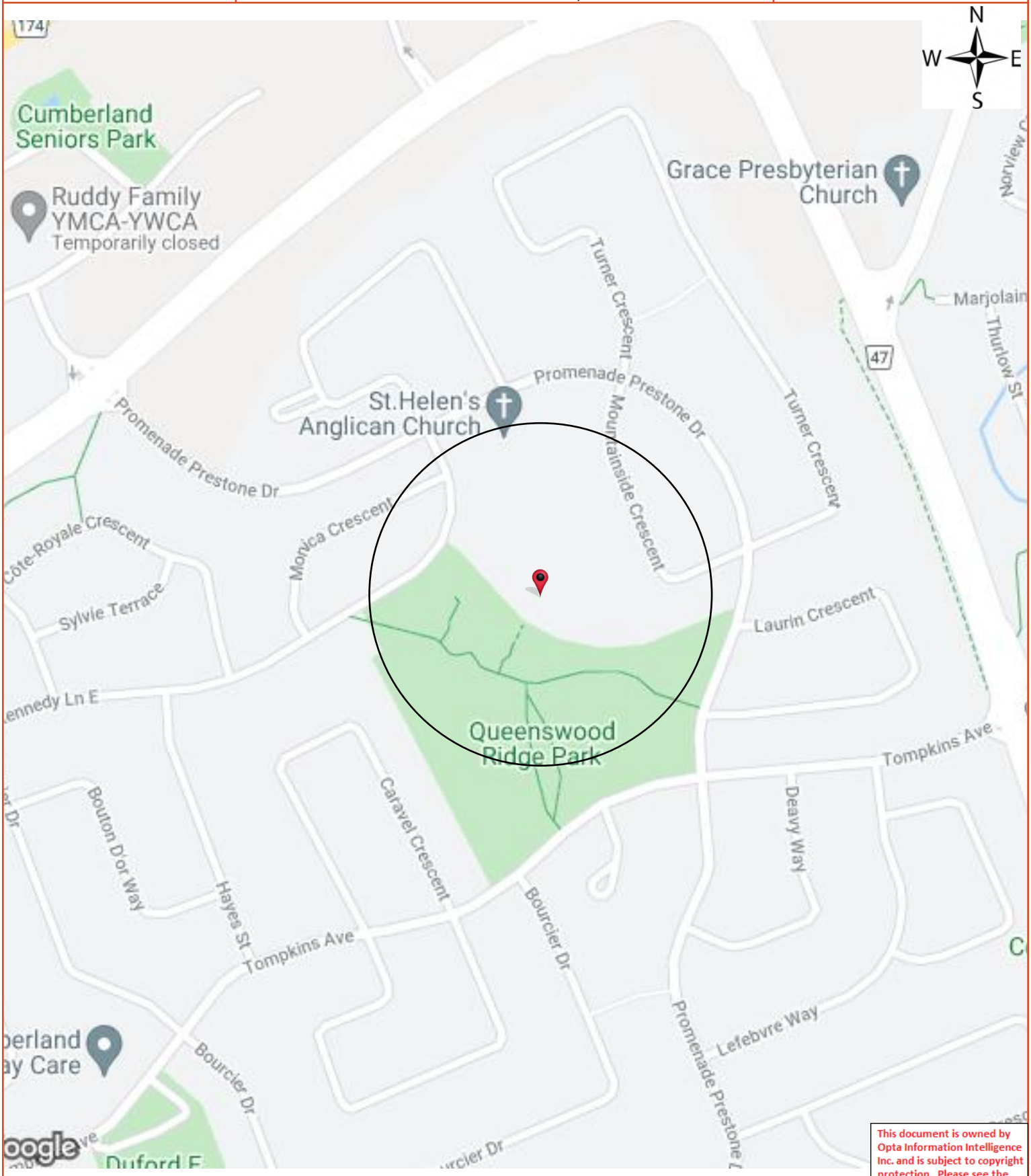
Project #: 21080500510
P.O. #: 296551

ENVIROSCAN Report

Search Area: 360 Kennedy Lane East Ottawa Orleans ON

Requested by:
Eleanor Goolab
Date Completed: 08/11/2021 13:36:02

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Project Name: 360 Kennedy Lane East Ottawa ON

Project #: 21080500510
P.O. #: 296551

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 08/11/2021 13:36:02

OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

APPENDIX E
ERIS Report

DATABASE REPORT

Project Property:	*360 Kennedy Lane East Ottawa ON* *360 Kennedy Ln E* *Orléans ON K1E 3P3*
Project No:	*296551*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21080500508*
Requested by:	*Pinchin Ltd.*
Date Completed:	*August 10, 2021*

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

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Executive Summary

Property Information:

Project Property:	*360 Kennedy Lane East Ottawa ON* *360 Kennedy Ln E Orléans ON K1E 3P3*
Project No:	*296551*

Order Information:

Order No:	*21080500508*
Date Requested:	*August 5, 2021*
Requested by:	*Pinchin Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Topographic Map	*ANSI Map & Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	7	8
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	2	2

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
	Total:		1	15	16

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		360 Kennedy Lane East Ottawa (Orleans) ON K1E 3P3	NNE/0.0	0.24	15

