



ALL SAINTS DEVELOPMENT LP

UPDATE TO PHASE ONE

ENVIRONMENTAL SITE ASSESSMENT

315-317 Chapel Street, Ottawa, Ontario

FINAL REPORT

July 28, 2023

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1.0 EXECUTIVE SUMMARY

Terrapex Environmental Ltd. (Terrapex) was retained by All Saints Development LP (All Saints) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 315-317 Chapel Street and 10 Blackburn Avenue in Ottawa, Ontario (the Phase One property, hereinafter referred to as the Site).

It is understood that the study documented herein is being undertaken for the purposes of filing a Record of Site Condition (RSC) per Ontario Regulation (O. Reg.) 153/04 under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*.

The objective of the investigation was to update the findings of the report entitled *Phase One Environmental Site Assessment, 315 Chapel Street, Ottawa, Ontario, Final Report* prepared for All Saints Development Inc. by McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) and dated August 4, 2017 (the 2017 Phase One ESA), to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area (refer to Section 4.1.1. below), in order to satisfy the Phase One ESA general objectives listed in the Ontario *Records of Site Condition - Part XV.1 of the Act* regulation (O. Reg. 153/04):

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA;
- to provide a basis for carrying out any Phase Two ESA required; and,
- to provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property to conduct of a Risk Assessment following completion of a Phase Two ESA.

The Site was an L-shaped parcel located between Chapel Street, Laurier Avenue East, and Blackburn Avenue in a generally residential setting. A heritage building (former church) occupied the eastern portion, a memorial hall occupied the southern portion, and greenspace with play structures occupied the northeast portion.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, potentially contaminating activities (PCAs) were identified within the Phase One Study Area, one of which (the former heating oil AST located in the basement of the memorial hall building) led to an area of potential environmental concern (APEC) at the Site. Therefore, a Phase Two ESA is required in order to file a RSC for the Phase One Property in accordance with the requirements of O. Reg. 153/04.

A RSC cannot be filed for the Phase One Property based solely on this Phase One ESA.

2.0 INTRODUCTION

Terrapex Environmental Ltd. (Terrapex) was retained by All Saints Development LP (All Saints) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 315 Chapel Street in Ottawa, Ontario (the Phase One property, hereinafter referred to as the Site).

It is understood that the study documented herein is being undertaken for the purposes of filing a Record of Site Condition per Ontario Regulation (O. Reg.) 153/04 under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*.

2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area (refer to Section 4.1.1. below), in order to satisfy the Phase One ESA general objectives listed in the Ontario *Records of Site Condition - Part XV.1 of the Act* regulation (O. Reg. 153/04):

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property;
- to determine the need for a Phase Two ESA;
- to provide a basis for carrying out any Phase Two ESA required; and,
- to provide adequate preliminary information about environmental conditions in the land or water on, in or under the Phase One Property to conduct of a Risk Assessment following completion of a Phase Two ESA.

2.2 PHASE ONE PROPERTY INFORMATION

Information regarding the location and identification of the Phase One property and the party authorizing this study is provided in Table 1 below. Refer to Figure 1 for the location of the Site, and to Figure 2 for the general layout of the Site at the time of the site reconnaissance.

TABLE 1 SUMMARY OF PHASE ONE PROPERTY INFORMATION

Address:	315-317 CHAPEL STREET / 10 BLACKBURN AVENUE OTTAWA
Property Identification Number:	04208-0021; Part of 04208-0022
Legal Description:	LTS 9, 10, 11 & 12, PL 37220 , S/S LAURIER AV ; PT LTS 3 & 4, PL 37220 , W/S BLACKBURN AV, AS IN CR164102 ; OTTAWA/NEPEAN; and Part of Lot 4 W/S Blackburn Avenue PL 37220
UTM Coordinates (centre of site, WGS 84):	18T 447,016 m E, 5,030,634 m N
Name and Address of Owner:	All Saints Development Inc. 10 Blackburn Ave. Ottawa, Ontario, K1N 8A3

Name and Address of Authorizing Party:	Mr. Ross Farris ALL SAINTS DEVELOPMENT LP 150 Elgin Street, Suite 1000 Ottawa, Ontario, K2P 1L4
Site Area:	2,833.22 m ²

2.3 PLAN OF SURVEY

An unsealed topographic plan of survey entitled *Lots 9, 10, 11, 12 (South Laurier Avenue), Part of Lots 3 & 4 (West Blackburn Avenue), Registered Plan No. 37220, and Part of Lot 4 W/S Blackburn Avenue PL 37220 Geographic Town of Nepean, City of Ottawa*, prepared by Stantec Geomatics Ltd. and last printed on March 27, 2023 is provided in Appendix I.

2.4 ENHANCED INVESTIGATION PROPERTY

An enhanced investigation property is defined in O. Reg. 153/04 as a property that is being used or has been used, in whole or in part, for an industrial use or for commercial use as a garage, a bulk liquid dispensing facility (including a gasoline outlet), or for the operation of dry-cleaning equipment.

The Site is not an enhanced investigation property.

3.0 SCOPE OF INVESTIGATION

3.1 GENERAL

The Phase One ESA was conducted in accordance with the current requirements of O. Reg. 153/04 and as outlined in the Terrapex proposal dated February 17, 2023. The Phase One ESA also meets or exceeds the requirements of a Phase I ESA as prescribed by the Canadian Standards Association Standard Z768-01 (R2012). The five main components of the Phase One ESA scope of work are described below.

Records Review: A review was conducted of available historic and current environmental information pertaining to the Site and the Phase One Study Area in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04.

Interviews: An interview was conducted with a representative of the current owner of the Site. Representatives of the previous owners were not available.

Site Reconnaissance: A reconnaissance of the Site and accessible properties within the Phase One Study Area was conducted for evidence of potential environmental concerns.

Evaluation: The information obtained from the records review, interviews, and Site reconnaissance was reviewed, evaluated and interpreted by the Qualified Person (QP) for this project (see Section 3.2 below) in consideration of the Phase One ESA general objectives and any uncertainty associated with the data sources.

Reporting: In accordance with the requirements of Schedule D of O. Reg. 153/04, this report documents the findings, conclusions, and recommendations of the Phase One ESA and includes:

- a table of the current and past uses of the Phase One property;
- a table of identified potentially contaminating activities (PCAs) and a table of associated areas of potential environmental concern (APECs);
- a Phase One conceptual Site model (CSM); and,
- conclusions and recommendations made based on the evaluation and interpretation of information obtained for the Phase One ESA.

3.2 QUALIFIED PERSON

The Phase One ESA was supervised by Mr. Rod Rose, P.Geo. (limited), located at 20 Gurdwara Road, Unit 1 in Ottawa, Ontario. Mr. Rose holds a certificate of registration under the Professional Geoscientists Act, 2000 and is a limited member of the Association of Professional Geoscientists of Ontario is registered a licensed Limited Professional Geoscientist in Ontario and therefore meets the qualifications to be a qualified person (QP) for the purpose of conducting or supervising phase One and two site assessments and filing RSCs on the *Brownfields Environmental Site Registry*.

3.3 LIMITATIONS

It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review and interview components.

The general limitations of the study are provided in Section 8.3. Specific limitations of this Phase One ESA are as follows:

- the roof of the building was not accessible; and,
- no personnel with knowledge of the Site prior to 2015 were available for interviews.

In the opinion of the QP, none of the above limitations are considered to have compromised the objectives of the Phase One ESA.

4.0 RECORDS REVIEW

4.1 GENERAL

Terrapex obtained and reviewed records relating to the Site and surrounding properties within the Phase One Study Area, in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04. The records and sources of information reviewed are summarized below, and a list of all documents and data cited in this report is provided in Section 9.0. Note that all distances are calculated from the nearest property boundary of the site to the nearest boundary of the feature/site in question and are approximate.

4.1.1. PHASE ONE STUDY AREA DETERMINATION

To determine the Phase One Study Area, Terrapex conducted a preliminary records review to identify any conditions that might warrant an expansion of the Phase One Study Area beyond the minimum required by O. Reg. 153/04. This review included searches / reviews of the following information:

- The report entitled *Phase One Environmental Site Assessment, 315 Chapel Street, Ottawa, Ontario, Final Report* prepared for All Saints Development Inc. by McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) and dated August 4, 2017 (the 2017 Phase One ESA);
- the MECP *Brownfields Environmental Site Registry*; and,
- aerial photographs and satellite images.

The review did not identify any potential concerns warranting an expansion of the Phase One Study Area. Accordingly, the Phase One Study Area was established as comprising the Site as well as properties located, in whole or in part, within a 250 metre (m) radius of the Site boundaries. The boundaries of the Phase One Study Area are depicted in Figure 3.

4.1.2. FIRST DEVELOPED USE DETERMINATION

Information obtained during the records review portion of the work program was used to determine the date of the first developed use of the Site, as defined in O. Reg. 153/04.

Based on information provided in the 2017 Phase One ESA, the Site has been occupied by a church since its construction in 1900, with additions in the 1930s and 1950s. The area of the Site was first surveyed into lots in 1877, and based on historical records, the church was constructed as of 1900, and the site is considered to have been vacant prior to the construction of the church.

4.1.3. FIRE INSURANCE PLANS

Based on fire insurance records provided in the 2017 Phase One ESA, no fuel storage tanks or other significant findings were identified in 1958 FIPs.

A copy of the 2017 Phase One ESA is provided in Appendix II.

4.1.4. CHAIN OF TITLE

Based on information provided in the 2017 Phase One ESA, which included the review of a Chain of Title dated November 30, 2015, the owner of the property at that time was listed as the Incorporated Synod of the Diocese of Ottawa. The Site was subject to a Heritage Bylaw, and information contained in the bylaw document stated that the existing church building was constructed between 1899 and 1900, considered to be the first developed use of the Site.

Terrapex obtained a copy of the current parcel register, dated March 6, 2023, which indicated that the name of the owner was changed to All Saints Developments Inc. on September 16, 2022.

A copy of the 2017 Phase One ESA is provided in Appendix II. A copy of the Land Registry information is included in Appendix III.

4.1.5. PROPERTY USE RECORDS

Based on the results from the title search (Section 4.1.4), the ERIS environmental database search (Section 4.2.2); and, the detailed historical land use inventory (HLUI, Section 4.2.3), a review of city directories was not considered necessary for the study area.

4.1.6. ENVIRONMENTAL REPORTS

Terrapex is relying on, and updating, where necessary, the information in the 2017 McIntosh Perry Phase One ESA.

The 2017 Phase One ESA refers to an earlier environmental report entitled: *Phase I – Environmental Site Assessment, All Saints Anglican Church, 317 Chapel Street, Ottawa, Ontario*, prepared by the Paterson Group (Paterson) and dated in 2014. Terrapex was not provided with a copy of the 2014 Paterson report for review.

It was noted in the 2017 Phase One ESA that the building was likely previously heated using an oil-fired boiler fed by an above ground storage tank (AST) that was present in the basement mechanical room of the church; that It was reportedly removed in 1993;

that no evidence of an ASTs was observed during the site reconnaissance in 2014; and, that no visual or olfactory indications of contamination were observed in the basement.

It was also noted in the 2014 Phase I ESA that potential asbestos containing materials (ACMs) were identified throughout the building; it was recommended that an asbestos survey be conducted on the building.

The Phase One ESA did not recommend any other investigations based on the findings.

Terrapex was also provided with a report entitled *Geotechnical Investigation, 315 Chapel Street, Ottawa, Ontario*, prepared by Houle Chevrier Engineering for All Saints Development Inc., dated May 3, 2017.

The report was conducted for geotechnical purposes. However, some pertinent information about the stratigraphy encountered at the Site was provided.

Two boreholes were advanced at the Site, each completed as a monitoring well. Underlying surficial fill, approximately 10 m of silty clay was encountered, overlying approximately 1 m of glacial till, overlying limestone bedrock. One monitoring well was screened in the glacial till and one monitoring well was screened in slightly weather limestone bedrock.

Three months following installation, the glacial till monitoring well was dry and the water level in the slightly fractured limestone bedrock monitoring well was 13.20 m below grade (bg) (57.15 m above mean sea level (amsl)).

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1. MECP INVENTORIES

Terrapex reviewed available MECP inventory documents to identify any significant industrial sites, waste disposal sites, or polychlorinated biphenyl (PCB) storage sites within approximately 500 m of the Site. A search was also conducted of the *Brownfields Environmental Site Registry* to identify any properties within the Phase One Study Area for which RSCs have been recently filed and which were not identified in the ERIS database search (see Section 4.2.2).

MOE Inventory of Coal Gasification Plant Waste Sites in Ontario: A review of information provided in the inventory document did not identify former coal gasification plant waste sites at the Site or within approximately 500 m of the Site.

MOE Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario: A review of the inventory document did not identify industrial sites producing or using coal tar or related tars at the Site or within 500 m of the Site.

MOE Waste Disposal Site Inventory: There are no closed or active waste disposal sites located within 500 m of the Site.

4.2.2. ERIS ENVIRONMENTAL DATABASES

A review of an ERIS report was included in the 2017 Phase One ESA. However, the ERIS report was not attached to the document. Terrapex obtained a current (*March 10, 2023*) ERIS report for the study area which searched government and privately owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04, excluding the areas of natural significance maintained by the Ontario Ministry of Natural Resources and Forestry (MNR), and environmental reports submitted to the MECP.

The report from ERIS includes a detailed report which presents information for the records found, a Site diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched.

As noted in the 2017 Phase One ESA, one fuel oil spill was reported at the Site on March 20, 1991, arising from a leaky boiler pump seal. No volume of fuel oil was provided in the record.

No other potential contaminating activities (PCAs) that would contribute to area(s) of potential environmental concern (APECs) were identified in the ERIS report, a copy of which is provided in Appendix IV.

4.2.3. GOVERNMENT AND REGULATORY DOCUMENTATION

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site, and/or any available information pertaining to nearby water bodies and areas of natural significance within the Phase One Study Area. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix V.

Ontario Ministry of the Environment, Conservation and Parks: Information from the MECP was attached to the 2017 Phase One ESA. Pertinent information that was provided included an occurrence report for a 1991 stove oil (kerosene) release from a leaky pump seal on a boiler. The occurrence report goes on to note that the spill volume was 0.5 L that was pumped to the sanitary sewer.

Terrapex contacted the Environmental Property Information (EPI) Program with the MECP's Corporate Management Division to determine if records for the Site existed in its source system applications.

On March 14, 2023, a response was received that indicated that the following records existed: Drinking Water Systems; Correspondence, Abatement, Occurrence Reports; and, Inspections. Upon review of the documents attached to the 2017 Phase One ESA, it does not appear that more recent records are available at the MECP. Therefore, a MECP freedom of information (FOI) request was not submitted as part of this Phase One ESA Update.

A copy of the MECP response is provided in Appendix V.

Technical Standards & Safety Authority: The TSSA is the Provincial regulatory agency responsible for overseeing fuels storage in Ontario and maintaining a database of all registered fuel storage tanks in Ontario. It should be noted that the TSSA did not register private fuel USTs/ASTs prior to January 1990 or furnace oil tanks prior to May 1 2002. Additionally, the TSSA does not register waste oil tanks in apartments, office buildings, residences etc.

The TSSA was contacted during the records review of the 2017 Phase One ESA and they responded that they did not have any records of fuel storage tanks at the Site. Based on the date of the removal of the oil-fired equipment at the Site (1993), a FOI request was not undertaken as part of this Phase One Update.

Ontario Ministry of Natural Resources and Forestry: Terrapex conducted a search of the information provided on the Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario (LIO) on-line map of Natural Heritage Areas to identify any environmentally sensitive areas or areas of natural significance within the Phase One Study Area. Search results indicated that there are no Provincial Parks, Conservation Reserves, Areas of Natural or Scientific Interest, or Wetlands in the Phase One Study Area.

RVCA: Mapping available on the Rideau Valley Conservation Authority (RVCA) website indicates that the Site is within the Rideau River – Rideau Falls catchment, outside of a regulated area.

The nearest mapped water body indicated on the RVCA website is the Rideau River approximately 400 m east of the Site.

City of Ottawa Historic Land Use Inventory: In 1999, the former Regional Municipality of Ottawa-Carleton commissioned the preparation of a Historic Land Use Inventory (HLUI). The purpose of the HLUI was to collect information on the type and location of all land uses within the boundaries of the former Regional Municipality of Ottawa-Carleton (now the City of Ottawa) which had or have the potential to cause contamination in soil, groundwater or surface water.

The City of Ottawa provided a copy of the HLUI record for the Site. A copy of the HLUI search results is provided in Appendix V, and current and/or historical tank locations identified in the HLUI report are shown on Figure 3.

Other pertinent results of the HLUI report are provided below:

- Parker Clean and Wilbrod Coin Laundry were located at 332 Friel Street and 315 Wilbrod Street, in 1970 and 1990, respectively (approximately 200 m northwest of the Site); and,
- An electric rail line ran along Laurier Street, to the north of the Site, between 1895 and 1954.

4.2.4. CLIENT FILE INFORMATION

In addition to the 2017 Phase One ESA and the 2017 Geotechnical Report, the Client provided Terrapex with a set of proposed development concept drawings. However, no other environmentally pertinent information was provided.

4.3 PHYSICAL SETTING SOURCES

4.3.1. AERIAL PHOTOGRAPHS

A review of aerial photographs and satellite images from 1928, 1958, 1965, 1976, 1999, 2002, 2008, and 2014, obtained from the City of Ottawa's GeoOttawa mapping application (GeoOttawa), was included in the 2017 Phase One ESA (provided in Appendix II).

It was noted that the existing church was visible in 1928 and that the surrounding properties were of residential land-use; that the on-Site addition (Bates Memorial Hall) was visible in 1958; and, that the play structures were visible in 1999. No other significant changes at the Site or surrounding properties were noted since 1928.

Terrapex reviewed satellite images from 2017 and 2021, available on GeoOttawa, to update the observations in the 2017 Phase One ESA.

No significant changes at the Site were observed since 2014. A large redevelopment project was underway approximately 150 m west of the Site in 2017 that was complete in 2021. No other significant changes were observed within the study area. Copies of the 2017 and 2021 aerial imagery are provided in Appendix VI.

4.3.2. TOPOGRAPHY, HYDROLOGY, GEOLOGY

Topographic Mapping: The 2017 Phase One ESA placed the Site at approximately 70 m above mean seal level (amsl) and noted that the Site was at a higher elevation than surrounding properties, sloping to the northeast. The surrounding area was noted to be generally flat.

Based on the interpreted topographic contours provided on GeoOttawa, a ridge is located approximately 100 m south of the Site, oriented southwest-northeast and descending approximately 10 m before levelling off. The Rideau River, located approximately 400 m east of the Site, was at an elevation of approximately 56 m amsl.

Geologic Mapping: Based on the information in the 2017 Phase One ESA, the overburden at the Site consists of older alluvial deposits, described as clay, silt, sand and gravel that may contain organic remains; and, based on the 2017 geotechnical investigation, overburden on the subject property was described as: topsoil/fill underlain by silty clay, sand silt with some clay and gravel (till) underlain by bedrock.

The bedrock on Site and in the area was composed of Paleozoic rock of the Verulam Formation, consisting of interbedded limestone and shale. The 2017 geotechnical report noted that limestone bedrock was encountered at approximately 12 and 14 m bg.

Inferred Groundwater Flow Direction: It is likely that the shallow silty clay, extending to depths of approximately 10 m bg, is acting as an aquitard overlying a confined limestone bedrock aquifer. Based on information in the WWIS (described in Section 4.3.5.) perched groundwater may be present in the aquitard. However, not enough information is available to interpret a perched groundwater flow direction at the Site, which may be influenced by subsurface structures, utilities, or other features.

Groundwater flow in the limestone bedrock aquifer is anticipated to be to the northwest toward the Ottawa River.

4.3.3. FILL MATERIALS

Fill materials are not suspected to be present at the site, other than possibly minor quantities of engineered sand/gravel fill used during construction of the various structures and associated parking areas.

4.3.4. WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

Water Bodies: Based on the review of the aerial photographs, satellite images, and topographic maps, the Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04.

Areas of Natural Significance: As indicated in Section 4.2.3, the Site does not include, and is not within, adjacent to, or within 30 m of, an area of natural significance as defined in O. Reg. 153/04.

4.3.5. WELL RECORDS

Oil and Gas Wells: There was no evidence in the documents reviewed to indicate that there are any operating or abandoned oil and gas wells present on the Site or within the Phase One Study Area. ERIS did not find any records on either of the two oil and gas well databases.

Water Wells: The 2017 Phase One ESA noted six (6) water well records within 250 m of the Site. None of which were supply wells.

The Water Well Information System (WWIS) was searched on March 24, 2023 for a radius of 400 m from the Site centroid. 18 water well records were identified, drilled between 2006 and 2019 to depth ranging between 3.35 m below grade (bg) and 9.14 m bg. Bedrock was not encountered in any of the boreholes. None of the records were for supply wells. It should be noted that, the monitoring wells installed at the Site in 2017 were not listed in the WWIS.

A copy of the water well report is provided in Appendix VII.

4.4 SITE OPERATING RECORDS

As the site was determined not to constitute an Enhanced Investigation Property as defined in O. Reg. 153/04, a review of site operating records was not required by the regulation.

5.0 INTERVIEWS

5.1 SITE REPRESENTATIVE

Mr. Jeff Murray of Terrapex interviewed Ms. Leanne Moussa, president of All Saints Development Inc. on March 17, 2023. The relevant information obtained during the interview is summarized below.

- Ms. Moussa has been involved with the Site for 8 years.
- At the time of the interview the Site was being used for event space, a restaurant, and furniture store. Previously the Site was used for the All Saints Church, a daycare, and a domestic violence shelter.
- A designated substance survey had been undertaken for building materials at the Site and an asbestos management plan was in place.
- Buildings at the Site were currently heated using natural gas-fired equipment. However, the church building was previously heating with an oil-fired boiler. Ms. Moussa was aware of a historical spill from a basement AST in the 1990s. However, did not have any additional information.
- A sump was also located in the basement.

The statements and information provided by Ms. Moussa were consistent with information obtained from other sources as part of the Phase One ESA investigation.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The site reconnaissance was conducted to identify, describe, and document the following items at the Site, in accordance with Schedule D of O. Reg. 153/04:

- the presence and condition of any structures, including buildings, below-ground structures, aboveground storage tanks (ASTs), and underground storage tanks (USTs), as well as potable and non-potable water sources;
- the type and approximate locations of any utilities and services;
- the interiors of any buildings, specifically noting exit and entry points, heating/cooling systems, drains, pits, sumps, unidentified substances, and stains/corrosion on floors;
- the presence and types of wells, sewage works, ground cover, and any current or former railway lines or spurs; and,
- the nature and extent of any areas of stained soil or pavement, stained or stressed vegetation, fill and debris materials, PCAs, and unidentified substances.

The site reconnaissance also included a cursory inspection of the surrounding properties within the Phase One Study Area to identify, describe, and document any PCAs, water bodies, and areas of natural significance, as defined in O. Reg. 153/04. Observations of the surrounding properties within the Phase One Study Area made during the site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points.

Details regarding the site reconnaissance are provided in Table 2.

TABLE 2 SITE RECONNAISSANCE PARTICULARS

Date, Time and Duration of Investigation	Weather Conditions	Tour Guide	Occupant/Use of Facility During the Investigation	Names and Qualifications of Persons Conducting the Investigation
March 17, 2023 at 8am	Overcast -5C	Ms. Leanne Moussa	Restaurant, event space, hall	Mr. Jeff Murray, CET.

Selected photographs of the Site and Phase One study area are provided in Appendix VIII.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1. SITE DESCRIPTION

General Site Features: The Site was an L-shaped parcel located between Chapel Street, Laurier Avenue East, and Blackburn Avenue in a generally residential setting.

A heritage building (former church) occupied the eastern portion, a memorial hall occupied the southern portion, and greenspace with play structures occupied the northeast portion.

Rights-of-Way: No Rights-of-Way were known to be present at the Site.

Access and Roadways: A small parking area was located to the south of the former church that was accessible from Chapel Street.

Rail Spurs: No rail spurs are present at the Site.

Debris and Fill Material: No debris or fill material was observed at the Site.

6.2.2. SITE INFRASTRUCTURE

Heating and Cooling: At the time of Site reconnaissance the buildings at the Site were heated with a natural gas-fired boiler and cooled with a central air conditioning system. It was noted that water from the boiler was leaking to a basement sump.

Water Supplies: The Site and surrounding area are serviced with municipally supplied potable water.

Electrical Services: Hydro service was delivered to on-Site buildings through overhead wires.

Wastewater and Sewage Disposal: On-Site buildings were connected to the City of Ottawa sanitary sewer.

Stormwater Management: No catch basins were observed at the time of the site reconnaissance. Stormwater is assumed to drain to adjacent properties and to the road.

Drains, pits or sumps: Floor drains were observed in the bathrooms and kitchen and a sump was observed in the basement. It was anticipated that each of the drains and sump were connected to the sanitary sewer.

Underground Utility and Service Corridors: Aside from water and sewer services, no other underground utility and/or service corridors were observed during Site reconnaissance.

Wells: No wells or evidence of abandoned wells were observed on the Site, including those installed in 2017. However, yards and parking areas at the Site were snow-covered at the time of Site reconnaissance.

6.2.3. BUILDING DESCRIPTIONS

The buildings at the Site are the former church building and the hall building. The two buildings are connected by a hallway/corridor. The hall building consists of office space, storage space, and a furniture store. The former church building comprises a restaurant space in the basement and an event space in the former church main room.

Both buildings are gothic style, stone constructions, with wood frames. The exterior of both buildings is stone. A portion of the hall building on the west side has stucco exterior finish. The hall building is a two-storey building with shingle roof. The church building is a two-storey building with a shingle roof. The church building includes a tower. A wrought-iron fence encloses portions of the property along the north side of the buildings. The enclosed areas include an outdoor dining area for the restaurant and a play area from the former daycare at the Site.

The interior walls are primarily finished with wood panel wainscoting, and painted drywall. The interior of the dwelling has tile floors and painted drywall ceilings. Lighting is incandescent or fluorescent on the interior.

6.2.4. MATERIALS HANDLING AND STORAGE

Storage Tanks: The footprint of a former fuel oil-fired boiler and associated AST was observed in the basement of the memorial hall. No other evidence of current or historical underground or aboveground storage tanks, or other subsurface containment structures was observed at the Site during the site reconnaissance.

Storage Containers: No unusual or storage containers of concern were observed at the Site.

Hazardous Materials: The Site has an asbestos management plan. No other hazardous materials were observed at the Site during the site reconnaissance.