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	CA	QUEENSWOOD UNITED CHURCH - BLOCK 8	KENNEDY LANE, PT.3 OF 50R-5659 CUMBERLAND TWP. ON	NW/11.8	-1.09	15
2	CA	QUEENSWOOD UNITED CHURCH - BLOCK 8	KENNEDY LANE,PT. 3 OF 50R-5659 CUMBERLAND TWP. ON	NW/11.8	-1.09	15
3	EHS		370 Kennedy Lane East Orleans ON K1E 3X5	N/19.0	0.14	15
3	EHS		370 Kennedy Lane East Orleans ON K1E 3X5	N/19.0	0.14	16
3	EHS		370 Kennedy Lane East Orleans ON K1E 3X5	N/19.0	0.14	16
3	EHS		370 Kennedy Lane East Orleans ON K1E 3X5	N/19.0	0.14	16
4	EHS		370 Kennedy Lane Ottawa ON	NNW/19.1	0.14	16
4	EHS		370 Kennedy Lane E Ottawa ON K1E3X5	NNW/19.1	0.14	17
5	EHS		1234 Prestone Dr Ottawa ON K1E3X6	NNW/77.0	-0.59	17
6	SPL	ONTARIO HYDRO	1402 TURNER STREET ORLEANS TRANSFORMER CUMBERLAND TWP. ON K1E 2Y4	ENE/152.1	1.04	17
7	SPL	ONTARIO HYDRO	1401 TURNER CRESCENT TRANSFORMER CUMBERLAND TWP. ON K1E 2Y5	E/201.9	1.42	17
8	WWIS		385 TOMKINS AVE. OTTAWA ON	ESE/225.6	1.08	18

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1535554			
9	HINC		1295 TURNER CRESCENT OTTAWA ON K1E 2Y5	NNE/240.7	0.35	21
10	HINC		1487 DEAVY WAY ORLEANS ON K1E 2W7	SE/246.6	-0.40	21
11	SCT	POITRAS CEMETERY LETTERING	1383 TURNER CRES ORLEANS ON K1E 2Y5	ENE/249.7	1.88	22

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
QUEENSWOOD UNITED CHURCH - BLOCK 8	KENNEDY LANE,PT. 3 OF 50R-5659 CUMBERLAND TWP. ON	11.8	2
QUEENSWOOD UNITED CHURCH - BLOCK 8	KENNEDY LANE, PT.3 OF 50R-5659 CUMBERLAND TWP. ON	11.8	2

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	360 Kennedy Lane East Ottawa (Orleans) ON K1E 3P3	0.0	1
	370 Kennedy Lane East Orleans ON K1E 3X5	19.0	3
	370 Kennedy Lane East Orleans ON K1E 3X5	19.0	3
	370 Kennedy Lane East Orleans ON K1E 3X5	19.0	3
	370 Kennedy Lane East Orleans ON K1E 3X5	19.0	3
	370 Kennedy Lane Ottawa ON	19.1	4

Site	Address	Distance (m)	Map Key
	370 Kennedy Lane E Ottawa ON K1E3X5	19.1	4
	1234 Prestone Dr Ottawa ON K1E3X6	77.0	5

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	1295 TURNER CRESCENT OTTAWA ON K1E 2Y5	240.7	9
	1487 DEAVY WAY ORLEANS ON K1E 2W7	246.6	10

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
POITRAS CEMETERY LETTERING	1383 TURNER CRES ORLEANS ON K1E 2Y5	249.7	11

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ONTARIO HYDRO	1402 TURNER STREET ORLEANS TRANSFORMER CUMBERLAND TWP. ON K1E 2Y4	152.1	6

Site	Address	Distance (m)	Map Key
ONTARIO HYDRO	1401 TURNER CRESCENT TRANSFORMER CUMBERLAND TWP. ON K1E 2Y5	201.9	7

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	385 TOMKINS AVE. OTTAWA ON ***Well ID:*** 1535554	225.6	8