Waste Management: Waste management practices were observed to be typical for the property use at the Site. No concerning waste management practices were observed.

Unidentified Substances: There were no unidentified substances observed at the Site.

Residues and Staining: No staining or residues were observed on the Site during the site reconnaissance.

Stressed Vegetation: No stressed vegetation was observed at the Site.

Odours: No unusual odours were noted during the site reconnaissance.

6.2.5. POTENTIALLY CONTAMINATING ACTIVITY

The footprint of a former fuel oil boiler/AST was observed in the basement of the memorial hall. No other PCAs were observed at the Site during Site reconnaissance.

6.2.6. REGULATED MATERIALS AND DESIGNATED SUBSTANCES

It was understood that a designated substance and hazardous material survey had been completed at the Site and that an asbestos management plan was in place at the time of Site reconnaissance.

6.2.7. ENHANCED INVESTIGATION PROPERTY

The Site is not considered an Enhanced Investigation Property.

6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY

The Site was located in a residential setting. No PCAs were observed within the Phase One Study Area during Site reconnaissance.

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

The site reconnaissance was conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One Study Area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the site reconnaissance are provided above in Sections 6.2 and 6.3, for the Site and the Phase One Study Area, respectively.

Discussions regarding the identification of PCAs on the Site and on surrounding properties with the Phase One Study Area are provided below in Section 7.2.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The current registered owner of the Site was All Saints Development Inc. The Site was first developed as a church in 1899-1900. Prior to that it was vacant and/or agricultural, without any structures. A summary of the current and past uses of the property is provided in Table 3 below.

TABLE 3 CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

Year	Name Of Owner	Description Of Property Use	Property Use	Source
Prior to 1892	Unknown	Vacant / Agricultural	Agricultural	2017 Phase One ESA (Chain of Title)
1900 – 1922	Private Individuals	Church	Community	2017 Phase One ESA (Chain of Title)
1922 – 2015	All Saints Church et. al.	Church with Memorial Hall	Community	2017 Phase One ESA (Chain of Title) Parcel Register 1928 aerial photograph
2015 – current	All Saints Development Inc.	Church with Memorial Hall used as restaurant and furniture store	Community	2017 Phase One ESA (Chain of Title) Parcel Register

7.2 POTENTIALLY CONTAMINATING ACTIVITY

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, PCAs were identified within the Phase One Study Area. Details regarding the PCAs are provided below in Table 4. PCA locations are shown in Figure 4.

TABLE 4 POTENTIALLY CONTAMINATING ACTIVITIES

PCA ¹	Address (Location) ²	Potentially Contaminating Activity ³	Description	Source	Likelihood to Contribute to an APEC	Uncertainty
PCA1	Site	28 – Gasoline and Associated Products Storage in Fixed Tanks	Fuel Oil Spill	2017 Phase One MECF FOI	Possible	Low
PCA2A	345 Laurier Ave (30m N)	28 – Gasoline and Associated Products Storage in Fixed Tanks	9,080L Fuel Oil UST (1967)	HLUI	Unlikely	Low
PCA2B	404 Laurier Ave. (100m E)	28 – Gasoline and Associated Products Storage in Fixed Tanks	13,620L Fuel Oil AST (1959)	HLUI	Unlikely	Low
PCA2C	27 Gouldburn Ave. (100m E)	28 – Gasoline and Associated Products Storage in Fixed Tanks	4,540L Fuel Oil (1947) 181.6L gasoline (1922)	HLUI	Unlikely	Low

PCA ¹	Address (Location ²)	Potentially Contaminating Activity ³	Description	Source	Likelihood to Contribute to an APEC	Uncertainty
PCA2D	21 Blackburn Ave. (60m SE)	28 – Gasoline and Associated Products Storage in Fixed Tanks	544.8L gasoline (1924)	HLUI	Unlikely	Low
PCA2E	353 Friel St. (100m WNW)	28 – Gasoline and Associated Products Storage in Fixed Tanks	9,080L Fuel Oil UST (1954)	HLUI	Unlikely	Low
PCA2F	55 Sweetland Ave. (175m SW)	28 – Gasoline and Associated Products Storage in Fixed Tanks	9,080L Fuel Oil UST (1965)	HLUI	Unlikely	Low
PCA2G	240 Stewart St (175m NW)	28 – Gasoline and Associated Products Storage in Fixed Tanks	4,540L Oil AST (1957)	HLUI	Unlikely	Low
PCA2H	245 Augusta St. (160m N)	28 – Gasoline and Associated Products Storage in Fixed Tanks	227L gasoline (1927)	HLUI	Unlikely	Low
PCA3	332 Friel St. (220m NW)	30 - Operation of Dry Cleaning Equipment (where chemicals are used)	Parker Clean (1960 - 1980)	HLUI	Unlikely	Low

¹ As shown on Figure 4.

² Direction and approximate distance between nearest property limits

³ As set out in Table 2 in Schedule D of O. Reg. 153/04

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

An area of potential environmental concern, as defined in O. Reg. 153/04, is the area on, in, or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One property and (b) identification of potentially contaminating activity.

APECs are summarized in Table 5 below and shown on Figure 5.

TABLE 5 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Area of Potential Environmental Concern ¹	Location Of Area of Potential Environmental Concern On Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site Or Off-Site)	Contaminants Of Potential Concern ³	Media Potentially Impacted (Ground water, Soil, and/or Sediment)
APEC 1	Vicinity of basement Oil-fired boiler system	28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	- BTEX and PHCs	- Soil

¹ Areas of potential environmental concern means the area on, in or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One property, and (b) identification of potentially contaminating activity.

² Potentially contaminating activity means 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.

³ Contaminants of potential concern according to the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004, amended as of July 1, 2011:
 BTEX: benzene, toluene, ethylbenzene, xylenes
 PHCs: petroleum hydrocarbons (F1-F4)

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The phase one ESA conceptual site model (CSM) showing the surrounding land use (with water bodies, areas of natural significance, drinking water wells, roads and adjacent property uses), PCAs, and APECs is presented on Figures 2, 3, 4 and 5. A summary of the CSM is provided below.

Site Features: The Site is an irregular-shaped parcel of land located immediately south of Laurier Avenue (between Chapel Street and Blackburn Avenue) in Ottawa, Ontario. The property is relatively flat. There are two buildings on the Site, a single-storey church with attached tower and basement, and a 2-storey hall building with a paved parking area on the west side of the building. Mature trees are located in the northern portion of the property along Laurier Avenue. The property is bordered by Laurier Avenue to the north, Blackburn Avenue to the east, residential properties to the south, and Chapel Street to the west.

Site History: The Site was first developed as a church circa 1900 and the memorial hall was constructed prior to 1928. The Site has generally remained unchanged since that time.

Uses of Adjacent Properties: The Site is located in a residential setting.

Existing Buildings and Structures: The Site was first developed as a church circa 1900 and the memorial hall was constructed prior to 1928. The Site has generally remained unchanged since that time.

Water Bodies: Based on the review of the aerial photographs, satellite images, and topographic maps, the Site does not include, and is not adjacent to, or within 30 m of a water body, as defined in O. Reg. 153/04.

Areas of Natural Significance: As indicated in Section 4.2.3, the Site does not include, and is not within, adjacent to, or within 30 m of an area of natural significance, as defined in O. Reg. 153/04.

Drinking Water Wells: No drinking water wells are present at the Site, nor was any evidence identified to suggest drinking water wells have previously been present at the Site. No records of drinking water wells were located within the Phase One Study Area.

Geology/Hydrogeology: The overburden at the Site consists of older alluvial deposits, described as clay, silt, sand and gravel that may contain organic remains. Overburden on the subject property was described as: topsoil/fill underlain by silty clay, sand silt with some clay and gravel (till) underlain by bedrock.

The bedrock on Site and in the area was composed of Paleozoic rock of the Verulam Formation, consisting of interbedded limestone and shale. It was noted that limestone bedrock

at the Site was encountered at approximately 12 and 14 m bg.

It is likely that the shallow silty clay, extending to depths of approximately 10 m bg, is acting as an aquitard overlying a confined limestone bedrock aquifer. Perched groundwater may be present in the aquitard. However, not enough information is available to interpret a perched groundwater flow direction at the Site, which may be influenced by subsurface structures, utilities, or other features.

Groundwater flow in the limestone bedrock aquifer is anticipated to be to the northwest toward the Ottawa River.

Potentially Contaminating Activities: Ten (10) PCAs, as listed in Table 2 of Schedule D of O. Reg. 153/04, were identified within the Study Area:

- PCA 28 – Gasoline and Associated Products Storage in Fixed Tanks; and
- PCA 37 – Operation of Dry Cleaning Equipment (where chemicals are used).

One, the former fuel oil AST located in the basement of the memorial hall building, contributed to an APEC at the Site.

Areas of Potential Environmental Concern: As a result of that PCA one APEC was identified at the Site:

- APEC 1 – the vicinity of the former fuel oil AST and boiler in the basement of the memorial hall building.

Contaminants of Potential Concern: The Contaminants of Potential Concern (COPCs) associated with the on-site APEC comprise BTEX and PHCs F1 – F4.

Migration Pathways: It is anticipated that any fuel oil release from the oil-fired boiler in the basement would migrate through cracks in the floor and subsequently into the underlying silty clay soil.

Uncertainty: Given that the location of the former boiler was evident during Site reconnaissance, the uncertainty related to the investigation location is low.

Notwithstanding the above, it should be noted that Phase One ESAs have inherent limitations, and therefore findings cannot be considered definitive (i.e., the findings of a Phase One ESA are inherently associated with some uncertainty).

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED

Based on the findings and results of the Phase One ESA, at least one APEC has been identified at the Site; therefore, a Phase Two ESA is required in order to file an RSC for the Phase One Property in accordance with the requirements of O. Reg. 153/04.

8.2 RSC BASED ON PHASE ONE ESA ALONE

An RSC cannot be filed for the Phase One Property based solely on this Phase One ESA.

8.3 SIGNATURES

The environmental assessment described herein was conducted in accordance with the terms of reference for this project, as agreed upon by All Saints Development LP and Terrapex Environmental Ltd.

The Phase One Environmental Site Assessment of the property located at 315-317 Chapel Street in Ottawa, Ontario, which included the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance has been conducted in accordance with Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the Environmental Protection Act), made under the *Environmental Protection Act*, by or under the supervision of a Qualified Person. The qualifications of the assessors are included in Appendix IX.


In assessing the environmental conditions and history of the Site, Terrapex Environmental Ltd. has relied in good faith on information provided by others, as noted in this report, and has assumed the information provided to our firm is factual and accurate. Observations of the surrounding properties within the Phase One Study Area were limited to areas visible from the site or from publicly accessible areas and vantage points. Terrapex Environmental Ltd. accepts no responsibility for any deficiency, misstatement, or inaccuracy in this report resulting from the information provided by others. Further, Terrapex Environmental Ltd. shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase One Environmental Site Assessment was conducted.

Terrapex Environmental Ltd. has exercised due care, diligence, and judgement in the performance of this Phase One Environmental Site Assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the Site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the Phase One Environmental Site Assessment,


and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time.

This report has been prepared for the sole use of All Saints Development LP. Terrapex Environmental Ltd. accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than All Saints Development LP.

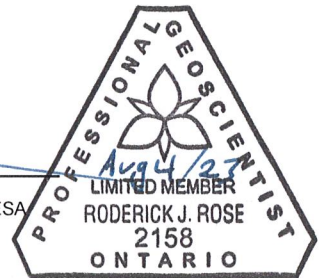
Respectfully submitted,
TERRAPEX ENVIRONMENTAL LTD.



Jason O'Bright, P.Eng.
Project Engineer



Rod Rose, P.Geo. (limited), QP_{ESA}
Senior Project Manager



9.0 REFERENCES

Regulations and Guidelines

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

Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011

Property Use Information:

Parcel Register (abbreviated) for Property Identifier 04208-0021 (LT) Land Registry office #4, Service Ontario.

Abstract of Title prepared by Read Abstracts Limited, Sep 6, 2022,

Site Plans:

Topographic plan of survey of *Lots 9, 10, 11, 12 (South Laurier Avenue), Part of Lots 3 & 4 (West Blackburn Avenue), Registered Plan No. 37220, Geographic Town of Nepean, City of Ottawa*, prepared by Stantec Geomatics Ltd. and last printed on March 27, 2023

Topographic plan of survey of *Part of Lot 4 (West Blackburn Avenue), Registered Plan No. 37220, Geographic Town of Nepean, City of Ottawa*, prepared by Stantec Geomatics Ltd. and last printed on May 4, 2023

Previous Reports:

Phase One Environmental Site Assessment, 315 Chapel Street, Ottawa, Ontario, Final Report prepared for All Saints Development Inc. by McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) and dated August 4, 2017.

Geotechnical Investigation, 315 Chapel Street, Ottawa, Ontario, prepared by Houle Chevrier Engineering for All Saints Development Inc., dated May 3, 2017.

Environmental Source Information:

Ontario Ministry of the Environment (MOE), Ministry of the Environment and Climate Change (MOECC) and Ministry of the Environment, Conservation and Parks (MECP) documents and databases:

- Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II (April 1987), prepared for MOE by Intera Technologies Ltd. (Intera)
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume I (November 1988), prepared for MOE by Intera
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II (November 1988), prepared for MOE by Intera
- Waste Disposal Site Inventory (June 1991)
- MOECC *Brownfields Environmental Site Registry* website

Federal government, provincial government, and private source database records available through ERIS Environmental Risk Information Services Ltd. (ERIS) for locations within 300 m of the Site.

Regulatory file information and documentation regarding environmental concerns related to the site, and/or information pertaining to water bodies and areas of natural significance within the Phase One Study Area, available from:

- MECP Freedom of Information and Protection of Privacy Office
- Ontario Ministry of Natural Resources and Forestry (MNR) Natural Heritage Area on-line mapping
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division
- City of Ottawa Historic Land Use Inventory.

City of Ottawa Zoning and property information from the City of Ottawa's GeoOttawa mapping application (GeoOttawa).

Physical Setting Sources

Aerial photographs and satellite images from 2017, and 2021 (not addressed in the previous Phase One ESA), obtained from the City of Ottawa's GeoOttawa mapping application (GeoOttawa).

Interactive Mapping available on the Rideau Valley Conservation Authority (RVCA) website

Topographic Map: National Topographic Systems (NTS), Energy, Mines and Resources Canada, (1:50,000), Atlas of Canada Toporama mapping, available from the Natural Resources Canada website: <http://atlas.nrcan.gc.ca/site/english/index.html>.

MNR 1:22,000 scale Ontario Base Map (OBM) of Ottawa, Ontario, 2010.

The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey, Miscellaneous Release – Data 22 Chapman and Putnam, 2007 map provided by ERIS.

Ontario Geological Survey map entitled *Surficial Geology of southern Ontario*, map provided by ERIS.

Ontario Geological Survey map entitled *Bedrock Geology of Ontario*, map provided by ERIS.

Agriculture and Agri-Food Canada, Detailed Soil Survey National Database (NSDB) (ON Soils), 2014, map provided by ERIS.

Well record information available from ERIS on the Water Well Information System databases and from the MOECC Environmental Monitoring and Reporting Branch Water Well Information System, on-line mapping application

Interviews

Interview on March 17, 2023 with Ms. Leanne Moussa, President of All Saints Development Inc., during Terrapex's site reconnaissance


FIGURES



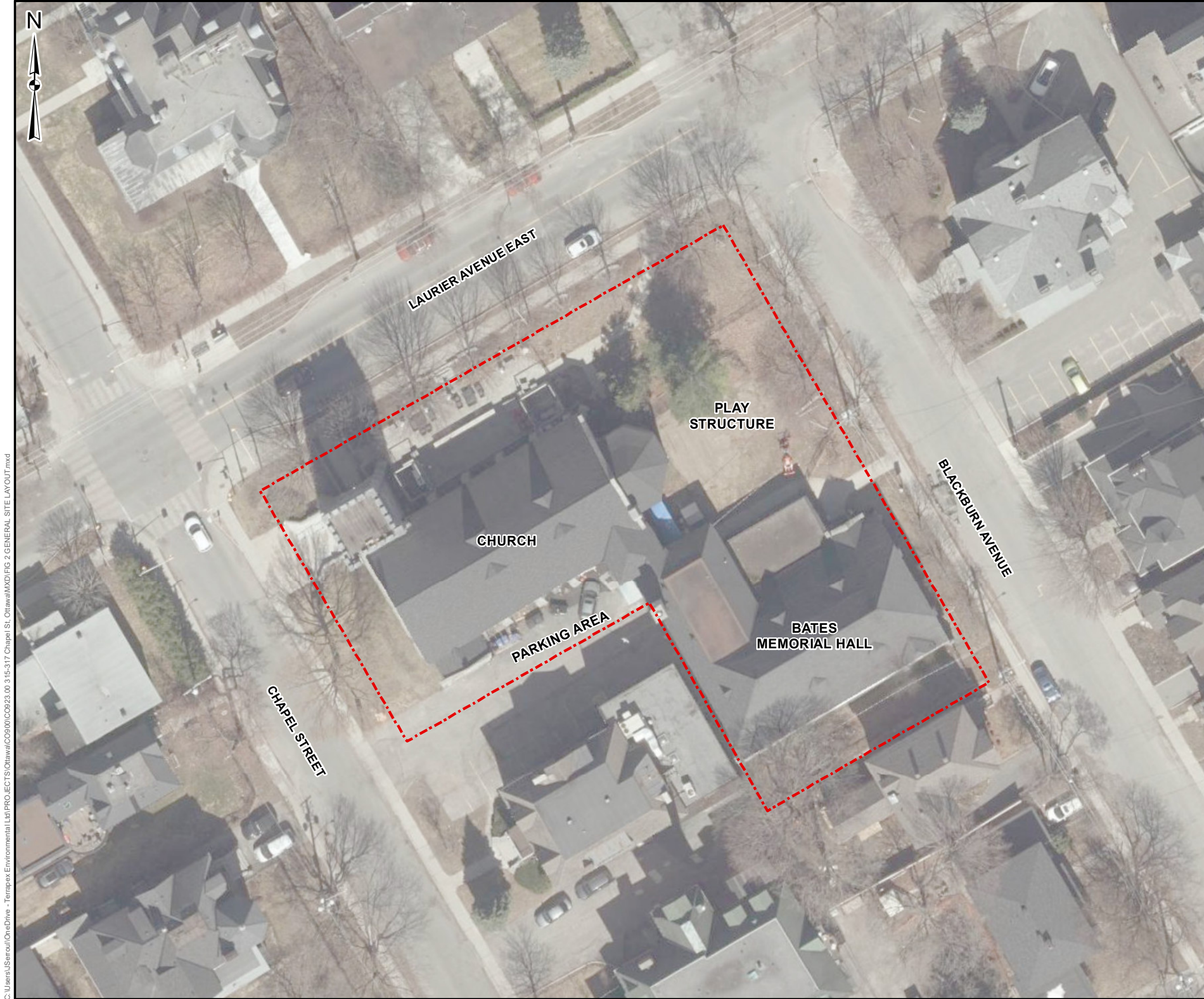
C:\Users\jserrouf\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO923.00\315-317 Chapel St, Ottawa\MXD\FIG 1 SITE LOCATION.mxd


LEGEND

 SITE BOUNDARY

CLIENT:			ALL SAINTS DEVELOPMENT LP		
SITE LOCATION:			315-317 CHAPEL STREET OTTAWA, ONTARIO		
					
TITLE:			SITE LOCATION		
DRAWN BY: JS	PROJECT NO.: CO923.00	CHECKED BY: JOB			
REVISION: 00	DATE: JULY 2023	FIGURE: 1			

DATA SOURCE: ESRI
 MAP PROJECTION: NAD 1983 UTM Zone 18N




LEGEND
 SITE BOUNDARY

0 5 10 15
 Metres

DATA SOURCE: CITY OF OTTAWA
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
 ALL SAINTS DEVELOPMENT LP

SITE LOCATION:
 315-317 CHAPEL STREET
 OTTAWA, ONTARIO



TITLE:
GENERAL SITE LAYOUT

DRAWN BY: JS	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: JULY 2023	FIGURE: 2

C:\Users\JSerrouil\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO923.00 315-317 Chapel St, Ottawa\MXD\FIG 2 GENERAL SITE LAYOUT.mxd



LEGEND

- SITE BOUNDARY
- STUDY AREA
- ⊕ MECP WATER WELL RECORD
- HLUI TANKS

NOTE:
ALL MECP WATER WELL RECORDS ARE NON SUPPLY WELLS.



DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
ALL SAINTS DEVELOPMENT LP

SITE LOCATION:
**315-317 CHAPEL STREET
OTTAWA, ONTARIO**



TITLE:
**PHASE ONE STUDY AREA AND
SURROUNDING LAND USES**

DRAWN BY: JS	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: JULY 2023	FIGURE: 3

C:\Users\JSerrouil\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO923.00 315-317 Chapel St, Ottawa\MXD\FIG 3 STUDY AREA.mxd



LEGEND

SITE BOUNDARY
 STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITY (PCA)

ON-SITE PCA LEADING TO APEC
 OFF-SITE PCA NOT LEADING TO APEC

POTENTIALLY CONTAMINATING ACTIVITY TYPES

28. GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
 30. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY

NOTE:

● PCA ID (PCA TYPE)

REFER TO TABLE 17 IN THE REPORT FOR ADDITIONAL DETAILS.

DATA SOURCE: CITY OF OTTAWA
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:

ALL SAINTS DEVELOPMENT LP

SITE LOCATION:

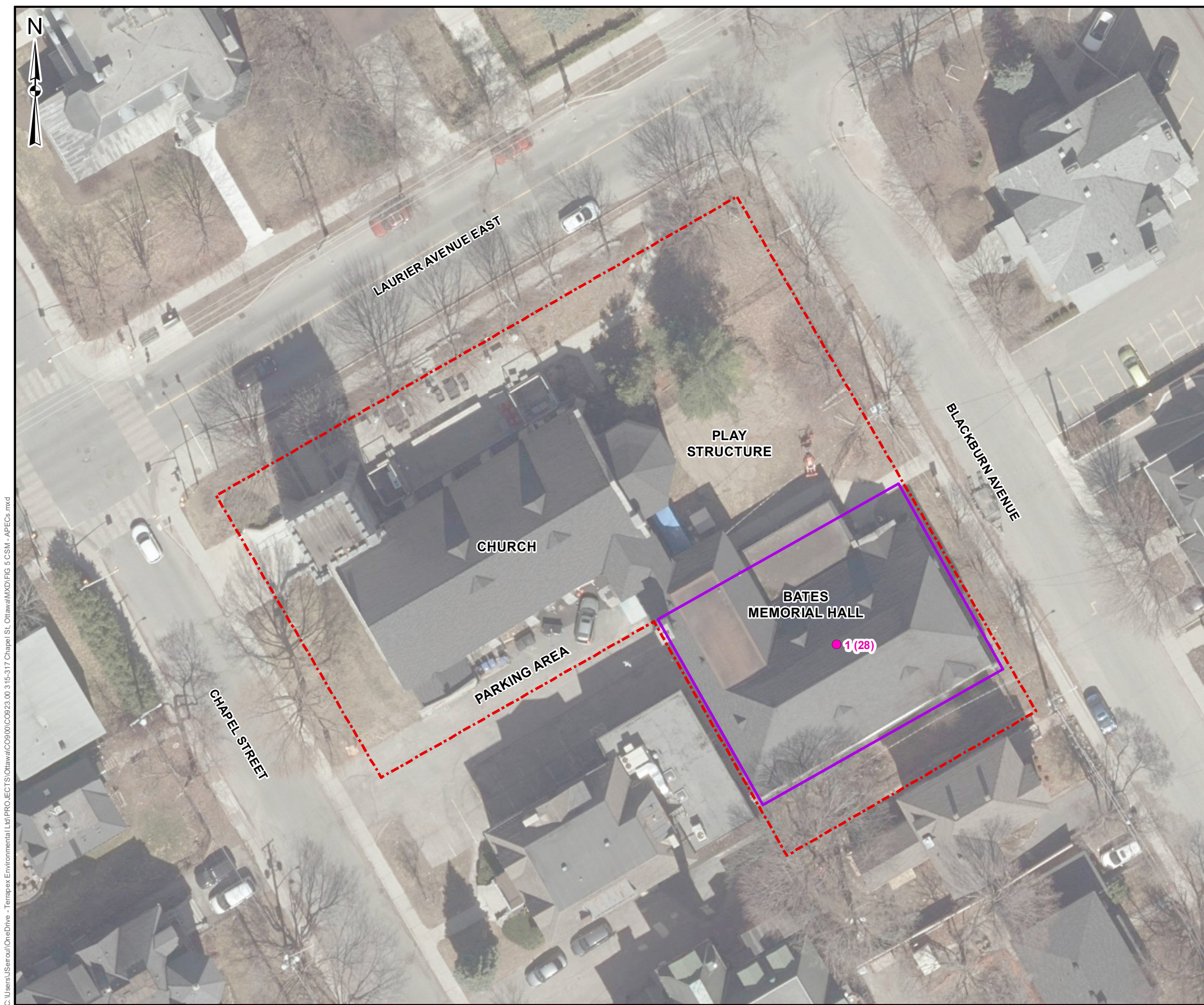
315-317 CHAPEL STREET
 OTTAWA, ONTARIO



TITLE:

CONCEPTUAL SITE MODEL AND POTENTIALLY CONTAMINATING ACTIVITIES

DRAWN BY: JS/SW	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: JULY 2023	FIGURE: 4



LEGEND

SITE BOUNDARY

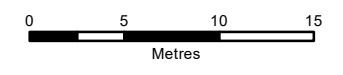
POTENTIALLY CONTAMINATING ACTIVITY (PCA)

ON-SITE PCA LEADING TO

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

APEC 1

APEC	PCA TYPE	DESCRIPTION
1	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS



DATA SOURCE: CITY OF OTTAWA
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
 ALL SAINTS DEVELOPMENT LP

SITE LOCATION:
 315-317 CHAPEL STREET
 OTTAWA, ONTARIO




TITLE:
CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

DRAWN BY: JS/SW	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: JULY 2023	FIGURE: 5

APPENDIX I

27 March 2023 12:29 PM

ASSOCIATION OF ONTARIO
LAND SURVEYORS
PLAN SUBMISSION FORM
V-39335



THIS PLAN IS NOT VALID
UNLESS IT IS AN EMBOSSED
ORIGINAL COPY
ISSUED BY THE SURVEYOR
In accordance with
Regulation 1026, Section 24(3)



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TOPOGRAPHIC PLAN OF SURVEY OF
LOTS 9, 10, 11, 12 (SOUTH LAURIER AVENUE)
PART OF LOTS 3 & 4 (WEST BLACKBURN AVENUE)
REGISTERED PLAN NO. 37220
(GEOGRAPHIC TOWNSHIP OF NEPEAN)
CITY OF OTTAWA

Scale 1:200
10 METRES

Stantec Geomatics Ltd.
ONTARIO LAND SURVEYORS

METRIC CONVERSION
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE
CONVERTED TO FEET BY DIVIDING BY 0.3048

BEARING NOTE
BEARINGS ARE GRID, DERIVED FROM CAN-NET VRS NETWORK. GPS OBSERVATIONS ON NCC
HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, CENTRAL MERIDIAN, 76° 30'
WEST LONGITUDE MTM ZONE 9, NAD83 (ORIGINAL).

ELEVATION NOTE
ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED
FROM THE CAN-NET VRS NETWORK MONUMENT: OTTAWA ELEVATION+95.230.

ROTATION NOTE
A ROTATION OF 0°02'05" COUNTER-CLOCKWISE WAS APPLIED TO P1

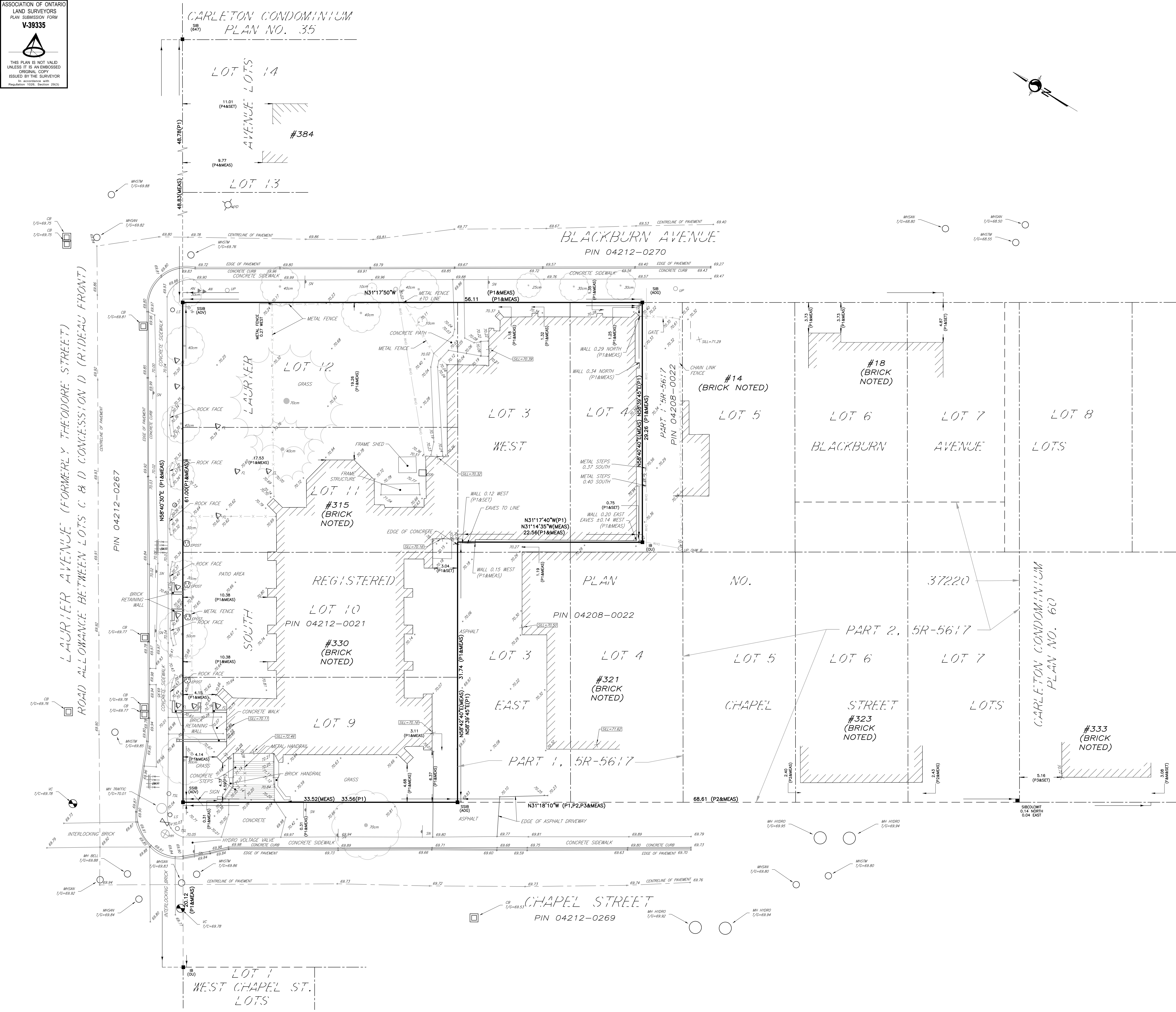
LEGEND

DENOTES	FOUND MONUMENTS
IB	SET MONUMENTS
IB#	IRON BAR
SIB	ROUND IRON BAR
SSIB	STANDARD IRON BAR
CC	SHORT STANDARD IRON BAR
CP	CUT CROSS
WIT	CONCRETE PIN
PIN	WITNESS
M/MEAS	PROPERTY IDENTIFICATION NUMBER
PROB	MEASURED
OU	PROPORTIONED
S6	ORIGIN UNKNOWN
P1	STANTEC GEOMATICS LTD.
P2	PLAN BY ADV DATED JUNE 6, 1989
P3	PLAN BY H. A. K. SHIPMAN DATED OCTOBER 28, 1985
P4	CC-60
647	PLAN BY ADV DATED JUNE 15, 2001
F&M	H. R. FARLEY O.L.S.
ADV	FARLEY & MARTIN SURVEYING LTD.
AN	ANIS, O'SULLIVAN, VOLLEBECK LTD.
BKR	ANCHOR
CB	BIKE RACK
EPROST	CATCH BASIN
FL	ELECTRICAL OUTLET
GSR	FLOOD LIGHT
GV	GAS SERVICE REGULATOR
HYD	GAS VALVE
LS	FIRE HYDRANT
MBELL	LIGHT STANDARD
M/SAN	MAINTENANCE HOLE BELL
MS/STM	MAINTENANCE HOLE SANITARY
SN	MAINTENANCE HOLE STORM
UP	SIGN
VC	UTILITY POLE
	VALVE CHAMBER
	TREE CONIFEROUS (D.B.H. SHOWN)
	TREE DECIDUOUS (D.B.H. SHOWN)

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 20TH DAY OF MARCH, 2023.

DATE _____ R. G. BENNETT
ONTARIO LAND SURVEYOR

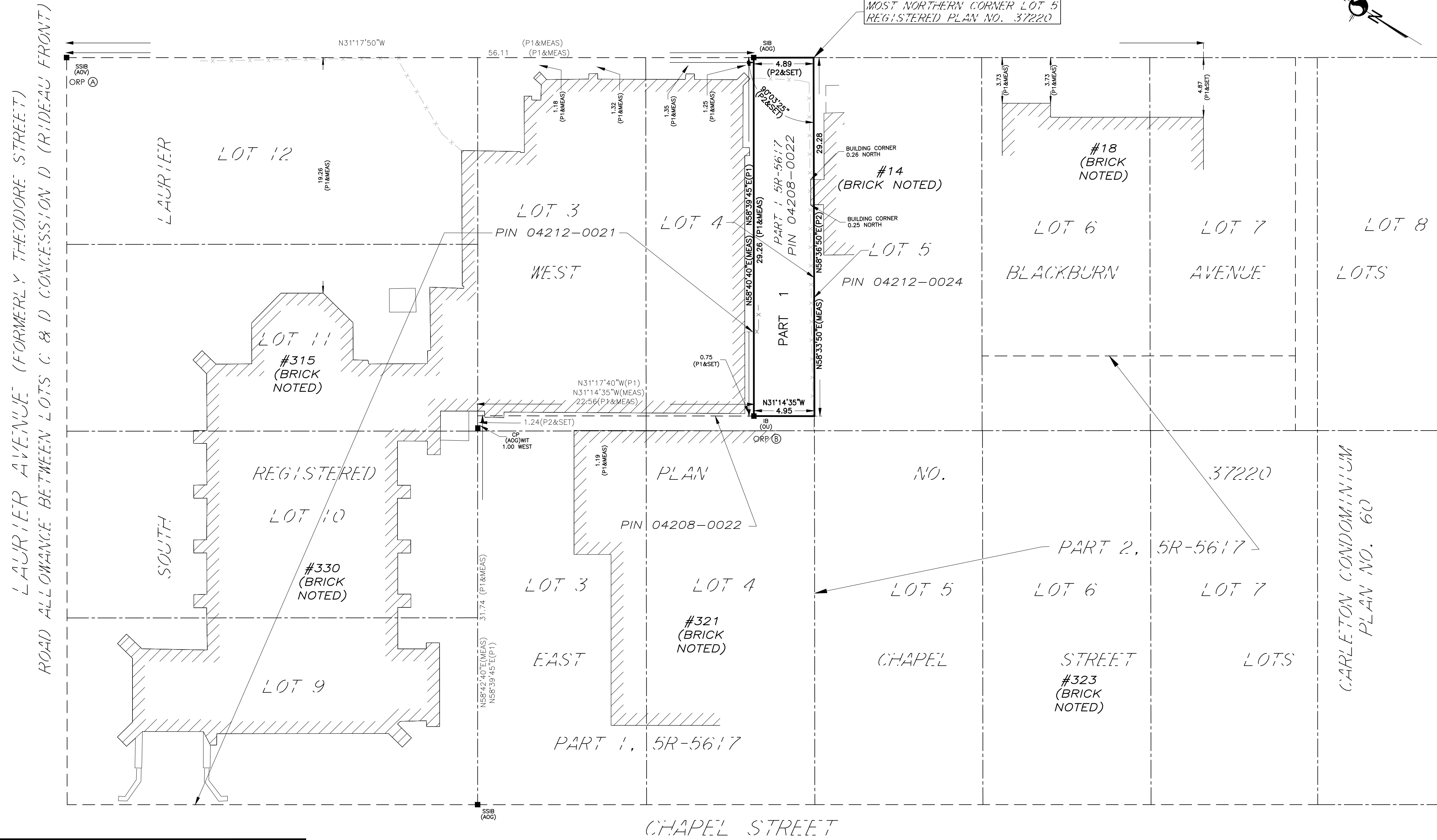
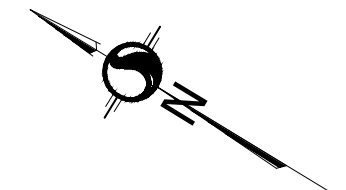
DRAWN: TMT CHECKED: CK, PM: CT FIELD: CA PROJECT NO.: 161614686-111



23 June 2023 9:22 AM

BLACKBURN AVENUE
PIN 04212-0270

SCHEDULE			
PART	LOT	REGISTERED PLAN	PIN
1	PART OF 4	37220	PART OF PIN 04208-0022



PLAN OF SURVEY OF
PART OF LOT 4 (WEST BLACKBURN AVENUE)
REGISTERED PLAN NO. 37220
(GEOGRAPHIC TOWNSHIP OF NEPEAN)
CITY OF OTTAWA



Stantec Geomatics Ltd.
THE INTENDED PLOT SIZE OF THIS PLAN IS 762mm IN WIDTH BY 457mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:200.

METRIC CONVERSION
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

BEARING NOTE
BEARINGS ARE GRID, DERIVED FROM CAN-NET VRS NETWORK GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, CENTRAL MERIDIAN, 76° 30' WEST LONGITUDE MTM ZONE 9, NAD83 (ORIGINAL).

ROTATION NOTE
A ROTATION OF 0°02'05" COUNTER-CLOCKWISE WAS APPLIED TO P1

LEGEND

■	DENOTES	FOUND MONUMENTS
□	"	SET MONUMENTS
IB	"	IRON BAR
IB#	"	ROUND IRON BAR
SIB	"	STANDARD IRON BAR
SSIB	"	SHORT STANDARD IRON BAR
CC	"	CUT CROSS
CP	"	CONCRETE PIN
WIT	"	WITNESS
PIN	"	PROPERTY IDENTIFICATION NUMBER
M/MEAS	"	MEASURED
PROP	"	PROPORTIONED
OU	"	ORIGIN UNKNOWN
SG	"	STANTEC GEOMATICS LTD.
P1	"	PLAN BY AOV DATED JUNE 6, 1989
P2	"	PLAN SR-5617

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 4th DAY OF MAY, 2023.

OBSERVED REFERENCE POINTS DERIVED FROM THE CAN-NET VRS NETWORK GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19773035 AND 19680191, CENTRAL MERIDIAN, 76°30' WEST LONGITUDE MTM ZONE 9, NAD83 (ORIGINAL), COORDINATES TO URBAN ACCURACY PER SEC 14(2) OF O.REG. 216/10

POINT ID	NORTHING	EASTING
Ⓐ	5032293.17	369186.29
Ⓑ	5032230.01	369190.43

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

DATE _____ R. G. BENNETT
ONTARIO LAND SURVEYOR

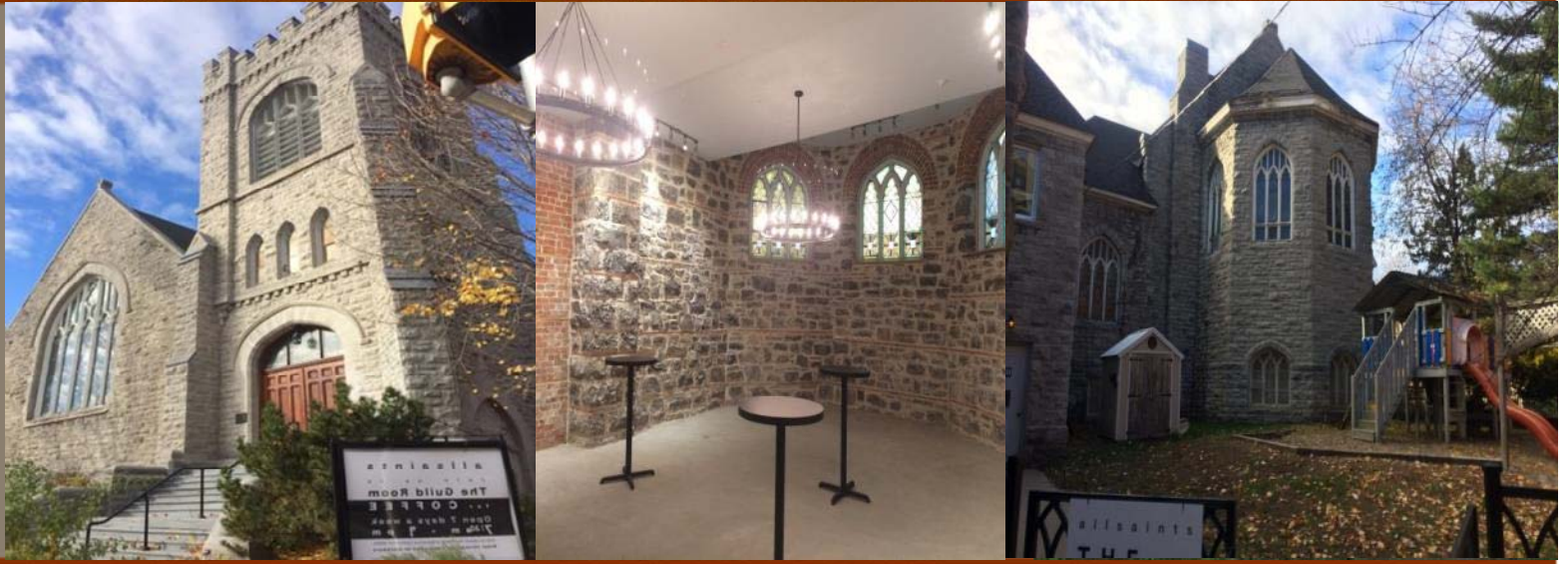
THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER #####.

Stantec Geomatics Ltd.
CANADA LANDS SURVEYORS
ONTARIO LAND SURVEYORS
1331 CLYDE AVENUE, SUITE 300
OTTAWA, ONTARIO, K2C 3G4
TEL. 613.722.4420
stantec.com

DRAWN: TMT CHECKED: CT PM: CT FIELD: CA PROJECT No.: 161614686-314

APPENDIX II

McINTOSH
PERRY



Phase One Environmental Site Assessment 315 Chapel Street, Ottawa, Ontario FINAL REPORT

Prepared for

*Leanne Moussa
All Saints Development Inc.
10 Blackburn Avenue
Ottawa, ON
K1N 8N3*

*Project Number: OCP-16-0545
August 4, 2017*

Executive Summary

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by All Saints Development Inc. (All Saints), to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 315 Chapel Street in the City of Ottawa, Ontario (the 'Site'). The main Site features include the All Saints Church and Bates Memorial Hall, which are attached by a vestibule. There is also a play structure located on the Site; the remainder of the property is a paved parking area or vegetated landscaped areas. The total area of the Site is approximately 0.67 hectares (ha). Various sources show the address of the site as 315 or 317 Chapel Street.

It is understood that All Saints requires the Phase One ESA for the City of Ottawa, in support of zoning bylaw amendment. The purpose of the zoning amendment is to allow for the future construction of a multi-storey mixed residential and commercial development on the east part of the property adjacent to the intersection of Laurier Avenue and Blackburn Avenue. No construction or demolition activities are proposed in the short term. The existing church, which is designated under Part IV of the Heritage Act, is to be conserved, with eventual plans to remove the church office and hall. Assuming approval of the zoning amendment, the detailed design of the new development will be established and subject to Site Plan Approval and other related approvals.

The Phase One ESA has been prepared in accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09. The Phase One ESA is also in general compliance with CSA Z768-01 (R 2006), and CHMC Standard 11 9907-02, 1993.

The Phase One ESA study area includes all properties within 250 m of the subject Site.

The following potentially contaminating activities (PCAs) were identified on, in, or under the Phase One ESA property:

- Ontario Spill Record - report of a stove oil spill to the ground in the mechanical room in 1991. According to the spill record obtained from the MOECC FOI search, the spill amount was 0.5 L of furnace oil, which entered the sanitary sewer.
- Report of former aboveground storage tank (AST) in the mechanical room

Potentially contaminating activities (PCAs) in the Phase One ESA study area are as follows:

- 14 Blackburn Ave. – Ontario Spill Record : 0.5 L of PCB Transformer oil leak from pole mounted transformer – environmental impact possible
- 5 Blackburn Ave. – Ontario Spill Record : natural gas (methane) discharged to air – environmental impact confirmed (air pollution)
- 297 Laurier Ave E. – Ontario Spill Record : 5L of transformer oil to ground – environmental impact confirmed (soil)
- 258 Stewart St. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 419 Laurier Ave. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible

Executive Summary

- 273 Laurier Ave. – Ontario Spill Record : 25 lbs of refrigerant to atmosphere – environmental impact not anticipated
- 82 Goulbourn Ave. – Ontario Spill Record : 2L of transformer oil to ground – environmental impact confirmed (soil)
- Laurier Ave and Sweetland Ave. – Ontario Spill Record : ½ tank of gasoline to catch basin – environmental impact not anticipated
- 332 Osgoode St. – Ontario Spill Record : 5L of furnace oil to pavement – environmental impact not anticipated
- 340 Laurier Ave. – O.Reg.347 Waste Generator: Aliphatic solvents, reactive anion wastes, alkaline solutions, wastes from the use of pigments, coatings and paint, light fuels, misc. wastes and inorganic chemicals and aromatic solvents and residues, Oil skimmings and sludges
- 395 Laurier Ave. E – O.Reg.347 Waste Generator: Alkaline phosphates
- 55 Sweetland Ave. – O.Reg.347 Waste Generator: Light Fuels
- 286 Wilbrod St. – O.Reg.347 Waste Generator: not defined

Based on the nature of these records, their separation distance from the Site and/or their downgradient or cross-gradient location with respect to the Site, off-site PCAs are not considered to result in APECs at the Site.

The on-site spill reported in the Ontario Spill Record indicates that the spill amount was extremely minor and that the spilled material entered the sanitary sewer system, and was not discharged to the subsurface at the subject site. Under the definitions stated in O.Reg. 153/04 (as amended), the on-site spill reported in the Ontario Spill Record and the historical presence of an aboveground fuel storage tank constitute on-site PCAs, which are automatically considered APECs. However, based on our review of relevant documentation, the potential for actual impacts to the natural environment is minimal, and these historical activities are not considered to represent a concern with respect to the current use of the Site.

If a more sensitive land use is proposed for the Site (i.e. Residential), a Record of Site Condition will be required for the property, and based on the APECs identified during the Phase 1 ESA, it is our opinion that a Phase 2 ESA will be required to address these APECs. It is our understanding that a Phase 2 ESA and a Record of Site Condition will be undertaken at the appropriate times in conjunction with the Site Plan Approval process.

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Appendix B	Fire Insurance Plans
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Appendix E	Site Photographs
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1.0 INTRODUCTION

1.1 General

McIntosh Perry Consulting Engineers Ltd. (McIntosh Perry) was retained by All Saints Development Inc. (All Saints) to conduct a Phase One Environmental Site Assessment (ESA) for the property located at 315 Chapel in the City of Ottawa, Ontario (the 'Site'). Various sources show the site address as 315 or 317 Chapel Street. The main Site features include the All Saints Church and Bates Memorial Hall, connected by a vestibule. There is also a play structure located on the subject property. The remainder of the Site is paved parking areas or vegetated. The total area of the Site is approximately 0.67 hectares (ha). The Site location is indicated on Figure 1 (Site Location Map). The Site layout and major surface infrastructure features are indicated on Figure 2 (Site Layout Plan/Aerial Photograph).

It is understood that All Saints requires the Phase One ESA for the City of Ottawa, in support of zoning bylaw amendment. The purpose of the zoning amendment is to allow for the future construction of a multi-storey mixed residential and commercial development on the east part of the property adjacent to the intersection of Laurier Avenue and Blackburn Avenue. No construction or demolition activities are proposed in the short term. The existing church, which is designated under Part IV of the Heritage Act, is to be conserved, with eventual plans to remove the church office and hall. Assuming approval of the zoning amendment, the detailed design of the new development will be established and subject to Site Plan Approval and other related approvals.

Based on aerial photographs and review of historical information the Site has been occupied with the Church since at least the early 1900s. The Hall was added in the 1930s and administrative offices were added in the 1950s.

The intended future use of the Site is mixed commercial use. Based on the information provided to us, it is our understanding that a commercial use (restaurant) will be added to the lower level of the existing church building. Long-term redevelopment plans for the site are not currently finalized.

It is our understanding that a Record of Site Condition will be required for the Site at a future date. This report is suitable for use in support of the filing of a Record of Site Condition (RSC) for the Site.

1.2 Phase 1 Property Information

1.2.1 Property Identification

The municipal address for the subject property is 315 Chapel Street, Ottawa, Ontario. A review of historical information indicated that the property has variously been addressed as 315 or 317 Chapel Street.

The legal description of the property is:

**Plan 37220 Lot 9 to 12, Laurier Ave. Pt Lots 3 and 4, W Blackburn Ave.,
PIN 04080021**

1.2.2 Property Ownership and Contact Details

The property at 315 Chapel Street is currently owned by All Saints. The owner contact person is Leanne Moussa who can be contacted at All Saints (Telephone 613-230-3050).

1.2.3 Current and Proposed Future Uses

The Site is currently occupied by the All Saints Church and the Bates Memorial Hall. There is also a play structure and paved parking areas in the site. The site is currently used for office spaces, a day care and rental spaces.

Based on the information provided to us, it is our understanding that a commercial use (restaurant) will be added to the lower level of the existing church building. Long-term redevelopment plans for the site are not currently finalized.

1.3 Surrounding Land Use

Surrounding land uses include:

- North –Community (Laurier Ave. E, .) and residential properties
- East – Community (Blackburn Ave,.) and residential properties
- West – Community (Chapel St.) and residential properties
- South – Residential properties

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site based on a desk top review of available documentation pertaining to the site, observations made during a site visit, and information from interviews with people who have knowledge of the site and its history. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

The Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- **Ontario Regulation (O.Reg.) 153/04 - Records of Site Condition - Part XV.1 of the Environmental Protection Act as amended by O.Reg.511/09.**

The report is also in general compliance with:

- "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) Standard CSA Z768-01 (Reaffirmed 2006).
- "Environmental Site Investigation Procedures, Phase I Environmental Site Assessments", Canadian Mortgage and Housing Corporation (CHMC) standard 11 9907-02, 1993. PHASE I ESA - Scope of Work.

The subject property is not an 'Enhanced Investigation Property' as defined in O.Reg. 153/04 (as amended).

This report is suitable for use in support of the filing of a Record of Site Condition (RSC) for the Site.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One ESA Study Area Determination

The Phase One ESA study area includes the following properties:

- The subject property (interior and exterior).
- All properties within 250 m of the subject property boundaries.

3.1.2 First Developed Use Determination

Based on review of aerial photographs and historical information, including a Chain of Title, the Site has been occupied by the church since its construction in 1900, with additions in the 1930s and 1950s. The area of the Site was first surveyed into lots in 1877, and based on historical records, the church was constructed as of 1900, and the site is considered to have been vacant prior to the construction of the church. **Therefore, the church is considered to have been the first developed use of the site (circa 1900).** This determination is supported by information contained in the Chain of Title for the Site, as well as Aerial Photographs included as Appendix A.

3.1.3 Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans was searched by EcoLog ERIS of Toronto, Ontario. Records from 1958 were reviewed; no fuel storage tanks or other significant findings were identified. FIPs are included as Appendix B.

3.1.4 Chain of Title

A land title search for the parcels constituting the Site were reviewed as part of this assessment. Based on a review of the Chain of Title, dated November 30, 2015, the owner of the property is listed as the Incorporated Synod of the Diocese of Ottawa. The Site is subject to a Heritage Bylaw, and information contained in the bylaw document states that the current church building was constructed between 1899 and 1900. This is considered to be the first developed use of the Site. A summary of current and past land use at the Site is provided in Section 6 of this report.

3.1.5 Environmental Reports

In order to identify any previous environmental reports concerning the subject property, a Ministry of Environment and Climate Change (MOECC) freedom of information (FOI) request was submitted to the FOI Office as well as the local District Office. At the time of writing there have been no official responses from the MOECC (the requests were submitted on November 4, 2016 and the turn-around-time for MOECC FOI and MOECC Index Review Reports is typically one to two months). The FOI request was submitted for 315 and 317 Chapel Street, to reflect the historical address of the site.