Map: 0.25 Kilometer Radius

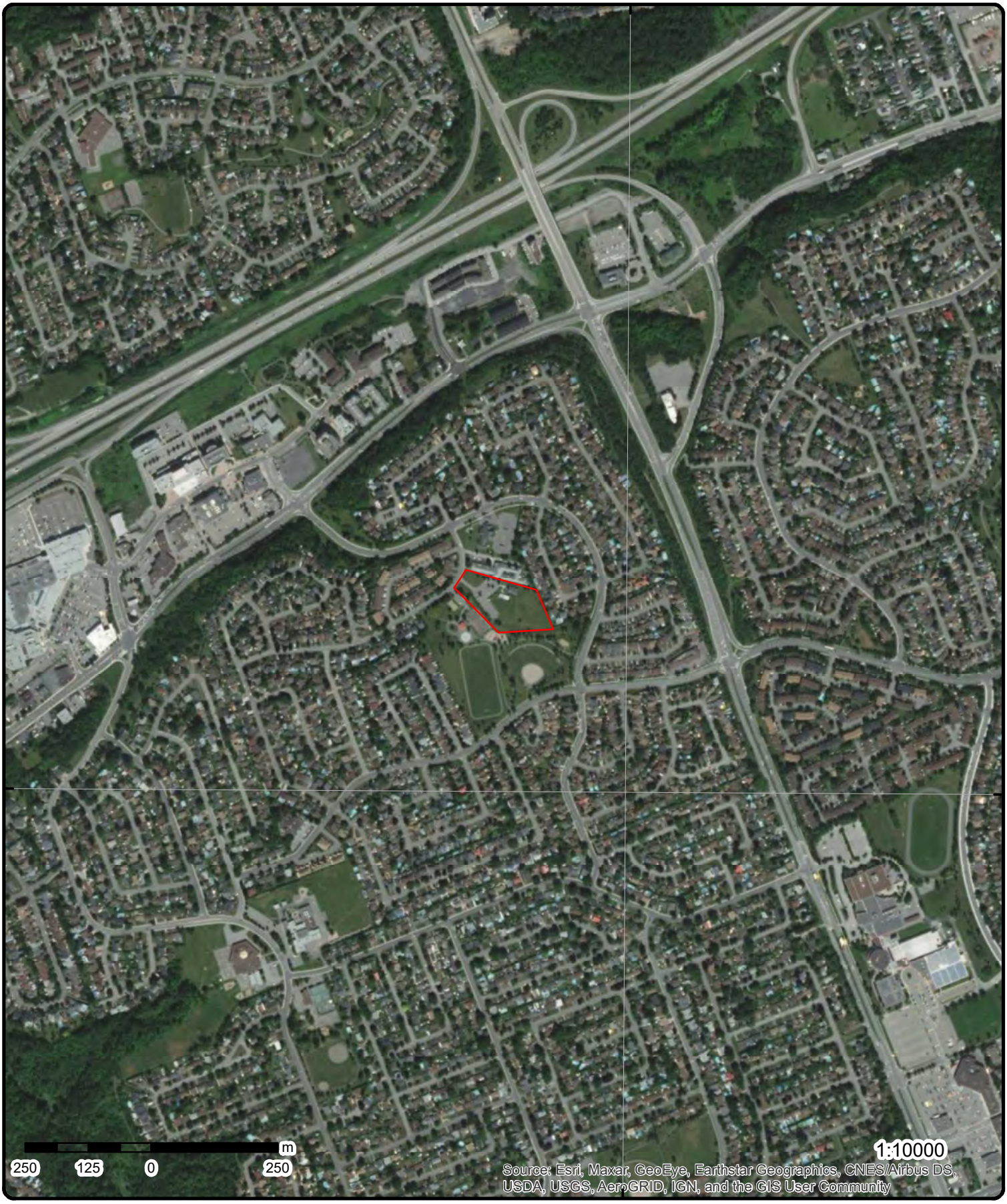
Order Number: 21080500508

Address: 360 Kennedy Ln E, Orléans, ON

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		Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		

Source: © 2015 DMTI Spatial Inc.

75°30'W

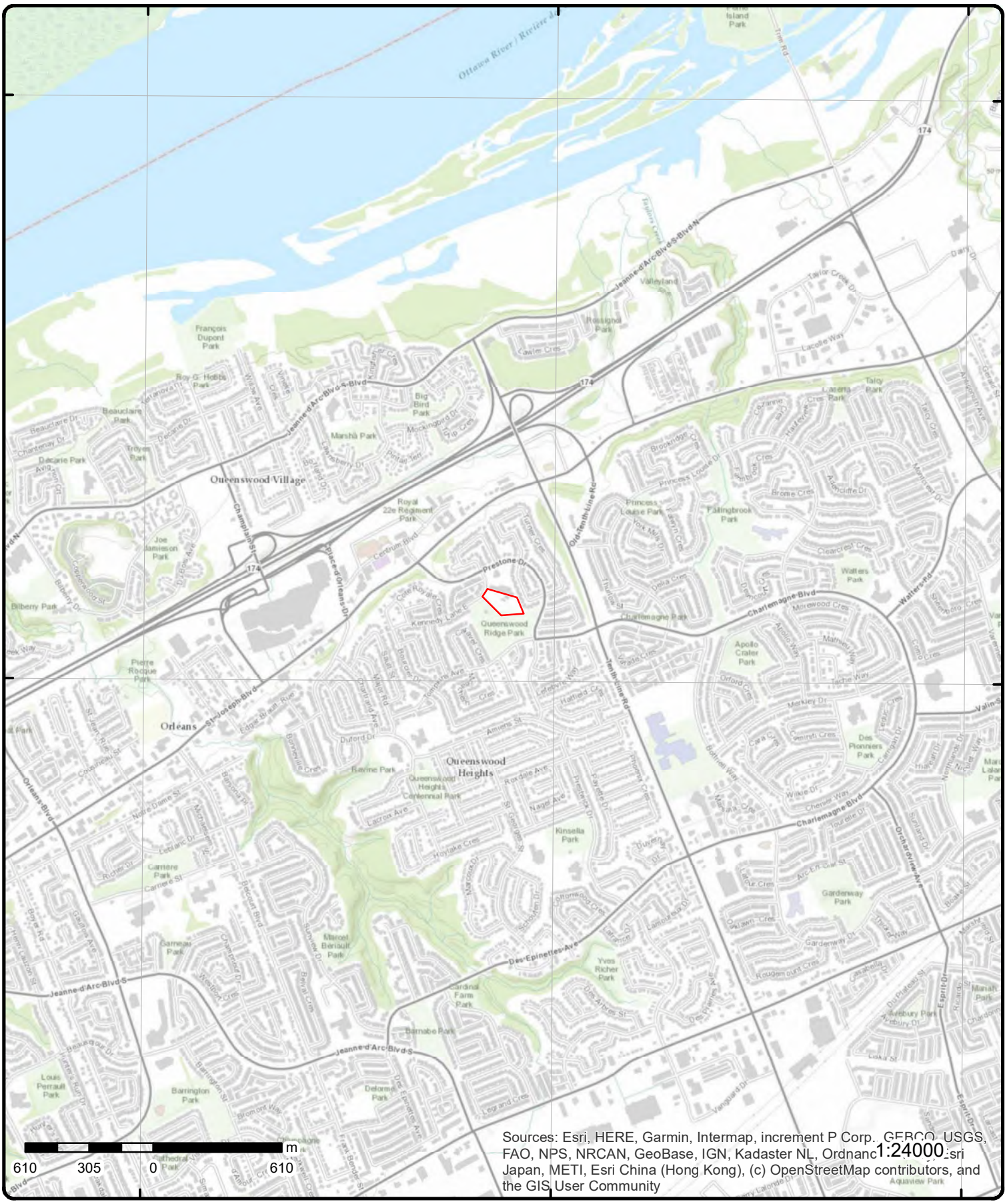


Aerial **Year: 2020**

Order Number: 21080500508

Address: 360 Kennedy Ln E, Orléans, ON

Source: ESRI World Imagery



Topographic Map

Address: 360 Kennedy Ln E, ON

Source: ESRI World Topographic Map

Order Number: 21080500508

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NNE/0.0	84.7 / 0.24	360 Kennedy Lane East Ottawa (Orleans) ON K1E 3P3	EHS