An FOI request was also submitted to the Technical Standards and Safety Authority (TSSA). Email correspondence from TSSA indicates that they do not have any record of fuel storage tanks on the subject property.

As discussed further in subsequent sections, it is recommended that the FOI documents be reviewed to determine whether a historical spill record identified by the EcoLog ERIS report represents an APEC to the site.

A copy of all the above-noted correspondence is found in Appendix D.

3.1.6 Former Reports

A Phase I ESA was completed by Paterson Group, for Anglican Diocese of Ottawa, in 2014 '*Phase I – Environmental Site Assessment, All Saints Anglican Church, 317 Chapel Street, Ottawa, Ontario.*'

The previous Phase I ESA indicated that the building was likely previously heated using an oil fired boiler fed by an above ground storage tank (AST) that was present in the basement mechanical room of the church. It was reportedly removed in 1993. No evidence of and current ASTs were observed during the site reconnaissance in 2014 and no visual or olfactory indications of contamination were observed in the basement.

Potential asbestos containing materials were identified throughout the building; it was recommended that an asbestos survey be conducted on the building. Patterson did not recommend any other investigations based on their findings.

3.2 Environmental Source Information

McIntosh Perry personnel completed a records review to obtain information about the subject property pertaining to items of actual and/or potential environmental concern.

3.2.1 Databases Searched

McIntosh Perry obtained information contained in the databases listed below from EcoLog ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the EcoLog ERIS report which is included as Appendix E.

Federal Government Databases:

- Environmental Effects Monitoring
- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Fisheries & Oceans Fuel Tanks
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defence & Canadian Forces Fuel Tanks

- National Defence & Canadian Forces Spills
- National Defence & Canadian Forces Waste Disposal Sites
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Certificates of Approval
- Coal Gasification Plants
- Compliance and Convictions
- Drill Holes
- Environmental Registry
- Ontario Regulation 347 Waste Generators Summary
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Ontario Inventory of PCB Storage Sites
- Ministry Orders
- Occurrence Reporting Information System
- Pesticide Register
- Private Fuel Storage Tanks
- Ontario Regulation 347 Waste Receivers Summary
- Record of Site Condition
- Wastewater Discharger Registration Database
- Waste Disposal Sites – MOE CA Inventory
- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

Private Databases:

- Anderson's Waste Disposal Sites
- Automobile Wrecking and Supplies
- Commercial Fuel Oil Tanks

- Chemical Register
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper
- Retail Fuel Storage Tanks
- Scott’s Manufacturing Directory
- Anderson’s Storage Tanks

3.2.2 Database Findings Relevant to the Phase One ESA

The databases searched by EcoLog ERIS contained the following information pertaining to properties within a 250 metre radius of the centre of the subject property:

- Twenty-Three Borehole Records
- Seven Certificate of Approval
- One Environmental Registry
- Twelve ERIS Historical Searches
- Seven Ontario Regulation 347 Waste Generator Summaries
- Three Historic TSSA Incidents
- One TSSA Incident
- One National Pollutant Release Inventories
- Two TSSA Pipeline Incidents
- Four Scott’s Manufacturing Directory record
- Ten Ontario Spill Records
- Six Water Well Information System Records

Pertinent information from the EcoLog ERIS report is summarized as follows:

Borehole Records

Twenty-three borehole records were located within 250 m of the subject property, including two (2) on-site borehole records. The following list/table summarizes the details of each borehole:

Table 1: Borehole Record

Borehole ID	Location relative to site	Completion Depth (m bgs)	Depth to Bedrock (m bgs)
BORE-803444	On-Site	3.5	n/a
BORE-803442	On-Site	3.3	n/a
BORE-803445	Southeast	4.1	n/a
BORE-803493	Northeast	3.7	n/a

Borehole ID	Location relative to site	Completion Depth (m bgs)	Depth to Bedrock (m bgs)
BORE-803495	East	3.7	n/a
BORE-803447	Southeast	3.7	n/a
BORE-803497	East	3.7	n/a
BORE-805806	Northwest	3.7	7.1
BORE-613536	East	14.1	14.1
BORE-803450	Southeast	4.2	n/a
BORE-803499	Southeast	3.0	3.0
BORE-805808	Northwest	4.7	n/a
BORE-808826	West	9.1	n/a
BORE-613529	East	11.9	n/a
BORE-613501	Southwest	14.3	14.3
BORE-803454	Southeast	1.8	n/a
BORE-805810	Northwest	3.7	n/a
BORE-613542	Northwest	1.5	n/a
BORE-808815	North	9.1	6.1
BORE-803503	Southeast	1.9	n/a
BORE-808815	North	9.1	9.1
BORE-803503	Southwest	1.9	n/a
BORE-803457	South	2.7	2.7
BORE-808828	Northeast	9.4	n/a
BORE-803459	West	1.3	n/a
BORE-806796	West	2	n/a
BORE-806937	West	5.5	5.3

The average depth of completion for the boreholes 5.2 metres below ground surface (m bgs). The average depth to bedrock in the boreholes was 7.7 m bgs.

Certificates of Approval

No Certificates of Approval records were returned for the Site. Seven Certificate of Approval (C of A) were listed in the EcoLog ERIS report, for properties within 250 m of the Site:

- A waste management system C of A is listed for 1728067 Ontario Limited; located at 404 Laurier Ave E. The C of A (#7347-79BRK2) is for non-hazardous solid industrial waste.
- A municipal sewage C of A is listed for A. Potvin Construction Ltd., located at 353 Friel Street. The C of A (#3-0130-989) could not be located.
- A municipal sewage C of A is listed for Ottawa City, located at Friel St./Laurier Ave. The C of A (#3-0943-90-) could not be located.

- An air C of A is listed for Lucienne Marie Emilia Berthiaume, located at 285 Stewart Street. The C of A (#8274-6E7P77) could not be located.
- A municipal sewage C of A is listed for Ottawa City., located at King Edward Ave/Stewart St./Chapel St. The C of A (#3-04259-91) could not be located.
- A municipal sewage C of A is listed for Ottawa City, located at Sweetland Ave./Laurier Ave. The C of A (#3-0715-90) could not be located.
- A municipal water C of A is listed for R.R. of Ottawa Carleton., located at Sweetland Ave./Laurier Ave. The C of A (#7-0617-90-) could not be located.

These Certificates of Approval are not considered to represent environmental concerns to the Site. Note: A copy of the C of As are included in Appendix F - Additional Information, where available.

Environmental Registries

No Environmental Registry records were returned for the Site. One Environmental Registry listing was reported within 250 m of the subject property:

- Approval for discharge into the natural environment other than water (i.e. Air), located at 258 Stewart Street, listed under Lucienne Marie Emilia Berthiaume. The EBR (IA5E0169) could not be located.

This record is not considered to represent an environmental concern to the Site.

ERIS Historical Searches

The EcoLog ERIS report indicates that there were twelve Environmental Risk Information Services (ERIS) Historical searches performed for properties located within 250 m of the subject property:

- A custom report for 323 Chapel St., in 2014.
- A custom report for 353 Friel St., in 2015.
- A custom report for 393 Wilbrod St., in 2007.
- A complete report for 50 Russell Ave., in 2001.
- A standard report for 50 Russell Ave., in 2013.
- A standard report for 362 Friel St., in 2011.
- A custom report for 60 Russell Ave., in 2012.
- A standard report for 319 Wilbrod St., in 2015.
- A standard report for 45 Blackburn Ave., in 2016.
- A custom report for 261 Laurier Ave. E and 400 Friel St., in 2010.
- A custom report for 300 Wilbrod St., in 2014.

Ontario Regulation 347 Waste Generators Summary

No waste generator records were returned for the Site. The table below summarizes the waste generators that were identified within 250 m of the subject property:

Table 2: Waste Generators

Company Name	Location	Waste Description	Year
Epic Realty Partners	340 Laurier Ave.	Oil skimmings and sludges	2013
TNC 340 Laurier Ltd.	340 Laurier Ave.	Aliphatic solvents, reactive anion wastes, alkaline solutions, wastes from the use of pigments, coatings and paint, light fuels, misc. wastes and inorganic chemicals and aromatic solvents and residues	as 2013 - as of April 2014
Embassy of Belgium	395 Laurier Ave. E	Alkaline phosphates,	1988 - 1998
Greg Statler	55 Sweetland Ave.	light fuels	2002 - 2004
Albert Falsetto	286 Wilbrod St.	Not defined	2011

These records are not considered to represent an environmental concern to the Site.

TSSA Historical Incidents

No TSSA Historical Incident records were returned for the Site. Three TSSA Historical Incident were listed within 250 m of the subject property:

- Natural gas pipeline strike, located at 400 Wilbrod St., on November 11, 2007.
- Natural gas pipeline strike, located at 419 Laurier Ave. E., on July 15, 2008.
- Natural gas pipeline strike, located at 419 Laurier Ave. E., on November 6, 2008.

These incidents are not considered to represent an environmental concern to the site.

TSSA Incidents

No TSSA incident records were returned for the Site. One TSSA incident was listed within 250 m of the subject property:

- CO release from exhaust venting, located at 320 Laurier Ave. E.

This record is not considered to represent an environmental concern to the Site.

National Pollutant Release Inventories

No National Pollutant Release Inventory (NPRI) records were returned for the subject site. One NPRI record was listed within 250 m of the subject property. The record was listed under GWL Realty Advisors, located at 271 Laurier Ave. E. for release of the following substances:

- Nitrous oxide
- Carbon dioxide
- Carbon monoxide
- Sulphur dioxide
- Methane
- Hydrofluorocarbon
- Total particulate matter
- Volatile organic compounds

This record is not considered to represent an environmental concern to the Site.

TSSA Pipeline Incidents

No TSSA pipeline incident records were returned for the subject site. Two TSSA pipeline incidents were listed within 250 m of the subject property:

- Natural gas pipeline strike, located at 5 Blackburn Ave., on April 20, 2012
- Natural gas pipeline strike, located at 320 Daly Ave., on September 9, 2016

These records are not considered to represent an environmental concern to the Site.

Scott's Manufacturing Directory

No Scott's Manufacturing Directory records were returned for the subject site. Four Scott's Manufacturing Directory records were listed within 250 m of the subject property. The records are presented in the table below:

Table 3: Scott's Manufacturing Directory

Company	Address	Year	Plant Size (ft ²)/ # Employees	Description
NGOMA	321 Chapel St.	1959	n/a	Periodical Publishers
CODE	321 Chapel St.	1959	n/a	Social advocacy organization, book publishers, grant-making and giving services
Teb-Mar Products Inc.	313 Laurier Ave. E.	1994	n/a/4	Cutlery and hand tool manufacturing

Company	Address	Year	Plant Size (ft ²)/ # Employees	Description
MicroAcoustic Instruments Inc.	460 Wilbrod St.	n/a	n/a	Semiconductor and other electronic component manufacturing and measuring, medical and controlling devices manufacturing

These records are not considered to represent environmental concerns to the Site.

Ontario Spills

Eleven (11) Ontario Spills records were listed for the area. They are summarized in the table below:

Table 4: Spill Records

Company	Address	Year	Incident
All Saints Church	317 Chapel St (Subject Property)	1991	Stove oil to ground from leaky pump seal on boiler – environmental impact not anticipated
Ottawa Hydro	14 Blackburn Ave.	1994	0.5 L of PCB Transformer oil leak from pole mounted transformer – environmental impact possible
Enbridge Gas Distribution Inc.	5 Blackburn Ave.	2012	natural gas (methane) discharged to air – environmental impact confirmed (air pollution)
Ottawa Hydro	297 Laurier Ave. E	1995	5L of transformer oil to ground – environmental impact confirmed (soil)
Private Residence	258 Stewart St.	2001	Unknown amount of furnace oil to ground – environmental impact possible
Enbridge Gas	419 Laurier Ave. E.	2008	Natural gas leak – environmental impact not anticipated
Parsons Refrigeration	273 Laurier Ave.	2008	25 Lbs of refrigerant to atmosphere – environmental impact not anticipated
Not listed	82 Goulbourn Ave.	2007	2L of transformer oil to ground – environmental impact confirmed (soil)
Not listed	Laurier Ave. E and Sweetland Ave.	2005	½ tank of gasoline to catch basin – environmental impact not anticipated
Ultramar	332 Osgoode St.	1997	5L of furnace oil to pavement – environmental impact not anticipated
Enbridge Gas Distribution Inc.	63 Sweetland Ave.	20012	Natural gas leak (methane) – environmental impact confirmed (air)

Off-site spills are not considered to represent environmental concerns to the subject site. Further details regarding the on-site spill are contained in the MOECC Freedom of Information (FOI) search results below.

Water Well Information System

Six (6) Water Well Information records are listed within 250 m of the subject property. The location of the water wells are indicated on the site diagram included in the EcoLog ERIS Report (Appendix E). The table below summarizes the details of each well.

Table 5: Well Records

Well ID	Completion Material	Depth to Bedrock (m bgs)	Bedrock Type	Well Depth (m bgs)	Well Use	Static Water Level (m bgs)	Clear/ Cloudy	Water Type
7044389	Overburden	n/a	n/a	4.88	Observation Wells	n/a	n/a	n/a
7196193	Overburden	n/a	n/a	3.35	Test Hole	n/a	n/a	n/a
7106553	Overburden	n/a	n/a	4.6	Abandoned	n/a	n/a	n/a
7047370	Overburden	n/a	n/a	4.6	Test hole	n/a	n/a	n/a
7101159	Overburden	n/a	n/a	6.1	Test hole	n/a	n/a	n/a
7017564	Overburden	n/a	n/a	6.3	Test hole	n/a	n/a	n/a

3.2.3 Aerial Photographs

The following table describes observations about current and historical land uses for the Site and surrounding properties that were noted during review of aerial photographs of the area taken between 1928 and 2014. Aerial photographs are included in Appendix A. Current land use designations in the area where the Site is situated are included on Figure 4.

Table 6: Aerial Photographs

Date	Roll #	Observations
1928	Ottawa Geo-maps	The church appears to be present on the subject property. The Bates memorial Hall is not present on the southeast portion of the site. . The surrounding lands are mostly occupied by residential properties.
1958	Ottawa Geo-maps	The addition (Bates Memorial Hall) is now present on the subject property. There are no significant changes to the surrounding area since 1928.
1965	Ottawa Geo-maps	There are no significant changes to the subject property or surrounding area since 1958.
1976	Ottawa Geo-maps	There are no significant changes to the subject property or surrounding area since 1965.
1999	Ottawa Geo-maps	The play structure is now present on the northern portion of the subject property and the site appears similar to current conditions. No significant changes to the surrounding areas since 1976.
2002	Ottawa Geo-maps	No significant changes to the subject property or surrounding area since 1999. The Site and surrounding lands appear similar to current conditions.

Date	Roll #	Observations
2008	Ottawa Geo-maps	No significant changes to Site or surrounding areas since 2002. The Site and surrounding lands appear similar to current conditions.
2014	Ottawa Geo-maps	No significant changes to Site or surrounding areas since 2008. The Site and surrounding lands appear similar to current conditions.

No new items of potential environmental concern were identified on the subject property from the review of historical aerial photographs.

3.2.4 Topography

The elevation on-site is relatively at approximately 70 m asl. The site is generally higher than surrounding roadways. The ground surface in the area slopes to the northeast.

The surrounding area is also generally flat-lying. Figure 5 depicts the topography for the area.

3.2.5 Hydrology

The subject Site occurs within the Lower Ottawa – Rideau watershed. Surface water flow is likely to the east, towards the Rideau River which flows north and eventually drains into the Ottawa River.

Surface drainage from the property is controlled by topography and would flow to storm sewers located on Chapel St., Laurier Ave. E and Blackburn Ave.

There are no significant permanent water bodies in the Phase One ESA study area.

Figure 5 shows the major surface water drainage features in the local area.

3.2.6 Geology

Surficial Geology

Geological maps of the area (from the OGS Earth website) indicate that the overburden at the Site consists of older alluvial deposits, described as clay, silt, sand and gravel that may contain organic remains (OGS, 2013).

Based on the geotechnical investigation completed by Houle Chevrier Engineering, overburden on the subject property was described as: topsoil/fill underlain by silty clay, sand silt with some clay and gravel (till) underlain by bedrock. (Houle Chevrier, 2016).

Bedrock Geology

The bedrock on Site and in the area is composed of Paleozoic rock of the Verulam Formation, consisting of interbedded limestone and shale (OGS, 2013).

Based on the geotechnical investigation completed by Houle Chevrier Engineering, bedrock at the subject property was described as limestone, which was encountered at 14.22 and 11.96 meter below ground surface (m bgs) (Houle Chevrier, 2016).

3.2.7 Hydrogeology

The subject property is located within the Lower Ottawa – Rideau watershed. Groundwater is presumed to flow to the east towards the Rideau River which is located approximately 400 m to the east of the subject property, which eventually flows north to the Ottawa River.

The interpreted direction of shallow groundwater flow in the area is to the east based on topography, and surface water flow patterns (see Figure 5).

3.2.8 Fill Materials

No fill material of unknown quality was observed on Site. Fill material reported in boreholes by Houle Chevrier consisted primarily of granular materials and did not suggest the presence of contamination. This material is not considered to represent an environmental concern to the Site.

3.2.9 Water Bodies and Areas of Natural Significance

There are no water bodies within the Phase 1 ESA Study Area. The closest permanent natural water body is The Rideau River which is approximately 400 m to the east of the Site.

MNR maintained areas of natural significance include:

- Areas of Natural and Scientific Interest (ANSI) - earth science and life science
- Provincially Significant Wetlands (PSWs)
- Wildlife Management Areas (WMAs)

There are no areas of natural significance in the study area.

3.2.10 Well Records

A total of 6 Water Well Information System records occur within 250 m of the subject property. All of the wells were completed in the overburden to an average depth of 4.97 m bgs. The records indicate that the wells were to be used for test holes/observation wells or abandoned.

Two monitoring wells were recently installed by Houle Chevrier, as part of the geotechnical investigation. The wells were completed to 11.96 and 17.40 m bgs. Bedrock was encountered at 11.96 and 14.22 m bgs (Houle Chevrier, 2016). One well was observed during the Phase One reconnaissance (see photo 4)

3.2.11 MOECC Freedom of Information Request

A request was submitted to the MOECC Freedom of Information office for any information pertaining to the Site. The MOECC FOI search results returned the original spill record identified in the EcoLog ERIS search, as well as lead testing results in drinking water pertaining to the historical operation of a day care at the subject site.

According to the spill record, approximately 0.5 L of kerosene/stove oil leaked from a boiler gasket on March 28, 1991. Although a spill response company was called, the spilled oil had entered the sanitary sewer through a floor drain. Given the extremely minor amount spilled, and the transport pathway off-site, the potential for the spill to result in an environmental concern at the subject site is considered minimal.

The lead testing results are not considered to represent an environmental concern to the soil or groundwater at the subject site.

3.3 Site Operating Records

The Phase One ESA property is not an 'enhanced investigation property', as defined by O.Reg. 153/04. Accordingly, the requirement to review available site operating records does not apply.

4.0 INTERVIEWS

McIntosh Perry personnel conducted an interview to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. An interview was conducted with the current owner for the Phase One ESA property, Leanne Moussa, in person on November 9, 2016. The interview was conducted using a standard set of questions. The completed interview log sheet is included in Appendix G.

Table 7: Interview Summary

Potential Item of Concern	Interview Comments (Any knowledge of the following?)
Accidents/Spills	None
Previous Use of Site	Church since 1900s
Adjacent Properties	Residential, Offices
Fuel Handling/Storage	None
Maintenance/Operational Areas	None
Hazardous Materials Storage	None
Salt Storage	None
Fuel Storage Tanks	None (former AST in basement)
Odours	None
Potable Water	Municipal
Septic and Wastewater Discharges	Municipal
Pesticides	None
Mould	None
Heating and Cooling Systems	None
Major Mechanical Equipment	Boilers (steam and hot water)
Waste Oils, Solvents, Batteries	None
PCBs	None (light replacement completed recently)
Asbestos	Yes – see existing designated substance report
Lead Paint	Possible - see existing designated substance report
ODS	None
Electromagnetic Radiation	None
UFFI	None
Mercury	None
Radon Gas	None
Soil and Groundwater Conditions	Good – testing completed for municipal garden
Wells	None
Waste Disposal and Recycling	Residential pickup
Fill Material	None
Floor drains	Sump in basement – discharge to storm sewer
Other	n/a

Please Note: Statements made by the interviewee were not made categorically and are limited by his personal knowledge of, and experience with, the subject property. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

5.0 SITE RECONNAISSANCE

The objectives of the Site reconnaissance were as follows:

- To identify Areas of Potential Environmental Concern (APEC) associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in or under the Site;
- To identify, as practicable, current and past uses and activities and PCAs in the phase one study area;
- To identify details of potential contaminant pathways on, in or under the phase one property and APECs and contaminants of potential concern.

McIntosh Perry had open and ready access to the entire Site during the site visits. No access restrictions were encountered that would have limited the extent of the inspection.

5.1 General Requirements

McIntosh Perry conducted the site reconnaissance on November 9, 2016 (from 12:15hr to 13:15hr). At this time Meghan Coyle of McIntosh Perry inspected all of the interior and exterior areas of the property and observed all other properties in the Phase One ESA study area.

5.1.1 Qualifications of the Assessors

Field assessment for this report was undertaken by Meghan Coyle, B.Sc. of McIntosh Perry. Mrs. Coyle has conducted Phase One ESAs during the past several years. Most of these assessments have been conducted at commercial properties.

Senior Review was carried out by Dan Arnott, P.Eng., of McIntosh Perry Consulting Engineers Ltd. Mr. Arnott is a registered Professional Engineer in Ontario and a Qualified Person (QP) under O.Reg. 153/04, as amended. At present, Mr. Arnott is a Geo-Environmental Engineer with the Environmental Science and Engineering division of McIntosh Perry. Over the past 10 years, he has conducted and reviewed numerous Phase 1 and 2 ESAs for corporations, individuals and government agencies.

Further information on the experience and qualifications of Mr. Arnott and Ms. Coyle, as well as correspondence with the City of Ottawa, is provided in Appendix G.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and the Association of Professional Geoscientists of Ontario (APGO) and is a full member of the Consulting Engineers of Ontario (CEO).

5.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the exterior site visit were sun and cloud with temperatures around 6°C.

5.1.3 Property Occupancy/Use Status at time of Inspections

The Site is currently occupied by the All Saints Church and Bates Memorial Hall, which are attached by a vestibule. There are office spaces and rental spaces within the Hall. There is a small asphalt parking area and a play structure and public garden also located on the Site (Photos 1, 2, 3 and 5).

5.1.4 Site Photographs

Photographs of the interior and exterior portions of the Phase One ESA property are included in Appendix H. A brief description is included with each photograph, including location and orientation.

5.2 Specific Observations at the Phase One ESA Property

5.2.1 Structures and Other Improvements

The following structures are present on site (Photos 1 to 5):

- The All Saints Church
- The Bates Memorial Hall (used as a day care, office space and rental spaces)
- Play Structure
- Garden Boxes
- Fence Line around the park area used for day care

5.2.2 Below Ground Structures

There are no known below ground structures on the Site.

5.2.3 Storage tanks

There were no storage tanks observed on the subject property. However, based on the interview with Ms. Moussa and on the spill record identified by the EcoLog ERIS report, it is our understanding that an AST was historically present on the subject site.

5.2.4 Potable and Non-Potable Water Sources

The Site is supplied by municipal services.

5.2.5 Underground Service Trenches

There are likely sanitary and storm sewers located on site and in the area. Other underground utilities in the area include natural gas, water, electrical power, and communications lines. These services are normally installed in relatively small and shallow trenches (i.e. generally less than 1.5 m deep); the potential for migration of contaminants along service lines and corridors at the site is considered to be very low given the lack of observed APECs in the areas of service trenches.

5.2.6 Exit and Entry Points

The exit and entry points to the Site and to the on-site building were inspected. No concerns were identified.

5.2.7 Existing and Former Heating Systems

The structures on site are heated by two natural gas fired boiler systems located in the basement mechanical room in the church.

5.2.8 Cooling Systems

There are no cooling systems on Site.

5.2.9 Drains, Pits and Sumps

A sump pit was observed in the basement mechanical room in the church (see Photo 15). No visual or olfactory evidence of contamination was observed in the sump pit.

5.2.10 Unidentified Substances

No unidentified substances were observed on-site.

5.2.11 Stains and/or Corrosion Near Drains, Pits and Sumps

No staining or corrosion was evident in the vicinity of the basement sump pit.

5.2.12 Well Details

One monitoring well was observed on Site (Photo 4). This and another well were recently installed as part of a geotechnical investigation for the subject property. These well are temporary and used to measure groundwater elevation on Site. The wells were completed to 11.96 and 17.40 m bgs. Bedrock was encountered at 11.96 and 14.22 m bgs (Houle Chevrier, 2016).

5.2.13 Details of Sewage Works

None on Site; the area is supplied by municipal services.

5.2.14 Ground Surface Details

The ground surface at the Site that is not covered by the structures is either vegetated with grass and some trees or asphalt/concrete (Photos 2 and 3).

5.2.15 Current and Former Railway Lines

There are no current or former railway lines in the vicinity of the subject property.

5.2.16 Staining to soil, vegetation, pavement

No staining was evident.

5.2.17 Stressed Vegetation

No signs of stressed vegetation were identified at the Site.

5.2.18 Fill and Debris

No fill or debris was observed.

5.2.19 Mould

No mould-like substances were observed on the Site.

5.2.20 Potentially Contaminating Activity

No potentially contaminating activities were observed on the Site.

5.2.21 Special Attention Items

None.

5.3 Description of Investigations

5.3.1 Phase One ESA Property

The interior and exterior inspection was conducted on November 9, 2016. Select photographs are included in Appendix H.

5.3.2 Phase One ESA Study Area

All properties located within 250 m of the subject Site boundaries were observed from publicly accessible locations on November 9, 2016. Select photographs are included in Appendix H.

6.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, and evaluation and an interpretation of the information from the records review, interviews and site reconnaissance.

6.1 Current and Past Uses of the Phase One ESA Property

The following table summarizes the land use history of the subject Site:

Table 8: Current and Past Uses of the Phase One ESA Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to 1892	Not identified	Vacant/agricultural	Agricultural	According to the Chain of Title, the area containing the Site was first subdivided into lots in 1892. Prior to this time, the area of the Site is interpreted to have been agricultural or undeveloped.
1892-1898	MacLaren Estate			
1898-1900	Christopher G. Frith			
1900-1902	Kenneth McDonald	Church	Community	Information contained in the Chain of Title indicates that the present-day church was constructed between 1899 and 1900.
1902-1922	John J. Heney			
1922-2014	Incumbent and Wardens of All Saints Church/ Trustees for All Saints Church	Church and Bates Memorial Hall	Community	First available aerial photo (1928) shows church in its current configuration. Additions shown in 1930s and 1950s.
2014 - current	All Saints Ottawa			

6.2 Potentially Contaminating Activity

The following potentially contaminating activities (PCAs) were identified on, in, or under the Phase One ESA property:

- Ontario Spill Record - report of a stove oil spill to the ground in the mechanical room in 1991. According to the spill record summary in the EcoLog ERIS report, an environmental impact was not anticipated.

- Report of former AST in the mechanical room

Potentially contaminating activities (PCAs) in the Phase One ESA study area are as follows:

- 14 Blackburn Ave. – Ontario Spill Record : 0.5 L of PCB Transformer oil leak from pole mounted transformer – environmental impact possible
- 5 Blackburn Ave. – Ontario Spill Record : natural gas (methane) discharged to air – environmental impact confirmed (air pollution)
- 297 Laurier Ave E. – Ontario Spill Record : 5L of transformer oil to ground – environmental impact confirmed (soil)
- 258 Stewart St. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 419 Laurier Ave. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 273 Laurier Ave. – Ontario Spill Record : 25 lbs of refrigerant to atmosphere – environmental impact not anticipated
- 82 Goulbourn Ave. – Ontario Spill Record : 2L of transformer oil to ground – environmental impact confirmed (soil)
- Laurier Ave and Sweetland Ave. – Ontario Spill Record : ½ tank of gasoline to catch basin – environmental impact not anticipated
- 332 Osgoode St. – Ontario Spill Record : 5L of furnace oil to pavement – environmental impact not anticipated
- 340 Laurier Ave. – O.Reg.347 Waste Generator: Aliphatic solvents, reactive anion wastes, alkaline solutions, wastes from the use of pigments, coatings and paint, light fuels, misc. wastes and inorganic chemicals and aromatic solvents and residues, Oil skimmings and sludges
- 395 Laurier Ave. E – O.Reg.347 Waste Generator: Alkaline phosphates
- 55 Sweetland Ave. – O.Reg.347 Waste Generator: Light Fuels
- 286 Wilbrod St. – O.Reg.347 Waste Generator: not defined

Note: the above listed items are referenced on Figure 6.

Based on the nature of these records, their separation distance from the Site and/or their downgradient or cross-gradient location with respect to the Site, off-site PCAs are not considered to result in APECs at the Site.

6.3 Areas of Potential Environmental Concern (APEC)

The Phase One ESA identified the areas of potential environmental concern that are listed in Table 9 (below).

Table 9: Areas of Potential Environmental Concern (APEC)

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, or Sediment)
Church Mechanical Room – historical presence of AST	On-Site	PHCs and BTEX	Soil
Historical spill record in mechanical room	On-Site	PHCs and BTEX	Soil

Areas of potential environmental concern (APEC) are indicated on Figure 6. It is noted that by definition, an on-site PCA results in an APEC under O.Reg. 153/04 as amended. However, based on our review of relevant documentation, the potential for actual impacts to the natural environment is minimal, and these historical activities are not considered to represent a concern with respect to the current use of the Site. It is further noted that groundwater impacts are not anticipated, given the silty clay soil reported at the site by Houle Chevrier’s borehole logs. The low conductivity of this soil is considered to limit contaminant transport to groundwater.

If a more sensitive land use is proposed for the Site (i.e. Residential), a Record of Site Condition will be required for the property, and based on the APECs identified during the Phase 1 ESA, it is our opinion that a Phase 2 ESA will be required to address these APECs. It is our understanding that a Phase 2 ESA and a Record of Site Condition will be undertaken at the appropriate times in conjunction with the Site Plan Approval process.

6.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Model is based on information presented in the following Figures:

- Figure 2 – shows onsite structures and those on properties immediately surrounding the Site.
- Figure 3 – shows all other buildings and structures in the Phase One ESA study area
- Figure 5 shows drainage features in the local area. There are no significant water bodies in the Phase One ESA study area.
- Figure 3 shows the names of all roads in the Phase One ESA study area.
- Figure 4 shows land use of properties adjacent to the subject property.
- Figure 6 shows areas where potentially contaminating activities (PCAs) have occurred and areas of potential environmental concern (APEC).

There are no areas of natural significance in the Phase One ESA study area.

Under the requirements of O.Reg. 153/04 as amended, the historical presence of an AST containing fuel oil on the subject site is considered to represent an APEC.

The potential for underground utilities to affect contaminant distribution and transport is considered to be minimal.

Available topographic, surface drainage and hydrogeological information suggests that the direction of shallow groundwater flow is to the east.

The information available for review as part of the preparation of this Phase One ESA is considered sufficient to conclude that an AST containing fuel oil was historically present on-site. This has been confirmed by multiple independent sources.

7.0 CONCLUSIONS

The following potentially contaminating activities (PCAs) were identified on, in, or under the Phase One ESA property:

- Report of a stove oil spill (Ontario Spill Record) to the ground in the mechanical room in 1991. According to the summary of the spill record provided in the EcoLog ERIS report, an environmental impact was not anticipated.
- Report of former AST in the mechanical room

Potentially contaminating activities (PCAs) in the Phase One ESA study area are as follows:

- 14 Blackburn Ave. – Ontario Spill Record : 0.5 L of PCB Transformer oil leak from pole mounted transformer – environmental impact possible
- 5 Blackburn Ave. – Ontario Spill Record : natural gas (methane) discharged to air – environmental impact confirmed (air pollution)
- 297 Laurier Ave E. – Ontario Spill Record : 5L of transformer oil to ground – environmental impact confirmed (soil)
- 258 Stewart St. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 419 Laurier Ave. – Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 273 Laurier Ave. – Ontario Spill Record : 25 lbs of refrigerant to atmosphere – environmental impact not anticipated
- 82 Goulbourn Ave. – Ontario Spill Record : 2L of transformer oil to ground – environmental impact confirmed (soil)
- Laurier Ave and Sweetland Ave. – Ontario Spill Record : ½ tank of gasoline to catch basin – environmental impact not anticipated
- 332 Osgoode St. – Ontario Spill Record : 5L of furnace oil to pavement – environmental impact not anticipated
- 340 Laurier Ave. – O.Reg.347 Waste Generator: Aliphatic solvents, reactive anion wastes, alkaline solutions, wastes from the use of pigments, coatings and paint, light fuels, misc. wastes and inorganic chemicals and aromatic solvents and residues, Oil skimmings and sludges
- 395 Laurier Ave. E – O.Reg.347 Waste Generator: Alkaline phosphates
- 55 Sweetland Ave. – O.Reg.347 Waste Generator: Light Fuels
- 286 Wilbrod St. – O.Reg.347 Waste Generator: not defined

Based on the nature of these records, their separation distance from the Site and/or their downgradient or cross-gradient location with respect to the Site, off-site PCAs are not considered to result in APECs at the Site.

The on-site spill reported in the Ontario Spill Record indicates that the spill amount was extremely minor and that the spilled material entered the sanitary sewer system, and was not discharged to the subsurface at the

subject site. Under the definitions stated in O.Reg. 153/04 (as amended), the on-site spill reported in the Ontario Spill Record and the historical presence of an aboveground fuel storage tank constitute on-site PCAs, which are automatically considered APECs. However, based on our review of relevant documentation, the potential for actual impacts to the natural environment is minimal, and these historical activities are not considered to represent a concern with respect to the current use of the Site.

7.1 Is a Phase 2 ESA Required?

If a more sensitive land use is proposed for the Site (i.e. Residential), a Record of Site Condition will be required for the property, and based on the APECs identified during the Phase 1 ESA, it is our opinion that a Phase 2 ESA will be required to address these APECs. It is our understanding that a Phase 2 ESA and a Record of Site Condition will be undertaken at the appropriate times in conjunction with the Site Plan Approval process.

8.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by, McIntosh Perry Consulting Engineers Ltd. for "All Saints Development Inc.". It is intended for the sole, and exclusive use of All Saints Development Inc., any affiliated companies and partners and their respective financial institutions, insurers, agents, employees and advisors (collectively, 'All Saints Development Inc.'). The report may not be relied upon by any other person or entity without the express written consent of McIntosh Perry Consulting Engineers Ltd. (in the form of a *Reliance Letter*).

Any use which a third party makes of this report, or any reliance on decisions made based on it, without a *Reliance Letter* are the responsibility of such third parties. McIntosh Perry Consulting Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Some of the information presented in this report was provided through maps, air photographs, and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., in certain instances, has been required to assume that the information provided is accurate.

The conclusions presented represent the best professional judgment of the assessor based on current environmental standards and on the site conditions observed during the site inspections on November 9, 2016. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should additional information become available, McIntosh Perry Consulting Engineers Ltd. requests that this information be brought to our attention so that we may be afforded the opportunity to re-assess the conclusions presented herein.

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry Consulting Engineers Ltd.



Dan Arnott, P.Eng.
Senior Reviewer



Meghan Coyle, B.Sc.
Environmental Scientist

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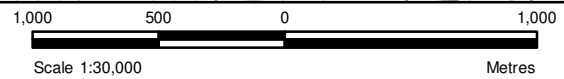
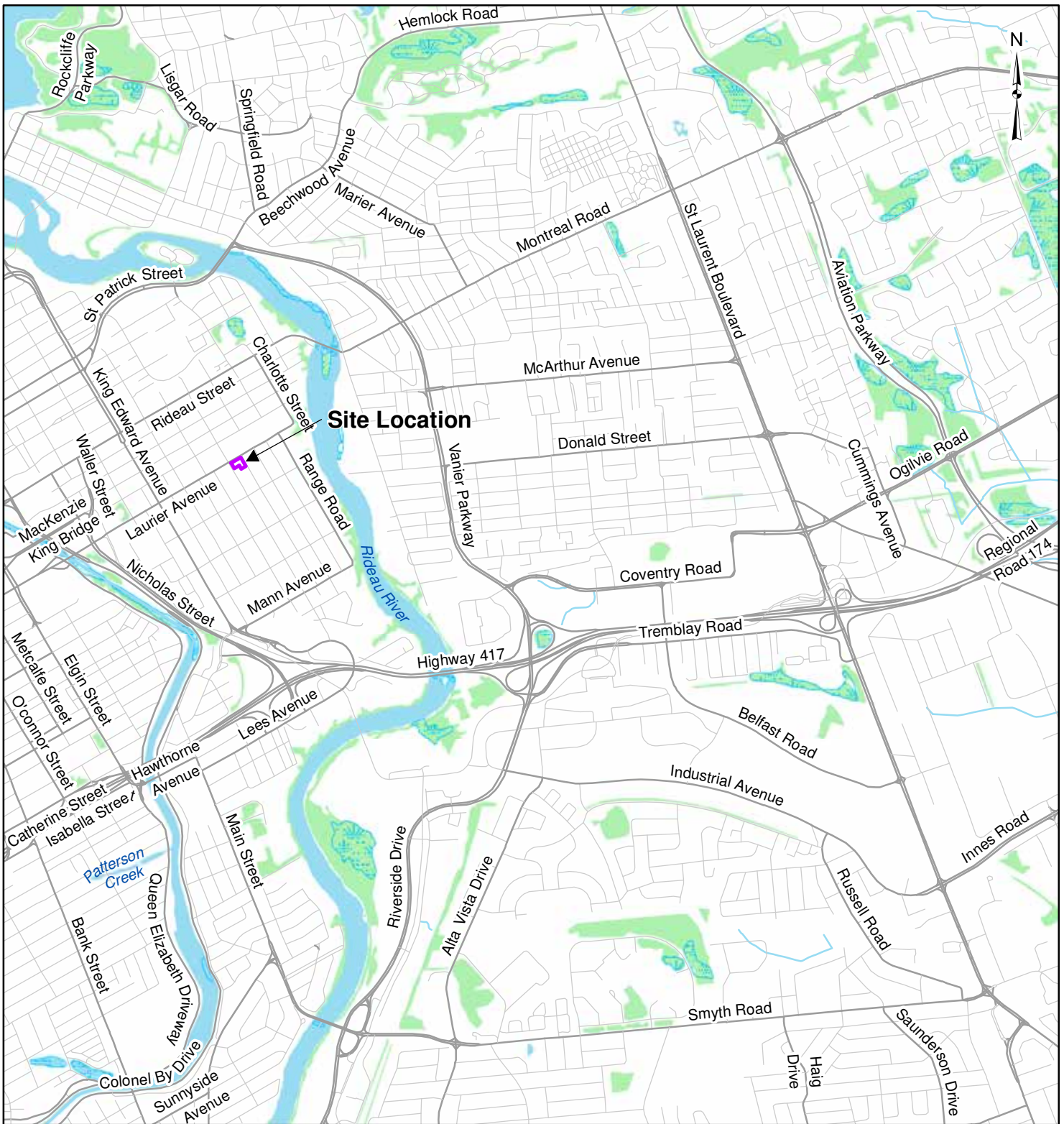
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Ontario Ministry of Environment (MOE), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

Ontario Geological Survey (OGS) – Google Earth™ (website: http://www.mndmf.gov.on.ca/mines/ogs_earth_e.asp).

FIGURES



LEGEND

- Property Boundary
- Local Road
- Major Road
- Wooded Area
- Watercourse
- Waterbody
- Evaluated-Provincial
- Unevaluated Wetland

REFERENCE

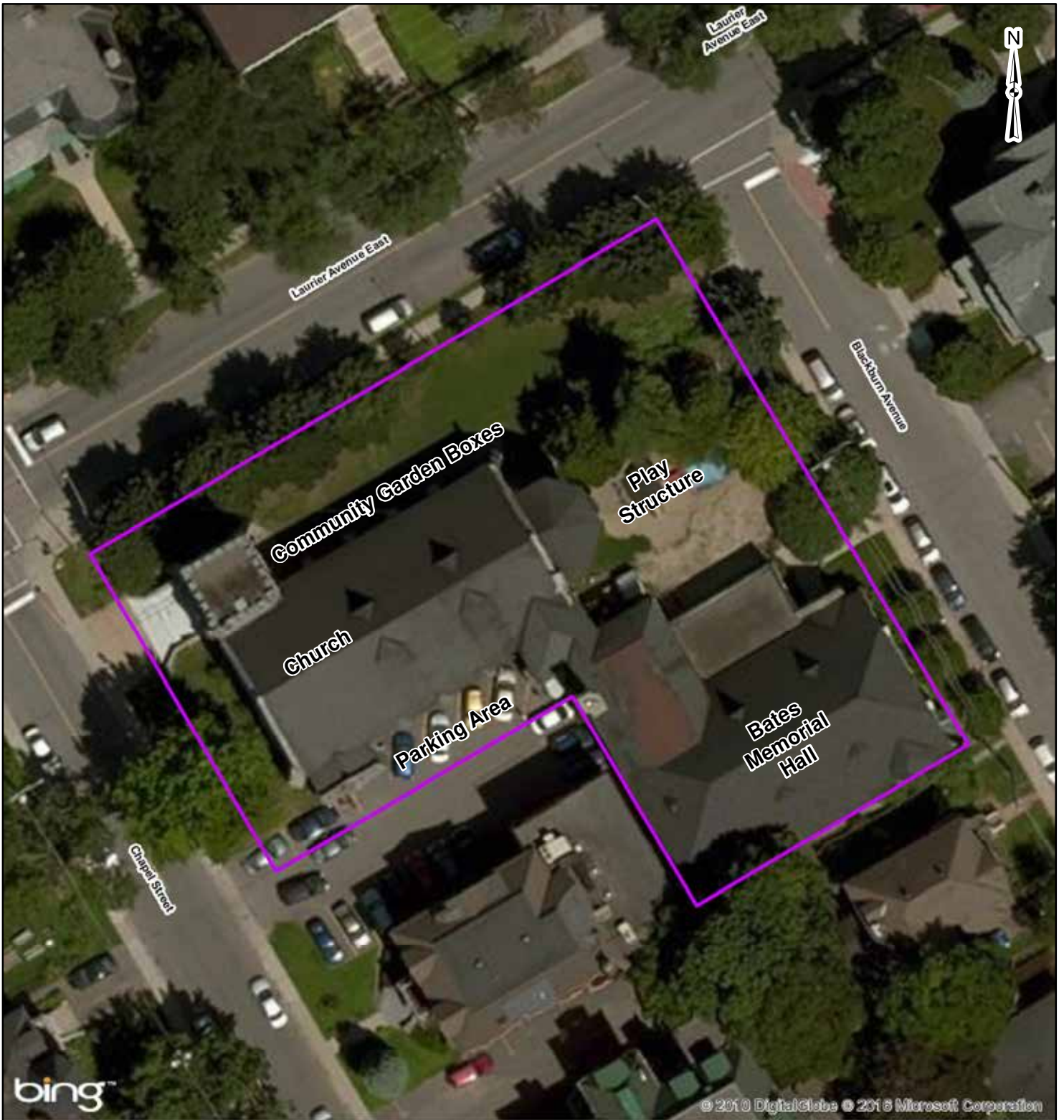
GIS data provided by the Ontario Ministry of Natural Resources, 2016.

CLIENT:	ALL SAINTS DEVELOPMENT	
PROJECT:	PHASE ONE ESA 315 CHAPEL STREET	
TITLE:	SITE LOCATION	
PROJECT NO:	CP-16-0545	FIGURE:
Date	Nov. 8, 2016	1
GIS	JD	
Checked By	MC	

MINTOSH PERRY

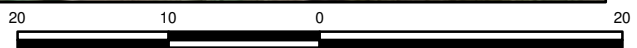
115 Walgreen Rd., RR#3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742

H:\01 Project - Proposals\2016_Loos\CP-16-0545 All Saints Development - Adequacy of Services - 315 Chapel Street\16 - Phase ONE ESA\05 GIS\mxd\CP160545_01_SiteLocationChapel.mxd



bing

© 2010 DigitalGlobe © 2010 Microsoft Corporation



Scale 1:500 Metres

LEGEND

Property Boundary

CLIENT:	ALL SAINTS DEVELOPMENT	
PROJECT:	PHASE ONE ESA 315 CHAPEL STREET	
TITLE:	SITE LAYOUT	

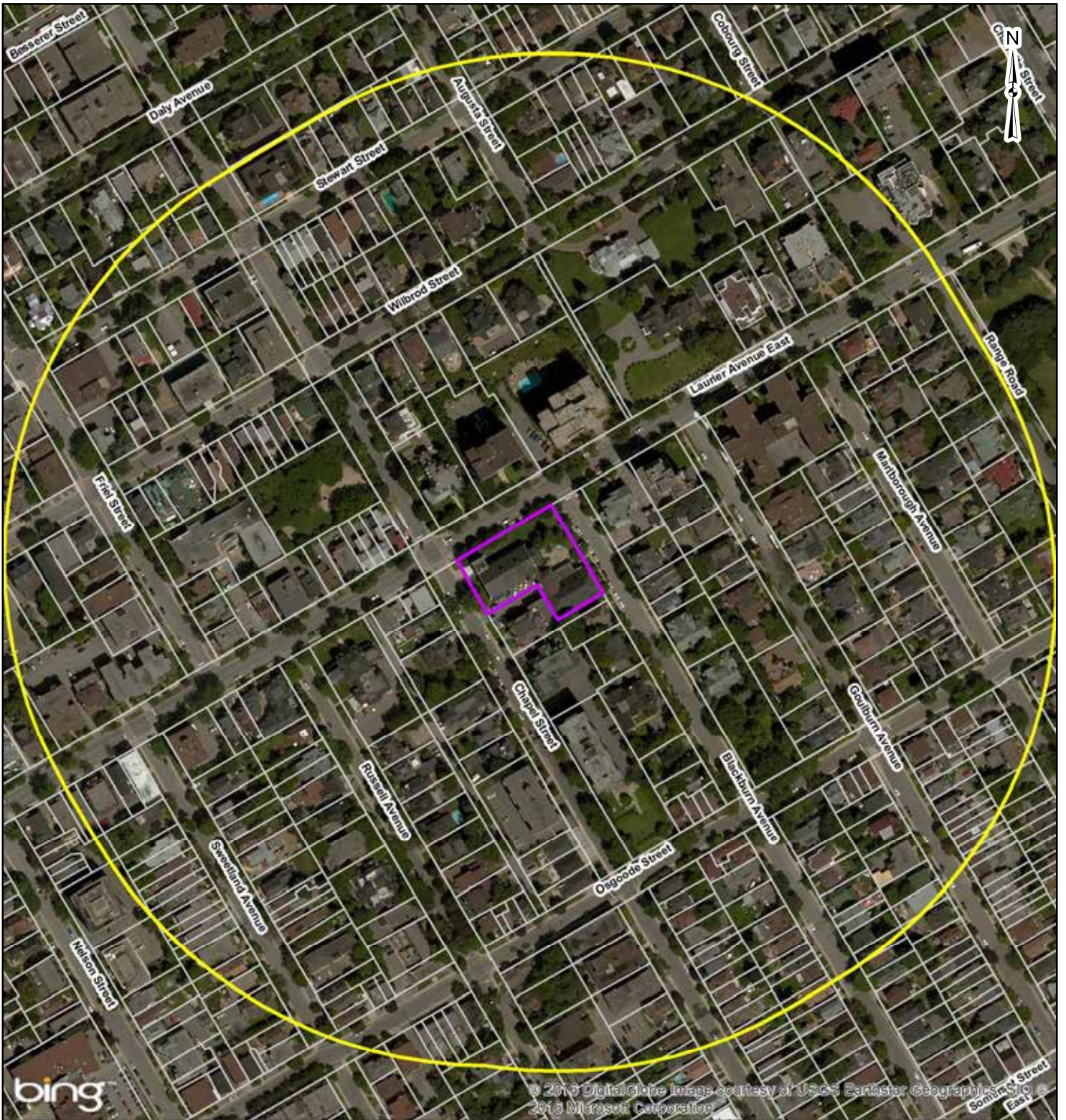
REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources, 2016.

115 Walgreen Rd., RR#3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742

PROJECT NO: CP-16-0545	FIGURE:
Date: Nov. 8, 2016	2
GIS: JD	
Checked By: MC	

H:\01 Project - Proposals\2016 Jobs\CP-16-0545 All Saints Development\Adequacy of Services_315 Chapel Street\16 - Phase ONE ESA\05 GIS\mxd\0CP160545_02_SiteLayout\Chapel.mxd

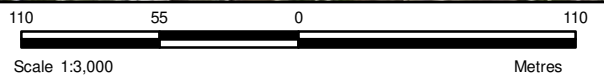


LEGEND

- Property Boundary
- 250m Buffer
- Property Parcel

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources, 2016.

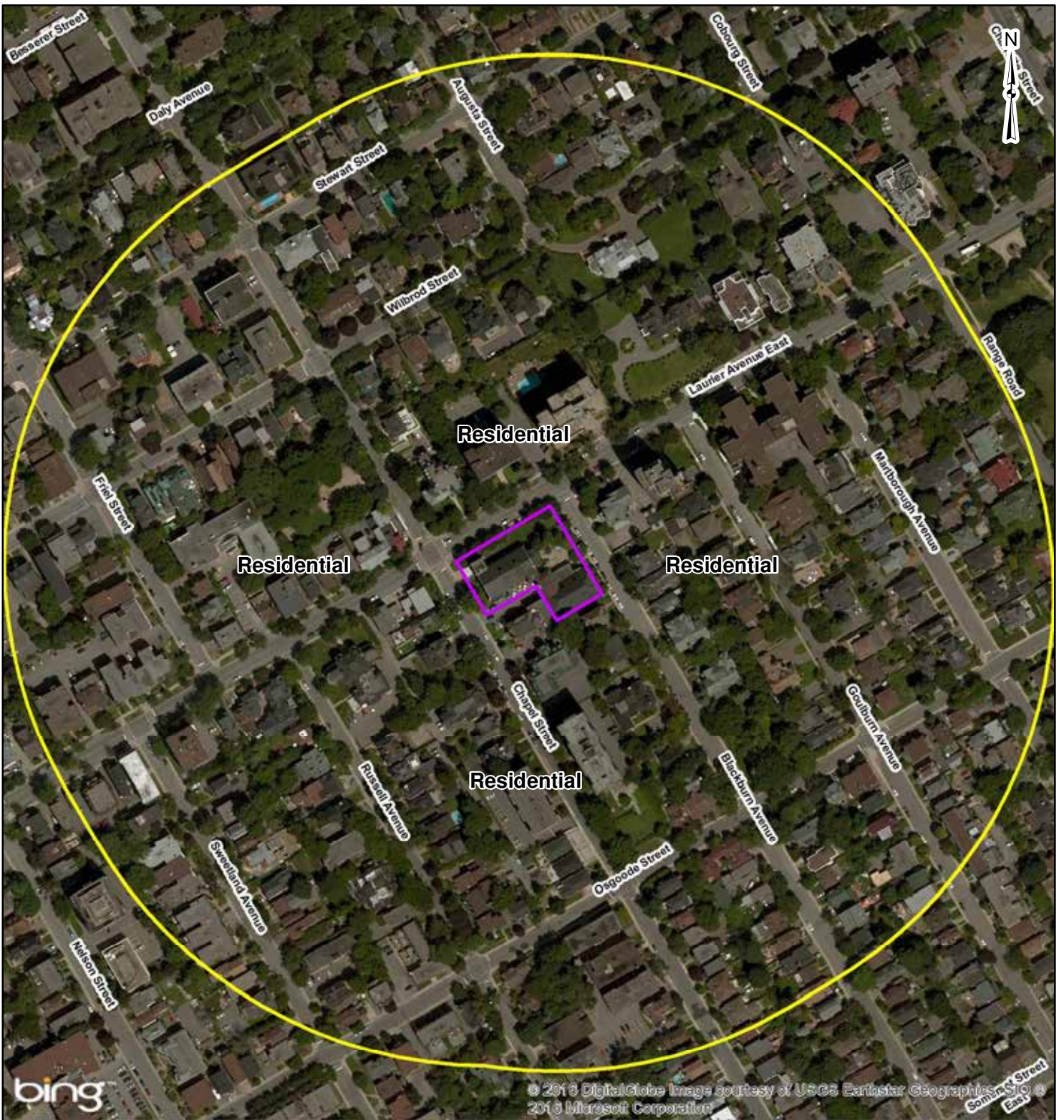


CLIENT:	ALL SAINTS DEVELOPMENT
PROJECT:	PHASE ONE ESA 315 CHAPEL STREET
TITLE:	STUDY AREA AND SURROUNDING PROPERTIES

		PROJECT NO: CP-16-0545	FIGURE:
Date	Nov. 8, 2016	3	
GIS	JD		
Checked By	MC		

115 Walgreen Rd., RR#3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742

H:\01 Project - Proposals\2016 Jobs\CP-16-0545 All Saints Development - Adequacy of Services - 315 Chapel Street\16 - Phase ONE ESA\05 GIS\mxd\CP160545_03_StudyArea\Chapel.mxd



bing

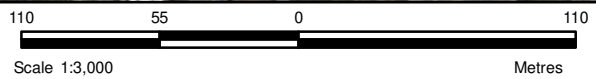
© 2013 DigitalGlobe Image courtesy of USGS Earthstar Geographics
© 2013 Microsoft Corporation