Order No:	20110105028	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	1/14/2011	**Search Radius (km):**	0.25
Date Received:	1/5/2011 1:31:33 PM	**X:**	-75.503179
Previous Site Name:		**Y:**	45.478348
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 2	NW/11.8	83.4 / -1.09	QUEENSWOOD UNITED CHURCH - BLOCK 8 KENNEDY LANE, PT.3 OF 50R-5659 CUMBERLAND TWP. ON	CA

Certificate #:	3-1545-91-
Application Year:	91
Issue Date:	10/17/1991
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 2	NW/11.8	83.4 / -1.09	QUEENSWOOD UNITED CHURCH - BLOCK 8 KENNEDY LANE,PT. 3 OF 50R-5659 CUMBERLAND TWP. ON	CA

Certificate #:	7-1230-91-
Application Year:	91
Issue Date:	10/17/1991
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 4	N/19.0	84.6 / 0.14	370 Kennedy Lane East Orleans ON K1E 3X5	EHS

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

Order No:	20200729059	**Nearest Intersection:**		
Status:	C	**Municipality:**		
Report Type:	Standard Report	**Client Prov/State:**	ON	
Report Date:	31-JUL-20	**Search Radius (km):**	.25	
Date Received:	29-JUL-20	**X:**	-75.5031128	
Previous Site Name:		**Y:**	45.4789428	
Lot/Building Size:				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	2 of 4	N/19.0	84.6 / 0.14	370 Kennedy Lane East Orleans ON K1E 3X5	EHS

Order No:	20200729059	**Nearest Intersection:**		
Status:	C	**Municipality:**		
Report Type:	Standard Report	**Client Prov/State:**	ON	
Report Date:	31-JUL-20	**Search Radius (km):**	.25	
Date Received:	29-JUL-20	**X:**	-75.5031128	
Previous Site Name:		**Y:**	45.4789428	
Lot/Building Size:				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	3 of 4	N/19.0	84.6 / 0.14	370 Kennedy Lane East Orleans ON K1E 3X5	EHS

Order No:	20200729059	**Nearest Intersection:**		
Status:	C	**Municipality:**		
Report Type:	Standard Report	**Client Prov/State:**	ON	
Report Date:	31-JUL-20	**Search Radius (km):**	.25	
Date Received:	29-JUL-20	**X:**	-75.5031128	
Previous Site Name:		**Y:**	45.4789428	
Lot/Building Size:				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	4 of 4	N/19.0	84.6 / 0.14	370 Kennedy Lane East Orleans ON K1E 3X5	EHS

Order No:	20200729059	**Nearest Intersection:**		
Status:	C	**Municipality:**		
Report Type:	Standard Report	**Client Prov/State:**	ON	
Report Date:	31-JUL-20	**Search Radius (km):**	.25	
Date Received:	29-JUL-20	**X:**	-75.5031128	
Previous Site Name:		**Y:**	45.4789428	
Lot/Building Size:				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 2	NNW/19.1	84.6 / 0.14	370 Kennedy Lane Ottawa ON	EHS

Order No:	20121210048	**Nearest Intersection:**		
Status:	C	**Municipality:**		
Report Type:	Standard Report	**Client Prov/State:**	ON	
Report Date:	13-DEC-12	**Search Radius (km):**	.25	
Date Received:	05-DEC-12	**X:**	-75.503569	
Previous Site Name:		**Y:**	45.478967	
Lot/Building Size:				
Additional Info Ordered:				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	2 of 2	NNW/19.1	84.6 / 0.14	370 Kennedy Lane E Ottawa ON K1E3X5	EHS

Order No:	20150624058	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	30-JUN-15	**Search Radius (km):**	.25
Date Received:	24-JUN-15	**X:**	-75.503263
Previous Site Name:		**Y:**	45.478973
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 1	NNW/77.0	83.9 / -0.59	1234 Prestone Dr Ottawa ON K1E3X6	EHS

Order No:	20130819006	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa (Orleans Ward)
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	26-AUG-13	**Search Radius (km):**	.25
Date Received:	19-AUG-13	**X:**	-75.503458
Previous Site Name:		**Y:**	45.479552
Lot/Building Size:	2.25 acres (9105 square metres)		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	ENE/152.1	85.5 / 1.04	ONTARIO HYDRO 1402 TURNER STREET ORLEANS TRANSFORMER CUMBERLAND TWP. ON K1E 2Y4	SPL

Ref No:	41991	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	10/11/1990	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	20601
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/11/1990	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	ERROR	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ONTARIO HYDRO: CUMBERLAND200 L TRANSF.OIL SPILLED DUE TO VEHICLE COLLISION.		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	E/201.9	85.9 / 1.42	ONTARIO HYDRO 1401 TURNER CRESCENT TRANSFORMER CUMBERLAND TWP. ON K1E 2Y5	SPL

Ref No:	52907	**Discharger Report:**	
Site No:		**Material Group:**	

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

Incident Dt:	6/23/1991	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	COOLING SYSTEM LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	CONFIRMED	**Site Municipality:**	20601
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/23/1991	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: ONTARIO HYDRO: 5 L OIL TOGROUND WHEN TRANSFORMER FAILED

Contaminant Qty:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	ESE/225.6	85.6 / 1.08	385 TOMKINS AVE. OTTAWA ON	WWIS

Well ID:	1535554	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/9/2005
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6838
Casing Material:		**Form Version:**	3
Audit No:	Z19291	**Owner:**	
Tag:	A019052	**Street Name:**	385 TOMKINS AVE.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	CUMBERLAND TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535554.pdf

Additional Detail(s) (Map)

Well Completed Date:	2005/06/07
Year Completed:	2005
Depth (m):	9.1
Latitude:	45.476932378929
Longitude:	-75.4993047365496
Path:	153\1535554.pdf

Bore Hole Information

Bore Hole ID:	11316093	**Elevation:**	87.321678

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	460975.00
Code OB Desc:	Overburden	**North83:**	5036055.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	07-Jun-2005 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932996605
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Mat2 Desc:	SILTY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.100000023841858
Formation End Depth:	9.100000381469727
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932996603
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.10000000149011612
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932996604
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.10000000149011612