LEGEND

- Property Boundary
- 250m Buffer

REFERENCE

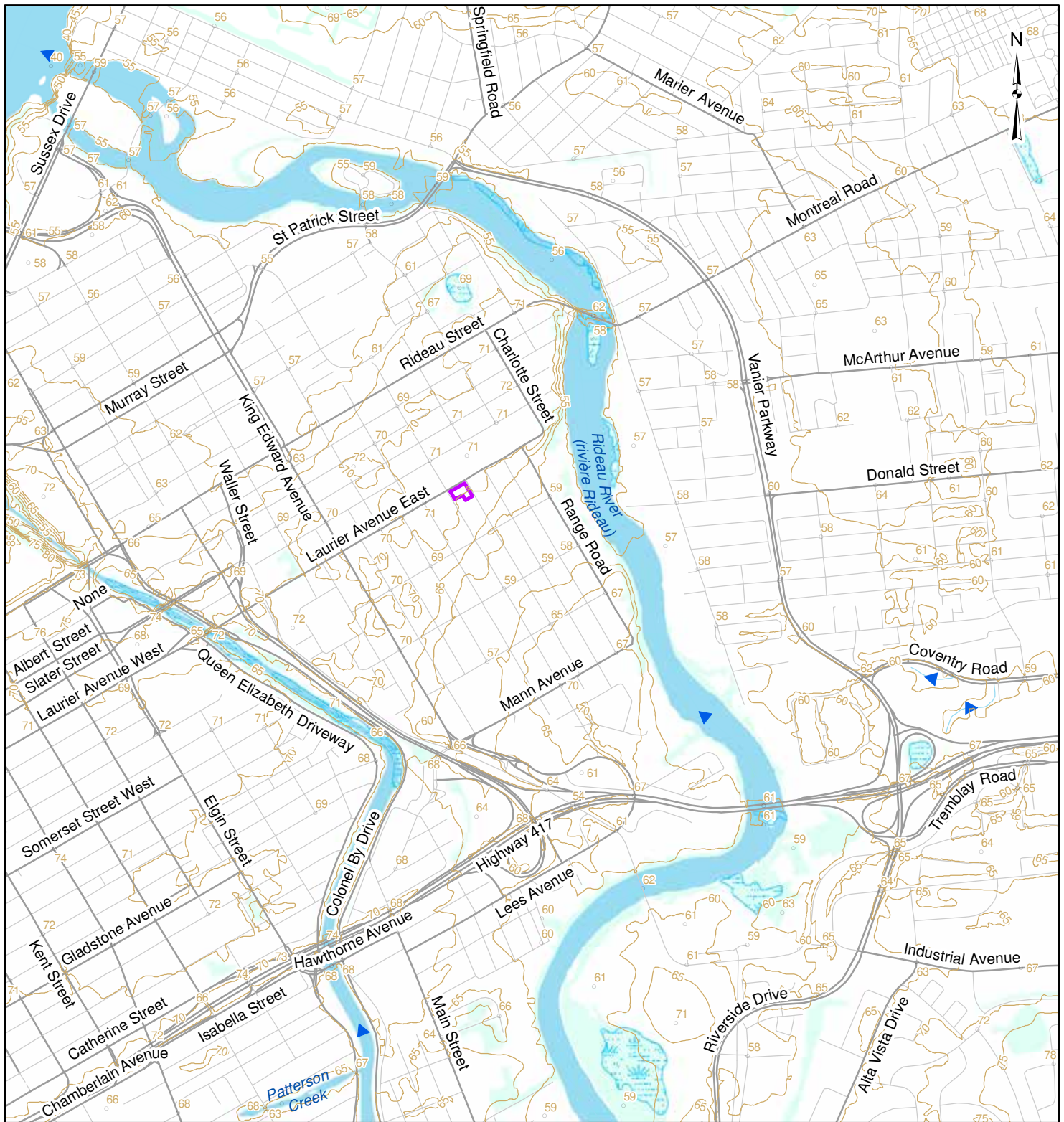
GIS data provided by the Ontario Ministry of Natural Resources, 2016.



CLIENT:	ALL SAINTS DEVELOPMENT		
PROJECT:	PHASE ONE ESA 315 CHAPEL STREET		
TITLE:	SURROUNDING LAND USE		
	PROJECT NO: CP-16-0545	FIGURE:	4
	Date	Nov. 8, 2016	
	GIS	JD	
	Checked By	MC	

115 Walgreen Rd., RR#3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742

H:\01 Project - Proposals\2016 Jobs\CP-16-0545 All Saints Development\Adequacy of Services_315 Chapel Street\16 - Phase ONE ESA\05 GIS\mxd\CP160545_04_SurroundingLandUseChapel.mxd

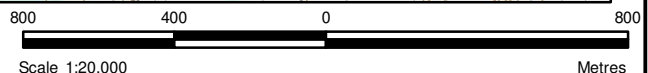


LEGEND

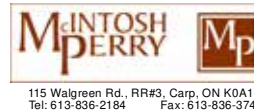
- Spot Height (masl)
- Contour (masl)
- Local Road
- Major Road
- ▶ Watercourse
- ▨ Unevaluated Wetland
- ▨ Provincially Significant Wetland
- Waterbody
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources, 2016.



CLIENT:	ALL SAINTS DEVELOPMENT	
PROJECT:	PHASE ONE ESA 315 CHAPEL STREET	
TITLE:	DRAINAGE AND TOPOGRAPHY	
PROJECT NO:CP-16-0545	FIGURE:	5
Date	Nov. 17, 2016	
GIS	JD	
Checked By	MC	



H:\01 Project - Proposals\2016 Jobs\CP\OCP-16-0545 All Saints Development_Adequacy of Services_315 Chapel Street\16 - Phase ONE ESA\05 GIS\mxd\OCP160545_06_APECS\Chapel.mxd



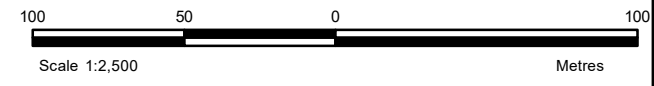
LEGEND

- Area of Potential Environmental Concern (APEC)
- Potentially Contaminating Activity (PCA)
- Property Boundary
- 250m Buffer
- Property Parcel

- 1** 315 Chapel Street (Subject Property)
PCAs - Ontario Spill Record - report of a stove oil spill to the ground in the mechanical room in 1991. An environmental impact was not anticipated.
APECS - Historical presence of aboveground storage tank (AST).
- 2** 14 Blackburn Ave.
PCA - Ontario Spill Record : 0.5 L of PCB Transformer oil leak from pole mounted transformer – environmental impact possible
- 3** 5 Blackburn Ave.
PCA - Ontario Spill Record: natural gas (methane) discharged to air – environmental impact confirmed (air pollution)
- 4** 297 Laurier Ave. E.
PCA - Ontario Spill Record: 5L of transformer oil to ground – environmental impact confirmed (soil)
- 5** 258 Stewart St.
PCA - Ontario Spill Record: Unknown amount of furnace oil to ground – environmental impact possible
- 6** 419 Laurier Ave.
PCA - Ontario Spill Record : Unknown amount of furnace oil to ground – environmental impact possible
- 7** 273 Laurier Ave.
PCA - Ontario Spill Record : 25 Lbs of refrigerant to atmosphere – environmental impact not anticipated
- 8** 82 Goulbourn Ave.
PCA - Ontario Spill Record : 2L of transformer oil to ground – environmental impact confirmed (soil)
- 9** Laurier Ave. and Sweetland Ave.
PCA - Ontario Spill Record : ½ tank of gasoline to catch basin – environmental impact not anticipated
- 10** 332 Osgoode St.
PCA - Ontario Spill Record : 5L of furnace oil to pavement – environmental impact not anticipated
- 11** 395 Laurier Ave. E.
PCA - O.Reg.347 Waste Generator (see table 9 for details)
- 12** 55 Sweetland Ave.
PCA - O.Reg.347 Waste Generator (see table 9 for details)
- 13** 286 Wilbrod St.
PCA - O.Reg.347 Waste Generator (see table 9 for details)

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources, 2016.



CLIENT:		ALL SAINTS DEVELOPMENT	
PROJECT:		PHASE ONE ESA 315 CHAPEL STREET	
TITLE:		PCA'S AND APEC'S	
	PROJECT NO: CP-16-0545	FIGURE:	6
	Date: Nov. 17, 2016		
	GIS: JD		
	Checked By: MC		

115 Walgreen Rd., RR#3, Carp, ON K0A1L0
 Tel: 613-836-2184 Fax: 613-836-3742

APPENDIX A AERIAL PHOTOGRAPHS



1928



N





1965





1976

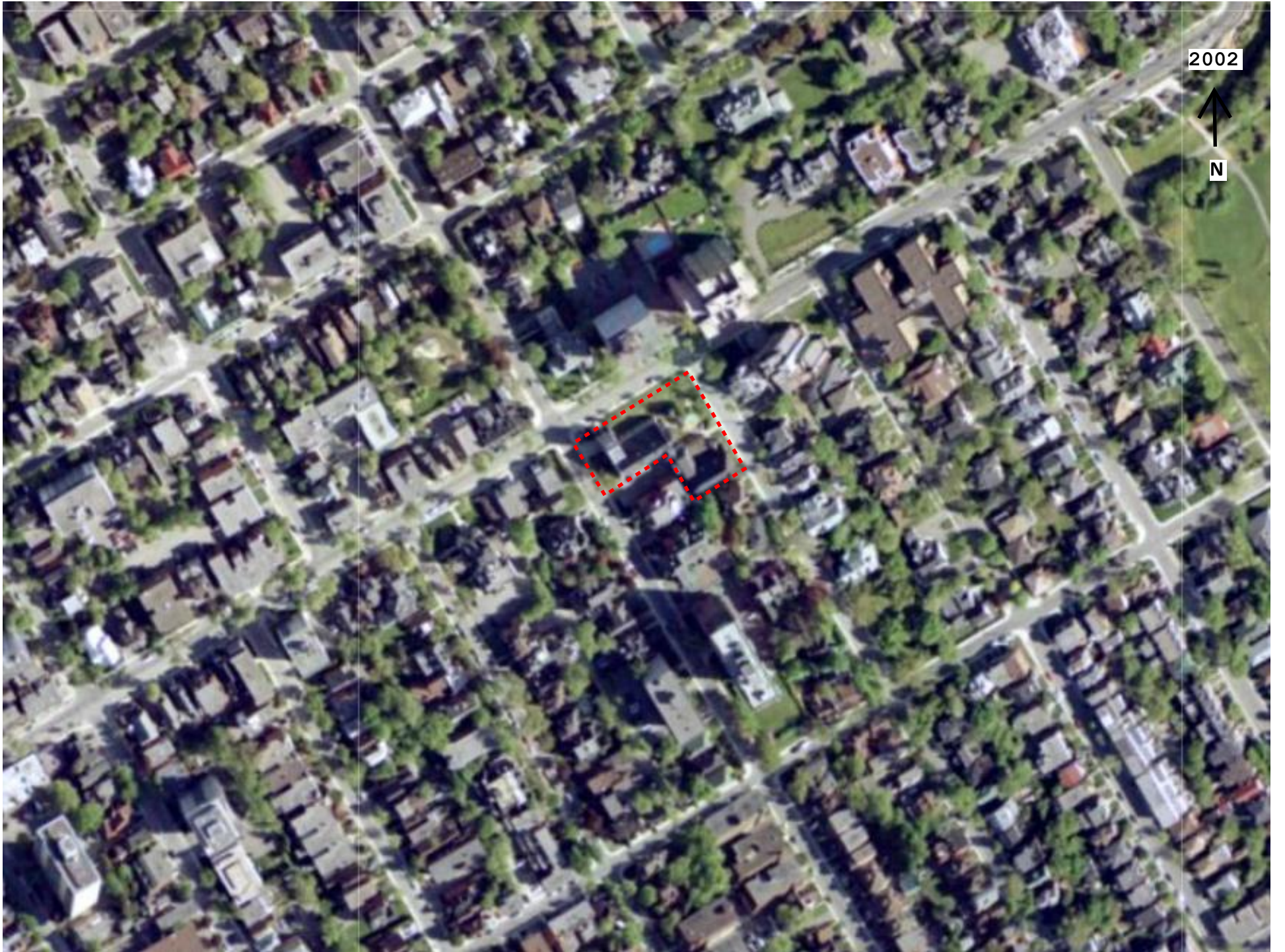


N



1991





2002





2008



N



2014



N

APPENDIX B FIRE INSURANCE PLANS



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:
Anthony

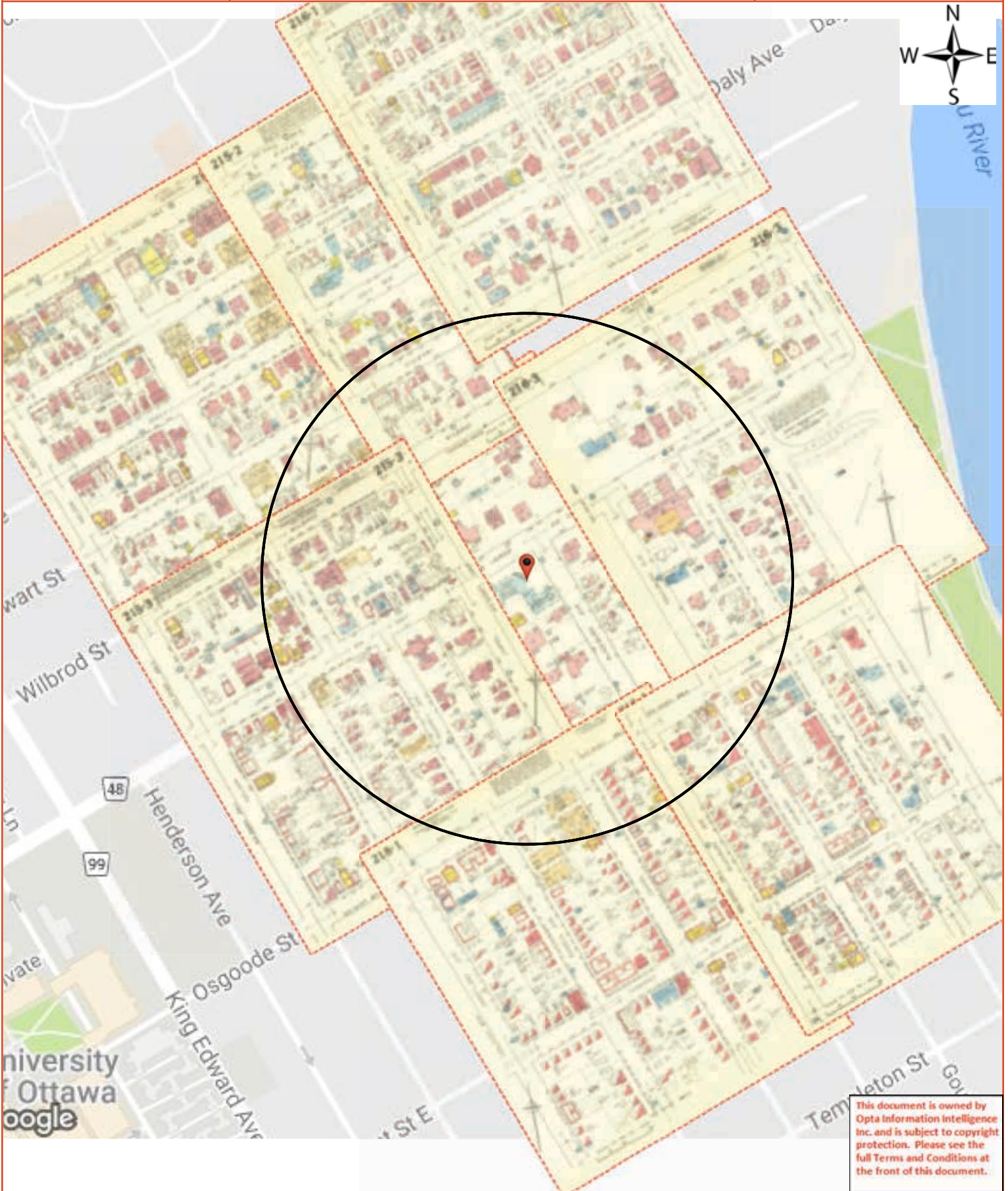
Site Address:
315 Chapel Street Ottawa ON

Project No:
20161104073

Opta Order ID:
30830

Requested by:
Eleanor Goolab
Ecolog ERIS

Date Completed:
11/14/2016 10:59:15 AM



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Opta Historical Environmental Services EnviroscanTM 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.



175 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 905.882.6300
Toll Free: 905.882.6300
F: 905.882.6300

An SCM Company
www.optaintel.ca

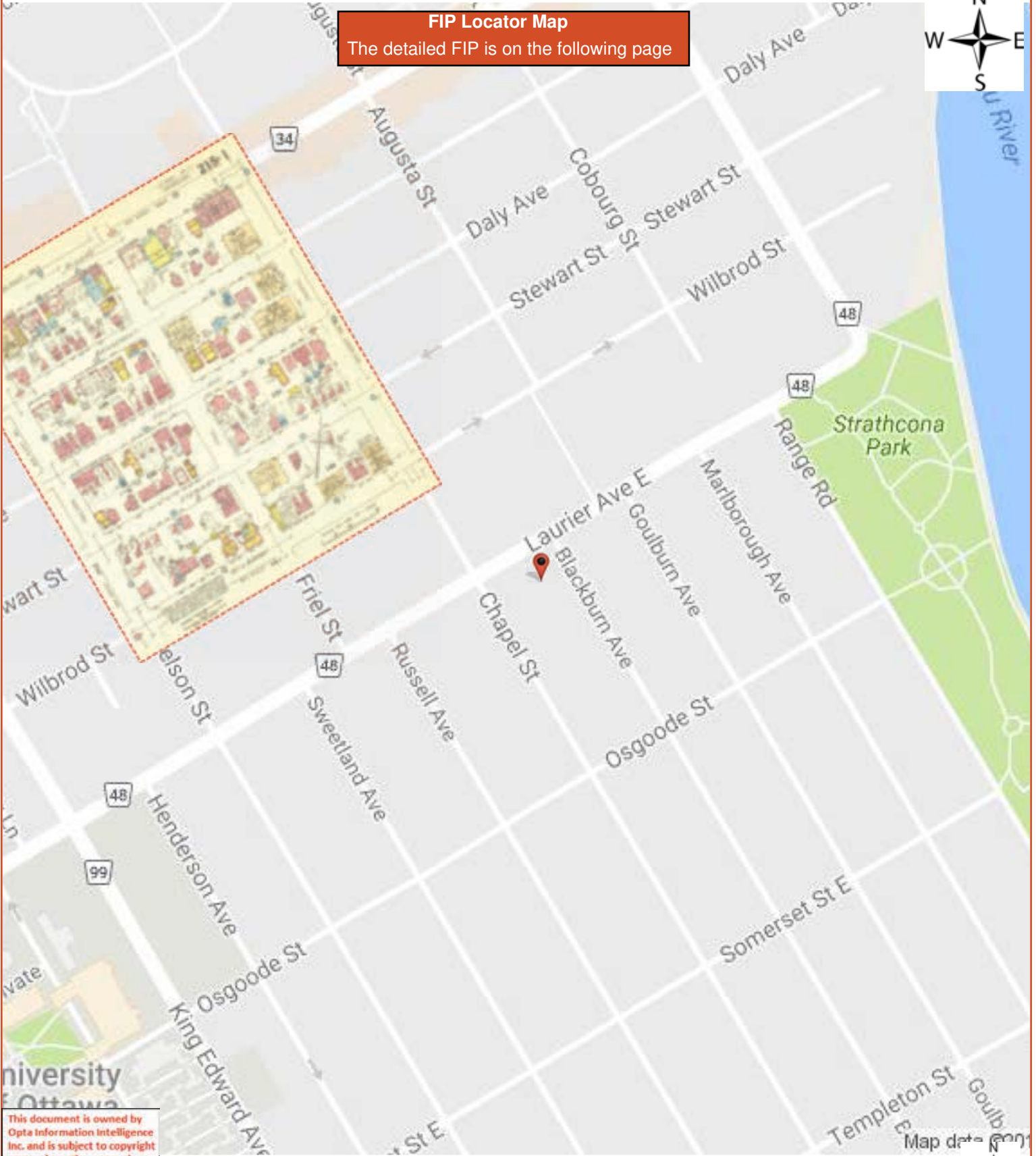


Page	Report Title
6	(1958) Volume: Ottawa Volume 2 Firemap: 215-1
8	(1958) Volume: Ottawa Volume 2 Firemap: 215-2
10	(1958) Volume: Ottawa Volume 2 Firemap: 215-2
12	(1958) Volume: Ottawa Volume 2 Firemap: 215-3
14	(1958) Volume: Ottawa Volume 2 Firemap: 216-1
16	(1958) Volume: Ottawa Volume 2 Firemap: 216-3
18	(1958) Volume: Ottawa Volume 2 Firemap: 218-1
20	(1958) Volume: Ottawa Volume 2 Firemap: 218-2



FIP Locator Map

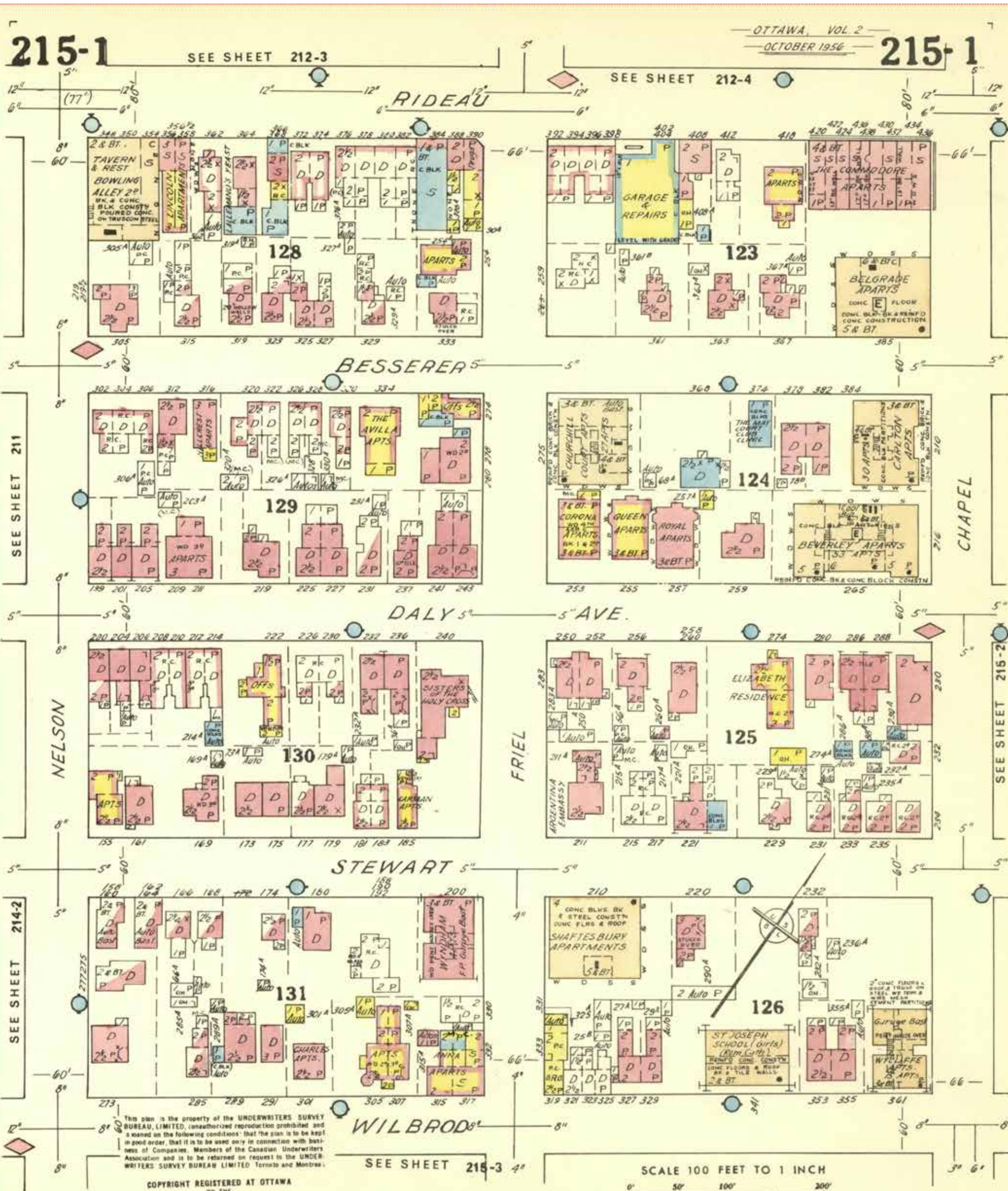
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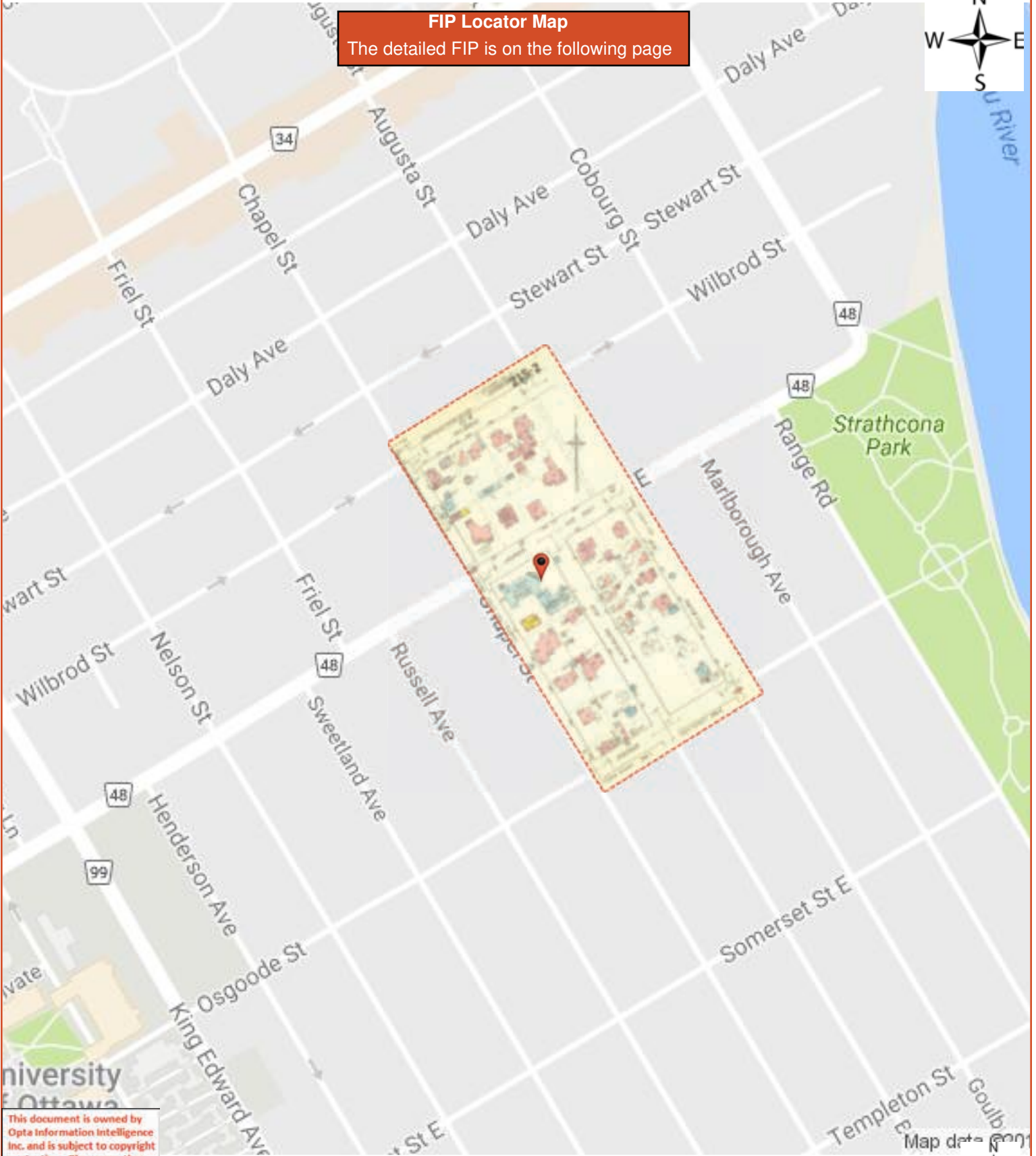
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Map data © 2016

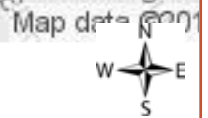


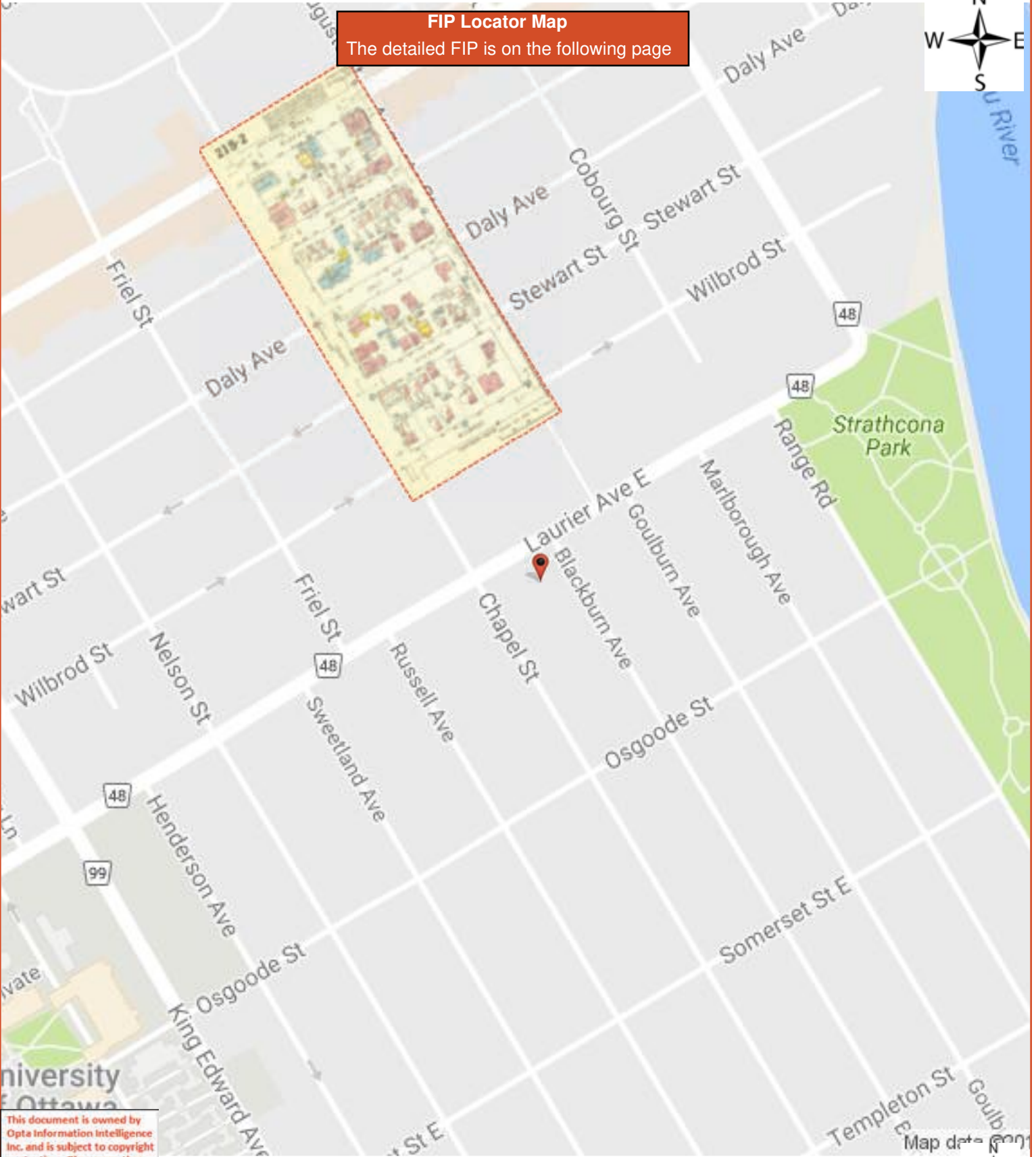


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The detailed FIP is on the following page



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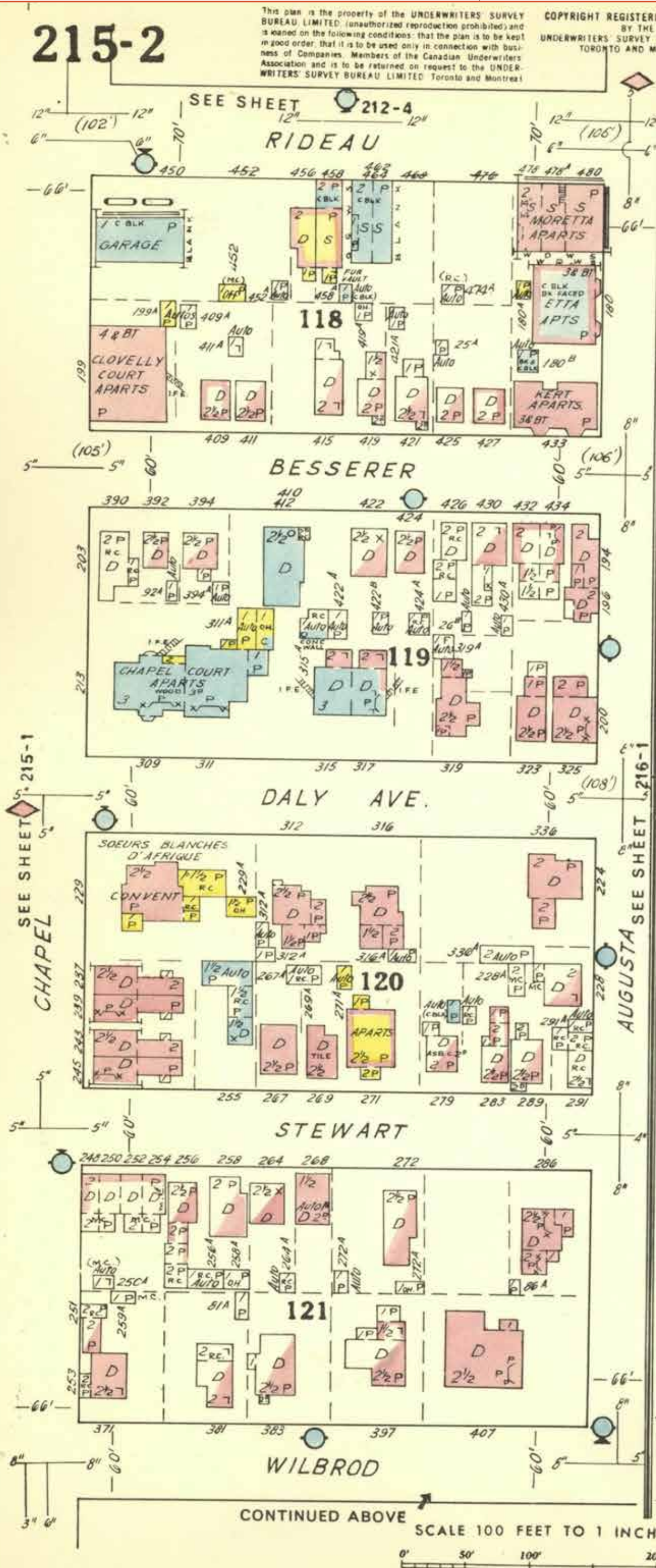
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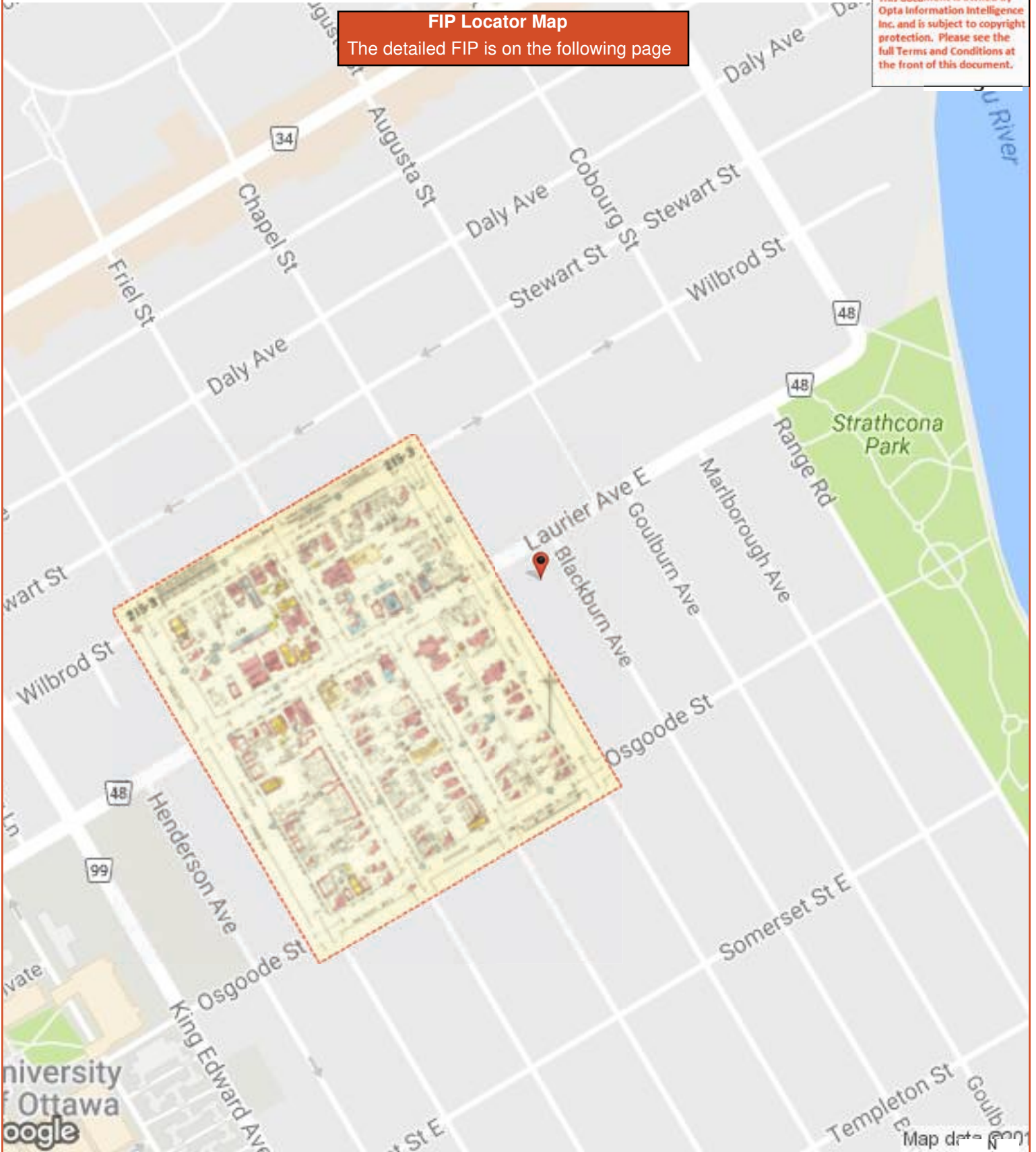
Map data © 2016

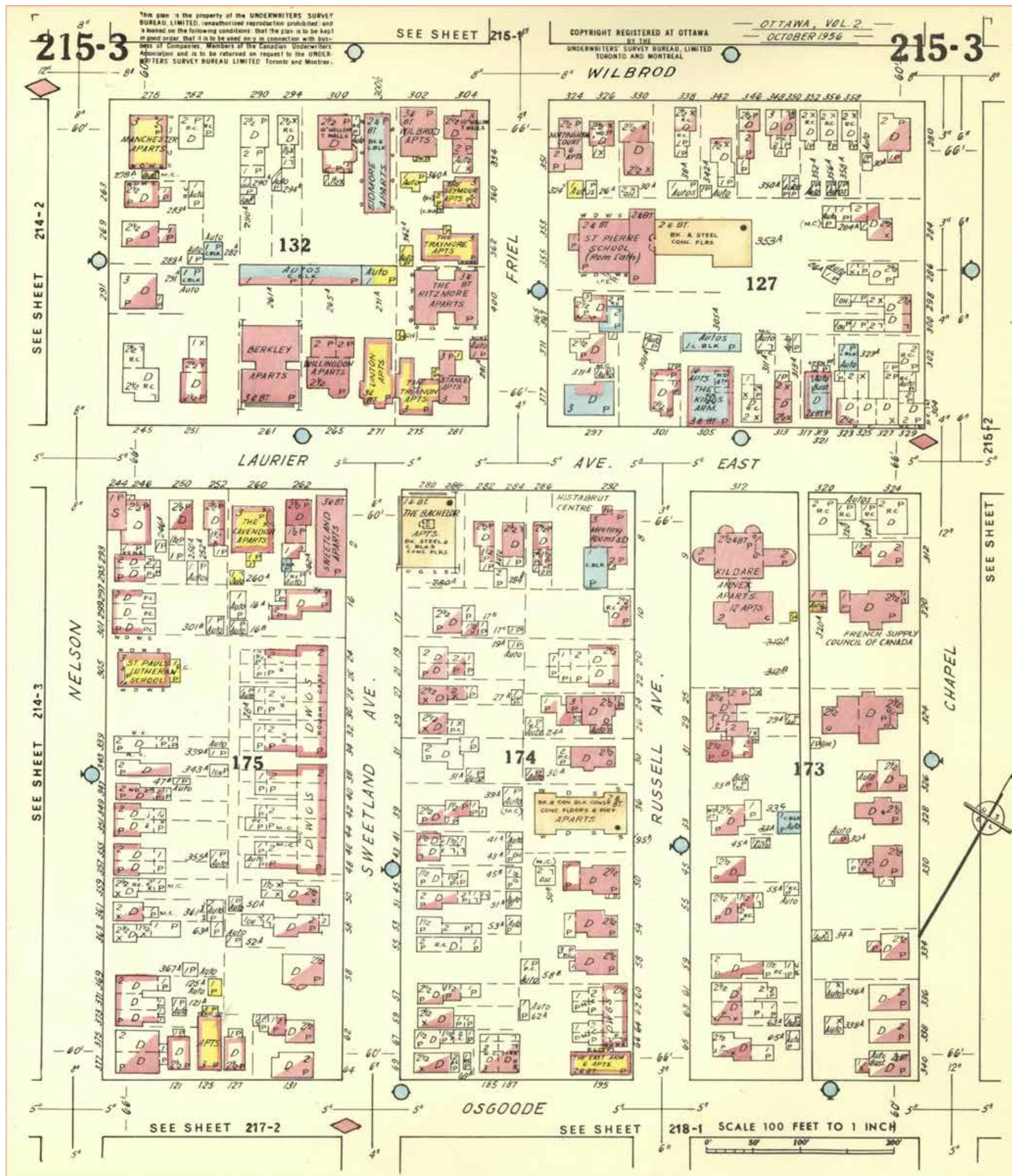


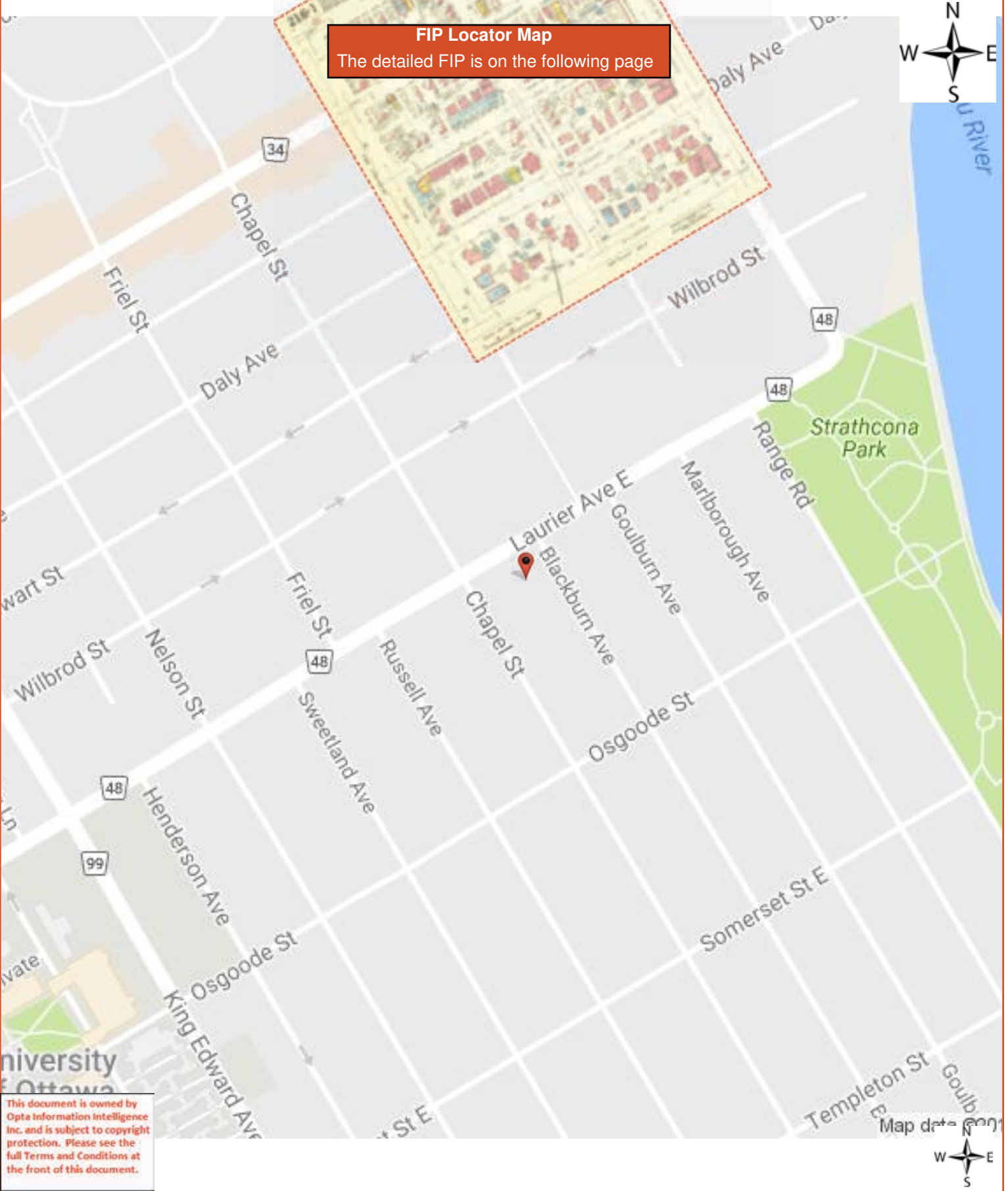


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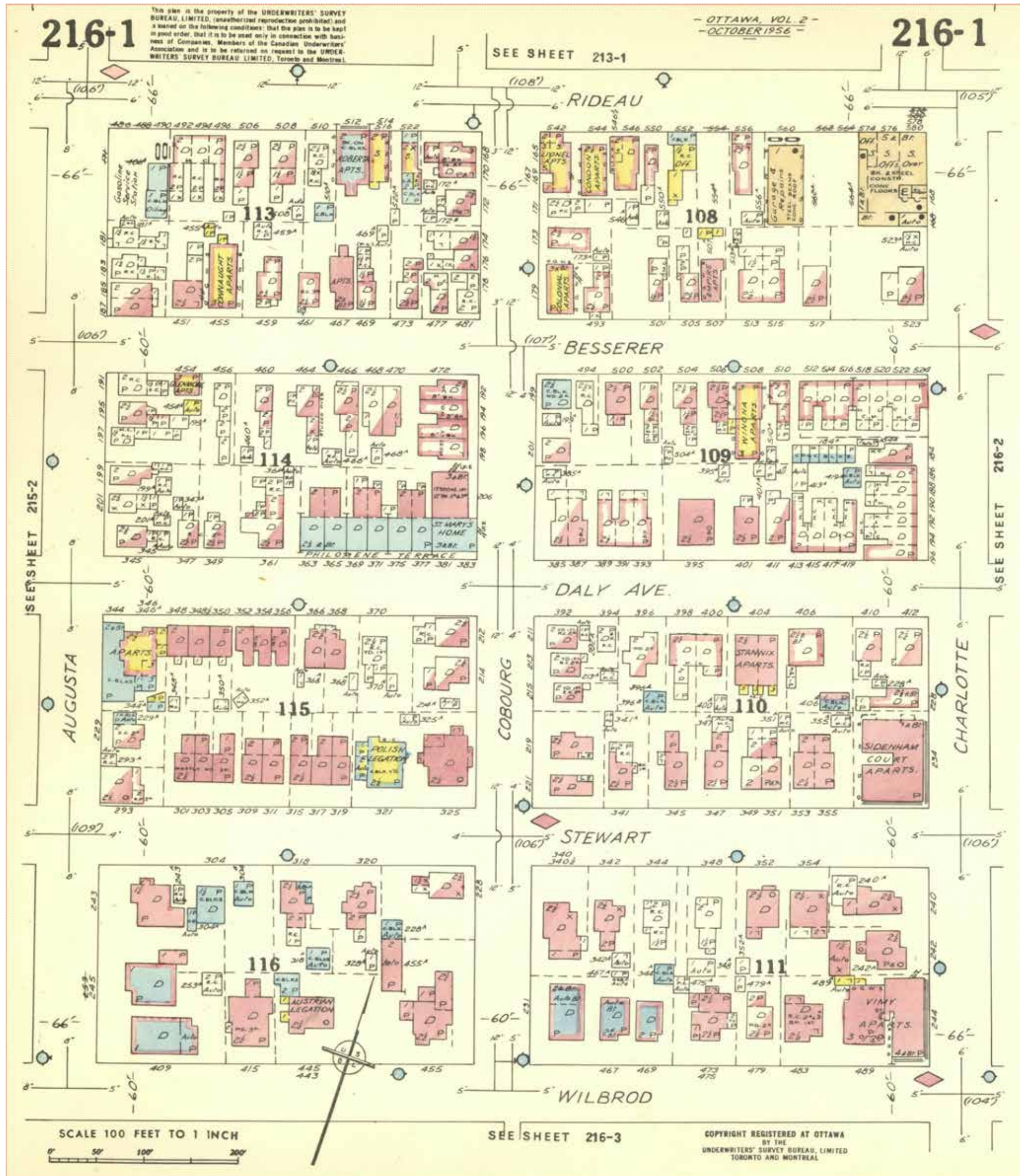
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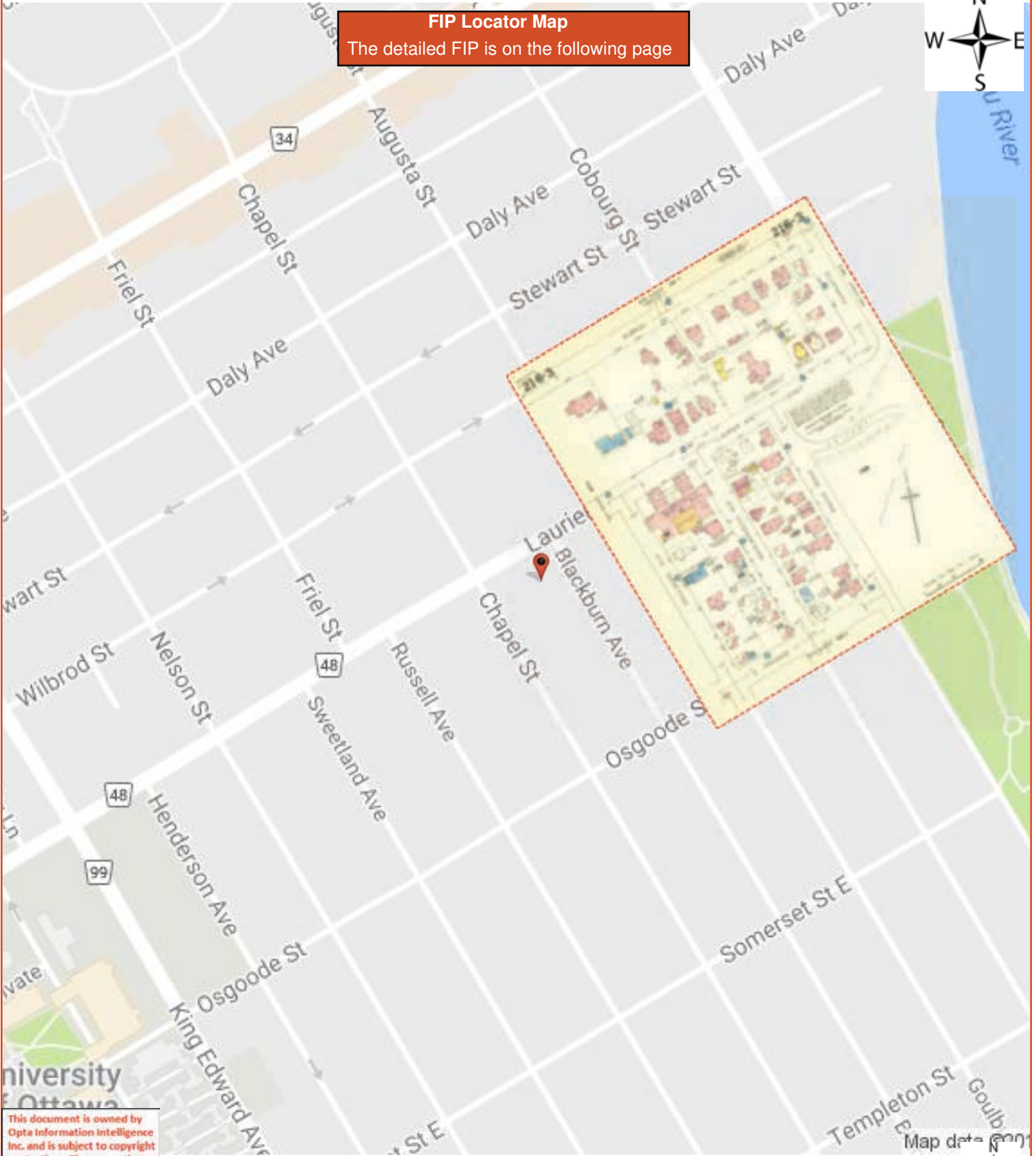