Formation End Depth: 1.100000023841858
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933270523
Layer: 1
Plug From: 0
Plug To: 9.10000038146973
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961535554
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11330948
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930855382
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 7.19999980926514
Casing Diameter: 2.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 933413079
Layer: 1
Slot: 10
Screen Top Depth: 7.19999980926514
Screen End Depth: 9.10000038146973
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 2.5

Water Details

Water ID: 934060909
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 2.200000047683716
Water Found Depth UOM: m

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

Hole Diameter

Hole ID:	11533585
Diameter:	10.0
Depth From:	0.0
Depth To:	9.100000381469727
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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9 ***1 of 1*** ***NNE/240.7*** ***84.8 / 0.35*** ***1295 TURNER CRESCENT OTTAWA ON K1E 2Y5*** ***HINC***

External File Num:	FS INC 0706-02740
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	5/24/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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10 ***1 of 1*** ***SE/246.6*** ***84.1 / -0.40*** ***1487 DEAVY WAY ORLEANS ON K1E 2W7*** ***HINC***

External File Num:	FS INC 0809-04900
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	8/27/2008
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:Yes Training: No Management:No Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	ENE/249.7	86.4 / 1.88	POITRAS CEMETERY LETTERING 1383 TURNER CRES ORLEANS ON K1E 2Y5	SCT

Established: 1969
Plant Size (ft²): 0
Employment: 1

--Details--
Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

Description: All Other Wholesaler-Distributors
SIC/NAICS Code: 418990

Unplottable Summary

Total: 22 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Township of Cumberland	10TH LINE RD./S.W.M.	CUMBERLAND TWP. ON	
CA	CUMBERLAND TOWNSHIP	RR #47 S.W.M. FAC.	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	REGIONAL ROAD NO. 47	CUMBERLAND TWP. ON	
CA	J. JOANNISSE - LOT 30/CONC. 1	ST.JOSEPH BLVD/STM-WATER MGT.	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON - INNES ROAD	S-WATER MGT. FAC., R.R. #47	CUMBERLAND TWP. ON	
CA	CUMBERLAND TOWNSHIP	RR #34 (ST. JOSEPH BLVD.)	CUMBERLAND TWP. ON	
CA	CUMBERLAND TOWNSHIP	RR #34 (ST. JOSEPH BLVD.) SWM	CUMBERLAND TWP. ON	
CA	GRACE PRESBYTERIAN CHURCH	REG. RD. #47 TENTH LINE RD.	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	RR #34/PRESTONE DR./RR #47	CUMBERLAND TWP. ON	
CA	THE TOWNSHIP	KENNEDY LANE	CUMBERLAND ON	
CA		Lot 6, Concession 1 St. Joseph Boulevard	Ottawa ON	
CA	BUILDER DEVELOPMENT CORP.	ST. JOSEPH BLVD. APT. (SWM)	CUMBERLAND TWP. ON	
CA	CONSEIL SCOLAIRE DE LANGUE FRANCAISE	ST. JOSEPH BOULEVARD	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON	REGIONAL RD. 47/TENTH LINE RD.	CUMBERLAND TWP. ON	
ECA	City of Ottawa	St. Joseph Blvd from Taylor Creek Boulevard to Trim Road	Ottawa ON	K1P 1J1
SPL	UNKNOWN	10TH LINE ROAD	CUMBERLAND TOWNSHIP ON	
SPL	BEAVER ROAD BUILDERS LTD.	ST. JOSEPH BLVD. AT TAYLOR CREEK MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON	

SPL	PAUL'S BACKHOE SERVICE	HWY 34 NORTH 5 - 5.5 MILES NORTH OF HWY 417 EAST 333 CHAMPLAIN ST., HAWKESBURY, ONT.	OTTAWA CITY ON	
SPL	PRIVATE OWNER	LOT 36 CONC 1 CUMBERLAND ORLEANS STORAGE TANK/BARREL	OTTAWA CITY ON	
SPL	Kiewit Eurovia Vinci	St. Joseph Blvd from Taylor Creek Boulevard to Trim Road	Ottawa ON	K1C 1T1
WWIS		lot 36 con 1	ON	
WWIS		lot 36 con 1	ON	

Unplottable Report

Site: ***Township of Cumberland***
10TH LINE RD./S.W.M. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1386-92-
Application Year: 92
Issue Date: 5/28/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CUMBERLAND TOWNSHIP***
RR #47 S.W.M. FAC. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1404-92-
Application Year: 92
Issue Date: 11/30/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
REGIONAL ROAD NO. 47 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1257-92-
Application Year: 92
Issue Date: 10/6/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***J. JOANNISSE - LOT 30/CONC.1***
ST.JOSEPH BLVD/STM-WATER MGT. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-0647-91-

Application Year: 91
Issue Date: 2/11/1992
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON - INNES ROAD***
S-WATER MGT. FAC., R.R. #47 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-0460-91-
Application Year: 91
Issue Date: 10/17/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CUMBERLAND TOWNSHIP***
RR #34 (ST. JOSEPH BLVD.) CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1028-93-
Application Year: 93
Issue Date: 9/16/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CUMBERLAND TOWNSHIP***
RR #34 (ST. JOSEPH BLVD.) SWM CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-1066-93-
Application Year: 93
Issue Date: 10/13/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GRACE PRESBYTERIAN CHURCH***
REG. RD. #47 TENTH LINE RD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #:	7-0988-89-
Application Year:	89
Issue Date:	6/27/1989
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF OTTAWA-CARLETON***
RR #34/PRESTONE DR./RR #47 CUMBERLAND TWP. ON

Database: ***CA***

Certificate #:	7-0338-93-
Application Year:	93
Issue Date:	5/6/1993
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***THE TOWNSHIP***
KENNEDY LANE CUMBERLAND ON

Database: ***CA***

Certificate #:	3-0098-85-006
Application Year:	85
Issue Date:	2/25/85
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Lot 6, Concession 1 St. Joseph Boulevard Ottawa ON

Database: ***CA***

Certificate #:	7126-4W5N6T
Application Year:	01
Issue Date:	5/4/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	111 Lisgar Street

Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Watermains to be constructed on St. Joseph Blvd., Notre Dame St and Grey Nunn's Dr.
Contaminants:
Emission Control:

Site: ***BUILDER DEVELOPMENT CORP.***
ST. JOSEPH BLVD. APT. (SWM) CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-0050-94-
Application Year: 94
Issue Date: 2/14/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CONSEIL SCOLAIRE DE LANGUE FRANCAISE***
ST. JOSEPH BOULEVARD CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-0596-91-
Application Year: 91
Issue Date: 5/17/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
REGIONAL RD. 47/TENTH LINE RD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #: 3-0632-90-
Application Year: 90
Issue Date: 4/20/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
St. Joseph Blvd from Taylor Creek Boulevard to Trim Road Ottawa ON K1P 1J1

Database: ***ECA***

Approval No: 7373-9PXPF2
Approval Date: 2014-10-20
MOE District:
City:

Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	St. Joseph Blvd from Taylor Creek Boulevard to Trim Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5387-9PVKN5-14.pdf		

Site: ***UNKNOWN***
10TH LINE ROAD CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	101790	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/24/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20601
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	ORLEANS WORKS
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/24/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN SOURCE-PETROLEUM PRODUCT TO CATCHBASIN, VACTRUCK CALLED.		
Contaminant Qty:			

Site: ***BEAVER ROAD BUILDERS LTD.***
ST. JOSEPH BLVD. AT TAYLOR CREEK MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

Database: ***SPL***

Ref No:	88497	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/14/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	TRUCK/TRAILER OVERTURN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20601
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/15/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: BEAVER ROAD BUILDERS LTD.- 70L DIESEL FUEL TO LANDFROM OVERTURNED TRUCK
Contaminant Qty:

Site: ***PAUL'S BACKHOE SERVICE***
HWY 34 NORTH 5 - 5.5 MILES NORTH OF HWY 417 EAST 333 CHAMPLAIN ST., HAWKESBURY, ONT. OTTAWA CITY ON

Database: ***SPL***

Ref No:	224046	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/15/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/15/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: PAUL'S BACKHOE SERVICE SPILL UNKNOWN VOL OF GAS & WATER, CONTAINED
Contaminant Qty:

Site: ***PRIVATE OWNER***
LOT 36 CONC 1 CUMBERLAND ORLEANS STORAGE TANK/BARREL OTTAWA CITY ON

Database: ***SPL***

Ref No:	227995	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/12/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			

Incident Summary: UNKNOWN OWNER- 100 L OF TRANSFORMER OIL TO GRD FROM DRUM.
Contaminant Qty:

Site: ***Kiewit Eurovia Vinci***
St. Joseph Blvd from Taylor Creek Boulevard to Trim Road Ottawa ON K1C 1T1

Database: ***SPL***

Ref No:	1127-BSUT65	***Discharger Report:***	
Site No:	6740-9PVKLN	***Material Group:***	
Incident Dt:	2020/08/26	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	Unknown / N/A
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	St. Joseph Blvd from Taylor Creek Boulevard to Trim Road
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	K1C 1T1
Contaminant UN No 1:	1202	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	NA
Receiving Env:	Land	***Northing:***	NA
MOE Response:	No	***Easting:***	NA
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	NA
MOE Reported Dt:	2020/08/26	***Site Map Datum:***	NA
Dt Document Closed:	2020/09/21	***SAC Action Class:***	
Incident Reason:	Unknown / N/A	***Source Type:***	Unknown / N/A
Site Name:	St. Joseph Boulevard		
Site County/District:	NA		
Site Geo Ref Meth:	NA		
Incident Summary:	Kiewit Eurovia: Ottawa LRT project, 100mL dsl		
Contaminant Qty:	100 mL		

Site:

lot 36 con 1 ON

Database: ***WWIS***

Well ID:	1516649	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/8/1978
Sec. Water Use:		***Selected Flag:***	True
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
Elevation (m):		***Municipality:***	CUMBERLAND TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	036
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10038555	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	01-Aug-1978 00:00:00	***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: 931032780
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931032781
Layer: 4
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 63
Mat2 Desc: COARSE-GRAINED
Mat3:
Mat3 Desc:
Formation Top Depth: 130.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931032778
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931032779
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:

Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961516649
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10587125
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930067725
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 140
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991516649
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0
Pumping Rate: 100.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934899980
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934101269
Test Type: Draw Down

Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380987
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934642496
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933472997
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Site:
lot 36 con 1 ON

Database: ***WWIS***

Well ID: 1520005
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: 10/22/1985
Selected Flag: True
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: CUMBERLAND TOWNSHIP
Site Info:
Lot: 036
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041855
DP2BR: 78.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 15-Mar-1984 00:00:00
Remarks:
Elevrc Desc:

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931043433
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043436
Layer: 4
Color: 8
General Color: BLACK
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 50.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043437
Layer: 5
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 78.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043435
Layer: 3
Color: 2
General Color: GREY
Mat1: 14

Most Common Material: HARDPAN
Mat2: 28
Mat2 Desc: SAND
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 25.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043434
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 10.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520005
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590425
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073078
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 82
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073077
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 78
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991520005
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	70.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934654442
Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376252
Test Type:	Draw Down
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904390
Test Type:	Draw Down
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934110287
Test Type:	Draw Down
Test Duration:	15
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933477127
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

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 2021

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-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994- Jun 30, 2021

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 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994- Jun 30, 2021

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Jun 30, 2021

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-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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-Apr 30, 2021

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 2019

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

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, 2019

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 Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

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-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Jun 30, 2021

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994- Jun 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

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-Jun 2021

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-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

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, 2018

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 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Jun 30, 2021

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: Apr 30, 2021

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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

APPENDIX F

MECP FOI Search Request

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

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Julie Crooks Pinchin Ltd. 1 Hines Road, Suite 200 Kanata, Ontario K2K 3C7 For questions or concerns please contact **Julie Crooks** at: jcrooks@pinchin.com			FOI Request No.	FOI Co-ordinator Review date
			Date Request Received Response Due Date	Fee Paid ~ ACCT ~ CHQ ☑ VISA ~ CASH
Telephone/Fax Nos. Tel: (613) 592-3387 ext 1833 Fax (613) 592-5897	Your Project/Reference No. 296551	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions**)

360 Kennedy Lane East Ottawa ON

Present Property Owner(s) and Date(s) of Ownership

United Property Resource Corp

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	ALL
Orders	ALL
Spills	ALL
Investigations/prosecutions ▸ Owner/tenant information must be provided	**ALL**
Waste Generator number/classes	**ALL**

Certificates of Approval ▸ Proponent information must be provided

1985 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, hydrogeological reports, etc.

		SD	**Specify Year(s) Requested**
air – *emissions*			
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*			
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*			
waste water - *industrial discharge*			
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*			
waste systems	- *haulers: sewage, non-hazardous & hazardous waste*		
	- *mobile waste processing units*		
	- *PCB destruction*		
pesticides - *licenses*			

APPENDIX G

TSSA Search Request

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.231.4903
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Public Information
Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 296551 Date: Aug 11 2021

Requestor Name : Julie Crooks		Organization Pinchin Ltd.	
Suite/Unit No: 200	Street No: 1	Street Name: Hines Road	
City: Kanata	Province: ON	Postal Code: K2K 2X3	
Primary Phone: 613-592-3387 Ext. 1833	Secondary Phone:		
Email: jcrooks@pinchin.com	Fax: 613-592-5897		

For Office Use Only
Date
Account No.
SR No.
P.I No:

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☑ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Archival Search request for Tanks.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form)
360 Kennedy Lane East Ottawa ON

Device/equipment Type: _____ Owner: _____

Installation Number: _____

CRN: _____ OIN: _____ Serial #:_____

Victim Name (if applicable): _____

Certificate Holder Name (if applicable): _____ Certificate Holder Date of Birth: _____ (DD-MM-YYYY)

Date /period requested:

☐ From (date): _____ to (date) _____

☐ Most recent record

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.231.4903
Customer Service: 1.877.682.8772
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Public Information
Issued under the Access and Privacy Code

E. REASON FOR REQUEST (please explain the reason for your request)

We are completing a Phase I ESA at the Property.

F. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule Website Fee Schedule.pdf

Payment for single record search is attached (please check if payment attached)

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9

COMPLETE FOR CREDIT CARD PAYMENTS

Card Type: ☑ VISA ☐ MASTERCARD

Amount of Payment $ 56.50

Card# | | | | | | | | | | | | | | | |

Expiry Date 02 25

In payment of fifty six dollars and fifty cents

Name of Card Holder Larry Backman Client Tel. No. 613-592-3387
First Name *Last Name*

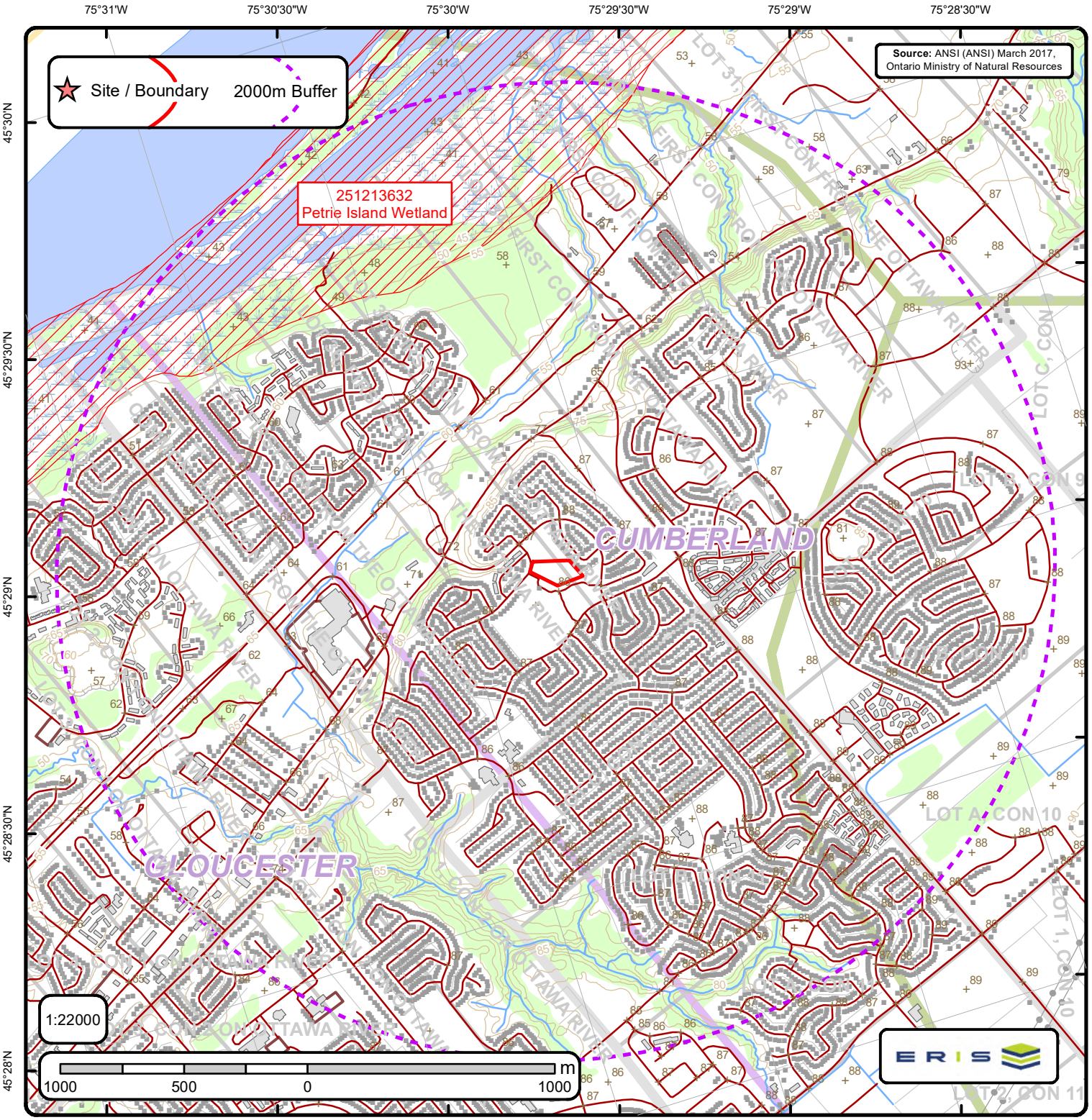
Signature of Card Holder _____ Date Aug 11 2021
(DD-MM-YYYY)

G. TERMS AND CONDITIONS:

Please refer to the link for our Access and Privacy Code Access and Privacy Code.pdf. If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature		Date
	Please Print and sign before returning to TSSA	Aug 11 2021

APPENDIX H
Maps



Area of Natural & Scientific Interest (ANSI) Order No. 21080500508

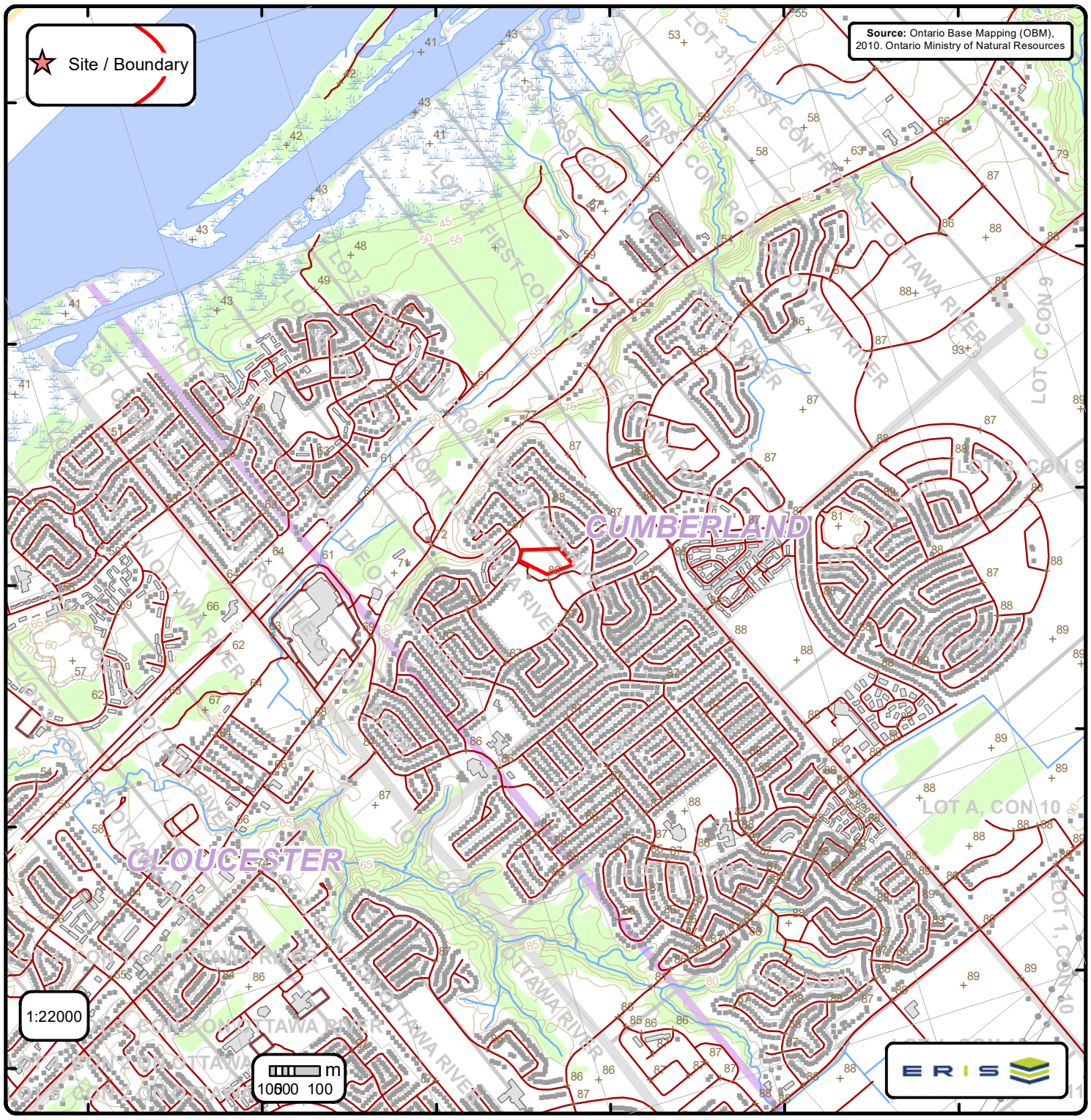
Spot Height	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads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

ANSI Report

ANSI Units Found within 2000 m of
360 Kennedy Ln E

Order No.
21080500508

ANSI Name: Petrie Island Wetland
ID: 251213632 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 4003431.47 |
Comments:



Ontario Base Mapping (OBM) Data

Order No. 21080500508

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