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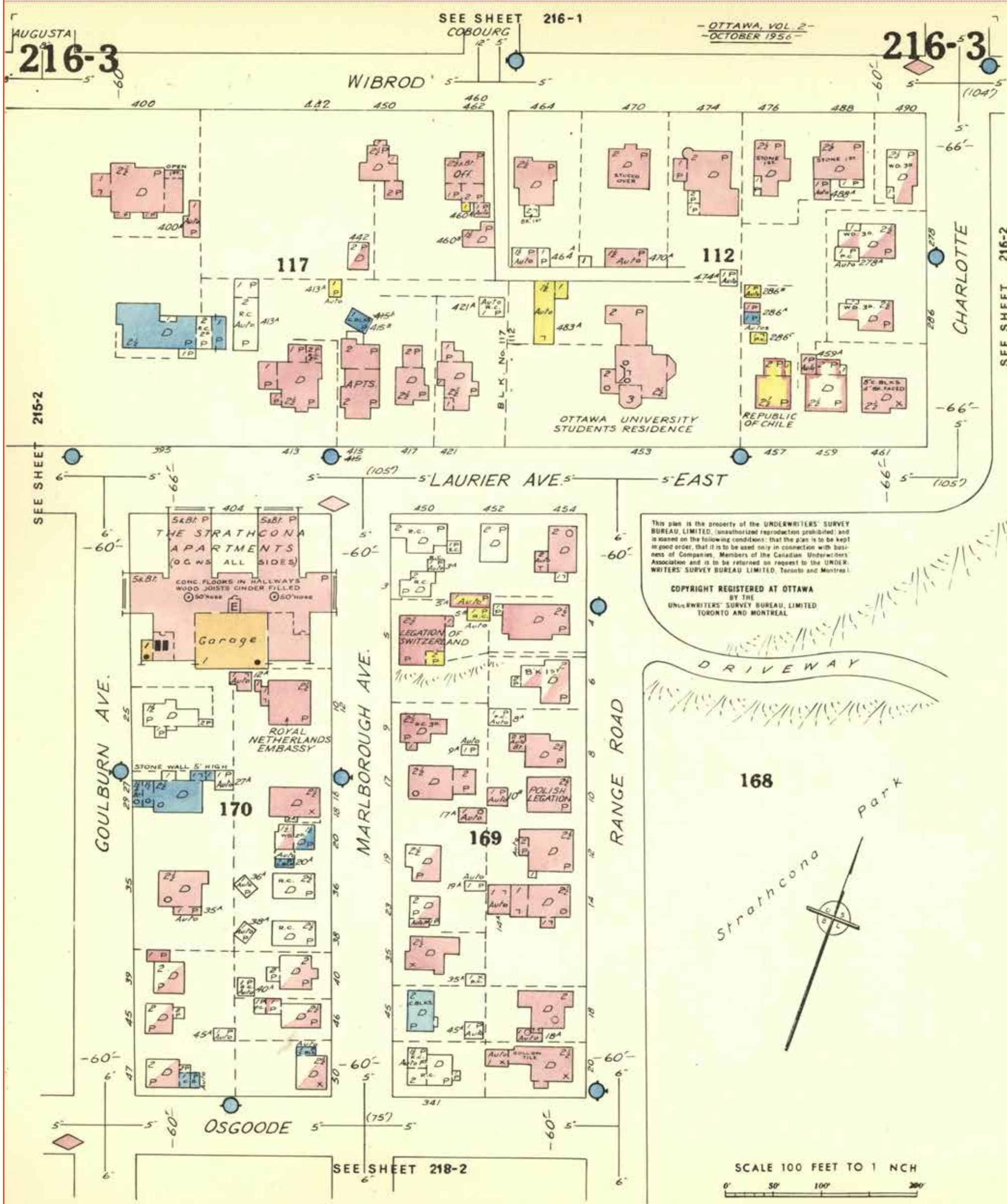
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Map data © 2016

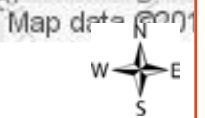
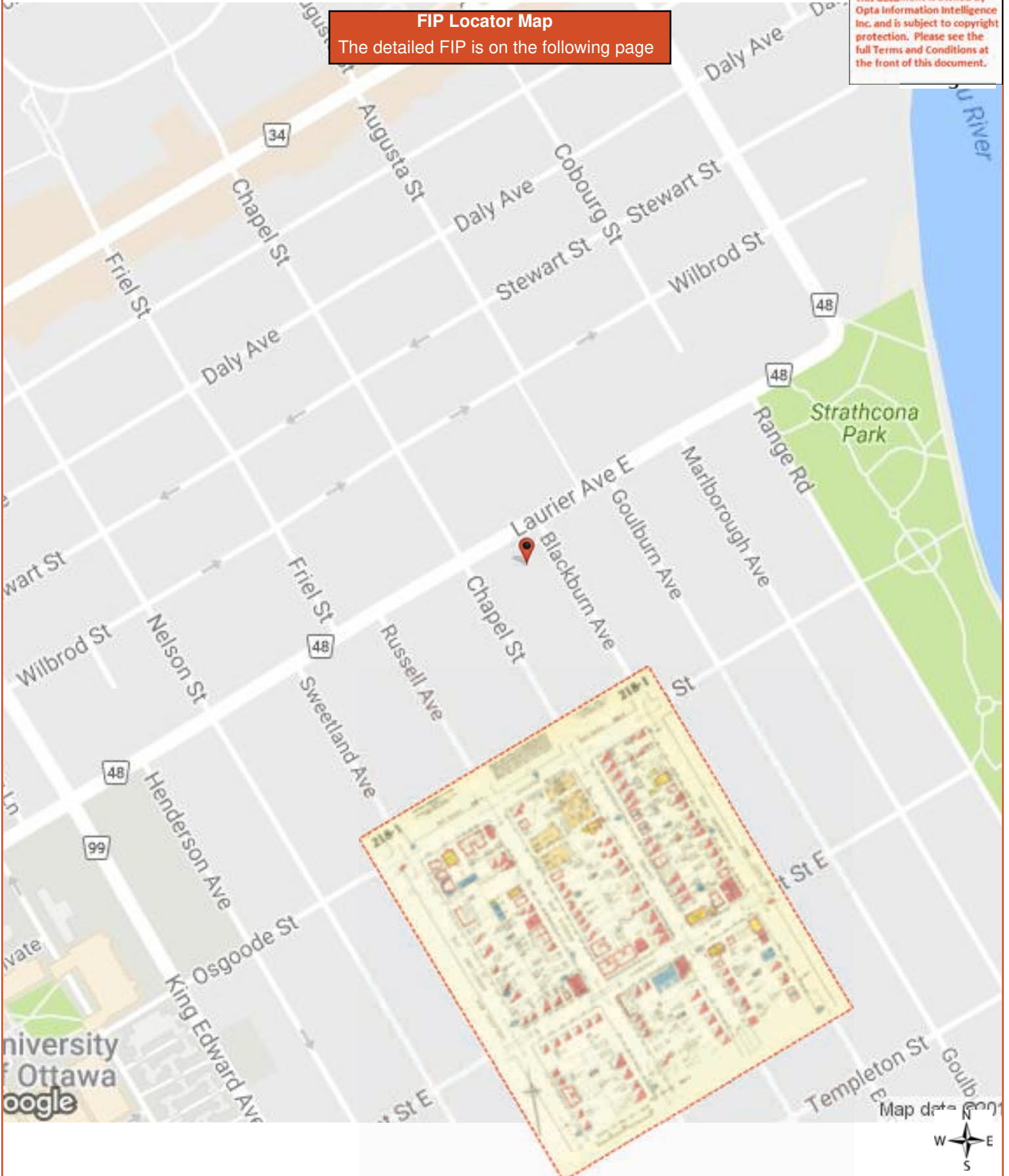






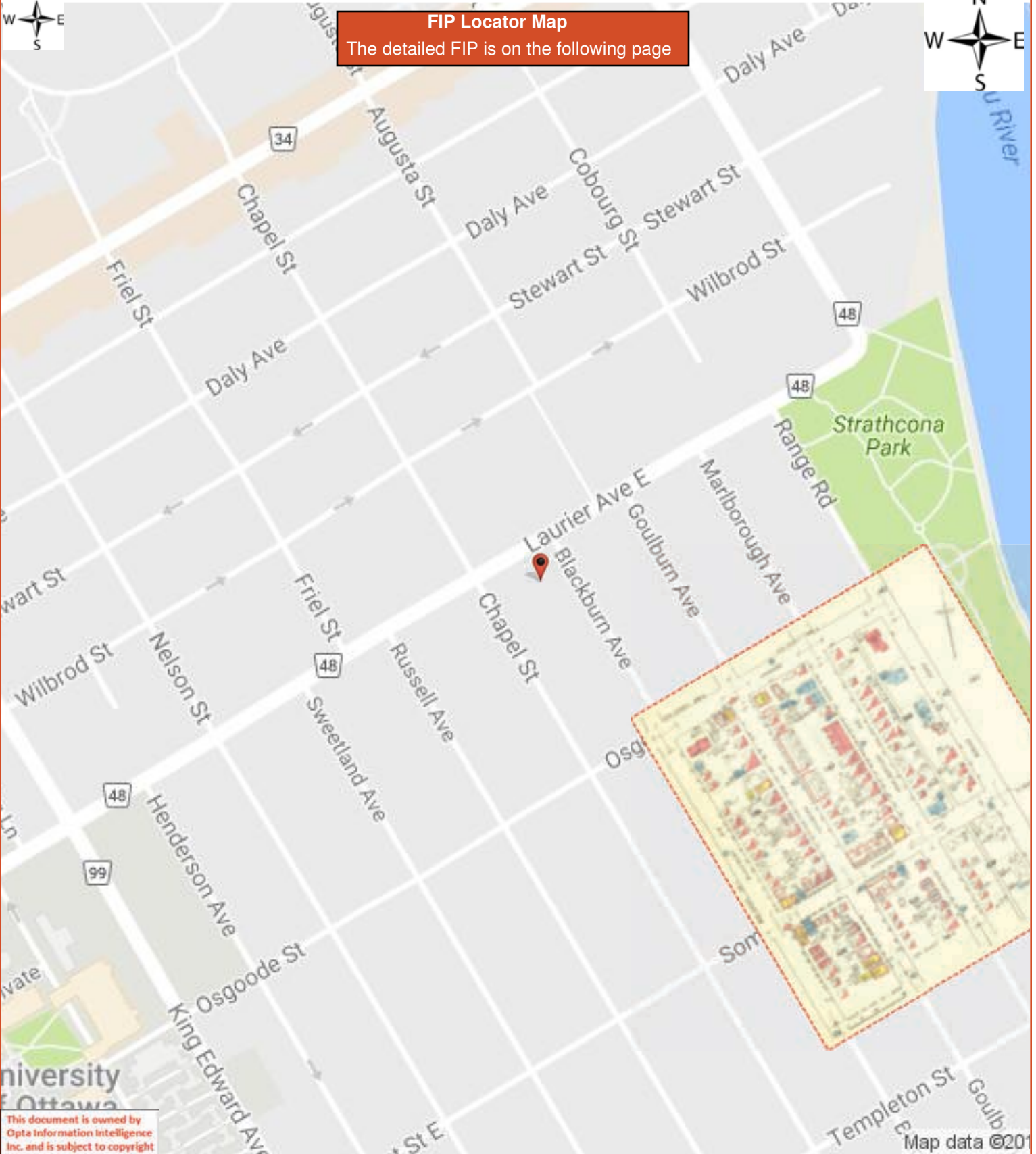
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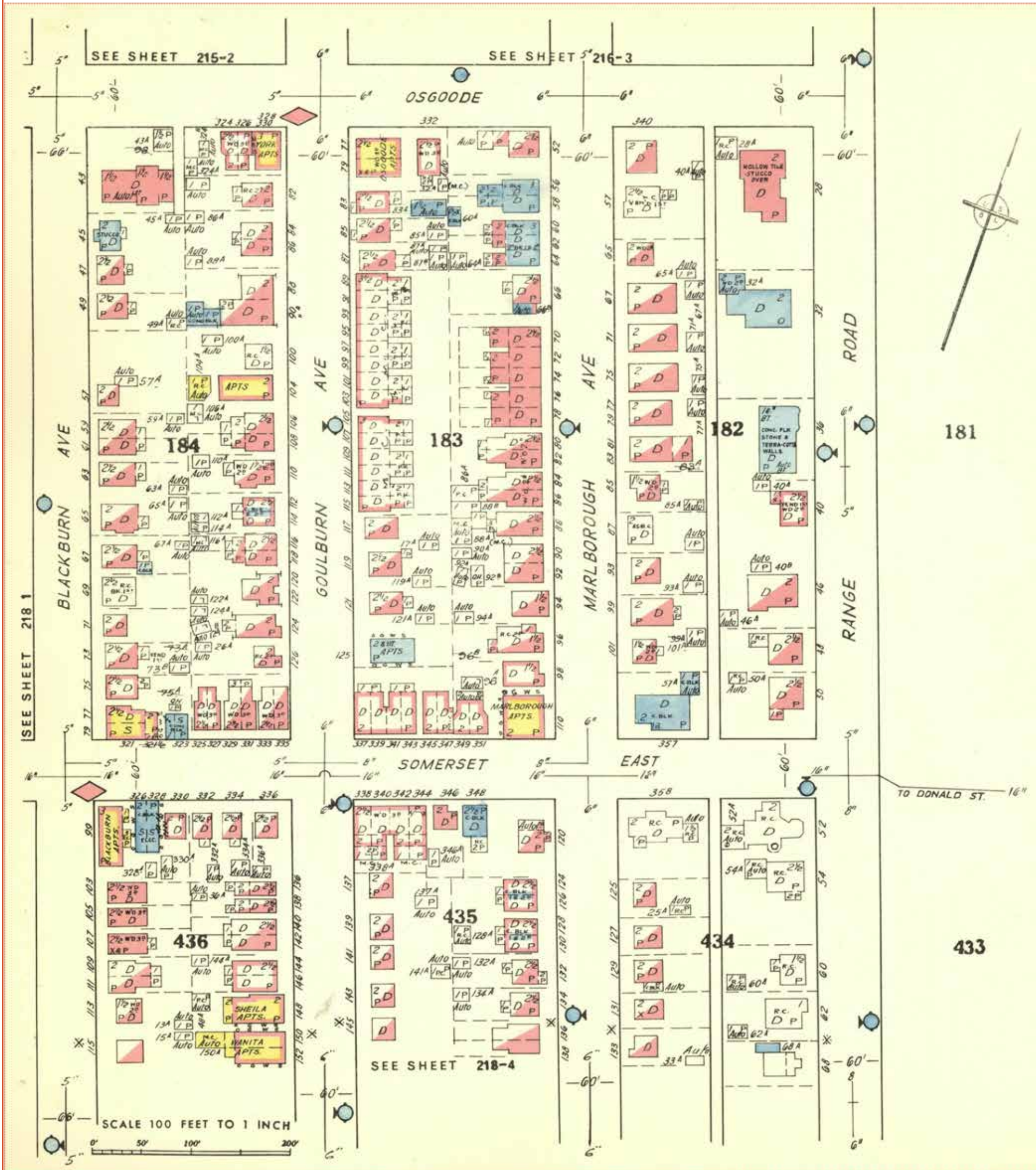


FIP Locator Map
The detailed FIP is on the following page



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Map data ©2016



APPENDIX C CORRESPONDENCE (INCLUDING MOECC FOI RESULTS)



4/Nov/16

Ministry of the Environment and Energy
Freedom of Information Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2

Re: Request for Information
Civic Address: 315 Chapel Street, Ottawa, ON
Legal Description: Plan 37220 Lot 9 to 12, Laurier Ave. Pt Lots 3 and 4, W Blackburn Ave.,
PIN 04080021

Dear Sir/Madam,

Please find enclosed a freedom of information request pertaining 1osed. Please mail or fax our office any information regarding this site.

If you have any further questions, please do not hesitate to contact the undersigned.

Yours Truly,

A handwritten signature in blue ink that reads 'M. Coyle'.

B.Sc.

m.coyle@mcintoshperry.com

CP-16-0545 - Phase I - MOE Freedom of Information Request .doc

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

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

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc.: (416) 314-4285



November 17, 2016

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: **Freedom of Information and Protection of Privacy Act Request**
Our File # A-2016-06895, Your Reference CP-16-0545

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 315 Chapel St, Ottawa.

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

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

If you have any questions regarding this matter, please contact Richard Beernaert at richard.beernaert@ontario.ca.

Yours truly,

Tracey Goodwin
FOI Manager (A)



18/Nov/16

Ministry of the Environment and Energy
Freedom of Information Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2

Re: Request for Information
Civic Address: 317 Chapel Street, Ottawa, ON
Legal Description: Plan 37220 Lot 9 to 12, Laurier Ave. Pt Lots 3 and 4, W Blackburn Ave.,
PIN 04080021

Dear Sir/Madam,

Please find enclosed a freedom of information request pertaining enclosed. Please mail or fax our office any information regarding this site.

If you have any further questions, please do not hesitate to contact the undersigned.

Yours Truly,

A handwritten signature in blue ink that reads 'M. Coyle'.

B.Sc.

m.coyle@mcintoshperry.com

CP-16-0545 - Phase I - MOE Freedom of Information Request .doc

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

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

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télec.: (416) 314-4285



November 21, 2016

Meghan Coyle
McIntosh Perry Consulting Engineers
115 Walgreen Road, RR 3
Carp, ON K0A 1L0

Dear Meghan Coyle:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2016-07194, Your Reference CP-16-0545

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee), along with your \$30.00 deposit.

The search is being conducted on the following: 317 Chapel St, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,

A handwritten signature in blue ink, appearing to read "Tracey Goodwin".

Tracey Goodwin
FOI Manager (A)



OCCURENCE REPORT

Location of Occurrence: OTTAWA CITY ALL SAINTS CHURCH 317 CHAPEL ST.

Source: CHURCH

Sector: SI Source: OT SIC: 9810

Reg: 4 Dist: OT Municipality: 20101

UTM: N: [] E: [] Zone: []

Entered: 1991/03/20 10:35 ORIS No. 9140000344

Abstracts: Diaries:

Received By: JOHN SKRYPEK

Batch: 0 I. E. B. No.

Occurrence Type: S Subtype: L

Occurrence Date: 1991/03/20

Work Plan:

Occurrence Time:

Reported By: PAUL KEHOE MOE OTTAWA DISTRICT

Report to MOE : 1991/03/20 10:00

MOE at Scene: 91/03/27

Telephone No. 613-521-3450 x Alternate No. - - x

Assigned To: D. FUMERTON

Address: 2378 HOLLY LANE OTTAWA Postal Code: K1V 7P1

ERP Contacted: Callout: [] ERP Name: NSP: [N]

Syn: ALL SAINTS CHURCH - STOVEOIL TO GROUND FROM LEAKY PUMP SEAL ON BOILER

Brief Summary:

PAUL KEHOE FROM MOE OTTAWA REPORTS RECEIVING A CALL OF A STOVE OIL SPILL AT ALL SAINTS CHURCH, 317 CHAPEL ST. OTTAWA. 613-234-1686. THE OIL LEAKED FROM A PUMP SEAL ON THE BOILER INTO A SUMP WHERE IT WAS PUMPED ONTO THE GROUND. FIRST FUELS IS DOING THE CLEANUP OF THE SITE. RUSS CAMPBELL 613-727-5200. 91/04/04 UPDATE JS - 91/03/28 MR. BRIGGS THE CARETAKER CALLED TO SAY THE THE SPILL WAS ONLY .5 L AND IT WAS PUMPED TO THE SANITARY SEWER

If there are related reports, record initial/master ORIS No. here >> 9102567

Followup Action: Abatement IEB Other BF Date:

File Closed: Y Abatement: IEB Other Suspected Violation:

Report Prepared By: D. FUMERTON Date: 91/03/28 IEB Investigator: IEB BF Date

Approving Officer: R. CLARKE Date: 91/03/28 Reviewing Officer: Date

Specify number(s) for routing Original [] [] [] [] [] [] Continued [] Yes Specify number(s) for copy distribution [] [] [] [] [] []

1. Investigator/E.O. 2. D. O. /File 3. SAC (initial spills) 4. Reg. Dir. / Mgr. 5. IEB Reg. Spv 6. IEB H.O./file 7. Other

SAC Action Class: 1:25 2:

Material 1: KEROSENE (STOVE OIL) Amount : .5 L Material 2: Amount :

Code : 12 UN No.: 1223 Code : UN No.:

Material 3:
Amount :
Cause :
Reason :
Person in Control: ALL SAINTS CHURCH
Owner : ALL SAINTS CHURCH
Agencies Involved : FIRST FUELS

Code :
UN No.:
Code . . : 11
Code . . : 16
Waste GenNum :
Waste GenNum :

Clean up and Restoration Carried out by:
 Controller Owner Other Y FIRST FUELS
 N N

% Cleaned up: 0 Estimated Cost:
Were Directions or Approval Given Under
EPA Part X Regulation 362 Manifest No.

Waste Class : Code . . : 000
Hauler : Code . . :
Disposal Site : Code . . :

Environmental Impact: Nature of Impact:
N Water course or lake Code . . : 06

People/Business Damaged
(Other than to Owner/Controller) :
Nature of Damage: Code . . :

DWS Relationship

Relationship Type:	Primary DWS	DWS #	DWS Address	DWS End Date	DWS Name	DWS Owner	Effective Date	Expiry Date	Expiry Reason
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		
SHARING SAMPLES - 2		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		
SHARING SAMPLES - 2		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013	3/20/2014	One of more facilities in this relationship were end-dated in DWIS.
SHARING SAMPLES - 2		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013	3/20/2014	One or more facilities in this relationship were end-dated in DWIS.
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013	3/20/2014	One of more facilities in this relationship were end-dated in DWIS.
SHARING SAMPLES - 2		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013	3/20/2014	One or more facilities in this relationship were end-dated in DWIS.
CO-LOCATED FACILITIES - 1		500257934	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 GARDEN GATE PROGRAM	GARDEN GATE PROGRAM	8/1/2013		



Ministry of the Environment and Climate Change

R243 GARDEN GATE PROGRAM

Inspection Report

Site Number:	500257934
Inspection Number:	1-BMQVV
Date of Inspection:	Sep 05, 2014
Inspected By:	MOE TORONTO DISTRICT

OWNER INFORMATION:

Company Name:	GARDEN GATE PROGRAM	Unit Identifier:	
Street Number:	317		
Street Name:	CHAPEL St		
City:	OTTAWA		
Province:	ON	Postal Code:	K1N 7Z2

CONTACT INFORMATION**INSPECTION DETAILS:**

Site Name:	R243 GARDEN GATE PROGRAM
Site Address:	317 CHAPEL ST OTTAWA K1N 7Z2
County/District:	Ottawa
MOECC District/Area Office:	Ottawa District
Health Unit:	CITY OF OTTAWA HEALTH DEPARTMENT
Conservation Authority:	
MNR Office:	
Site Number:	500257934
Inspection Type:	Other
Inspection Number:	1-BMQVV
Date of Inspection:	Sep 05, 2014
Date of Previous Inspection:	

COMPONENTS DESCRIPTION

INSPECTION SUMMARY:

Introduction

- The primary focus of this report is to check the declared responses of the submitted Notice of Reduced Lead sampling forms against the requirements of Subsection 5(2.1) of O. Reg 243/07.

This Regulation was created to provide a safeguard against the potential consumption of elevated levels of lead in drinking water at schools, private schools and day nurseries in Ontario.

The facility has sampled in 2011 and 2013. No samples were done during the 2012 sampling period. The comment below from the inspection report mentions that the facility was co-located in 2012 and hence so sampling was done. Ministry records confirm the collection of samples in 2011 and 2013. It was confirmed by Yasmeen that in 2012 the school was co-located with Bettye Hyde Co-op Nursery School, the DWS#500120979. However, in 2013 it was not co-located and returned to the original DWS#500257934 for test results. The results of the 2012 sampling was 0.76 ug/L "standing", and 0.49ug/L for the "flushed" sample. All samples collected were within the timeframe of May 1st to October 31st.

Jim Mahoney (Kingston DO) confirmed on September 9, 2014 that the facility can be qualified for reduced Lead sampling.

- The NRLS form was complete as received.
- The analysis of ministry data shows that samples have been taken and tested for lead for at least 24 consecutive months.
- The analysis of ministry data confirms that none of the test results from the most recent 24 months have exceeded the ODWQS for lead (10 ug/L).
- The ministry assessment confirms that every tap in the facility that is used in the preparation of food or drink for consumption by children under 18 years of age has been sampled at least once.
- The ministry assessment confirms that at least one tap from every washroom or change room where children under 18 years of age are allowed to fill drinking water bottles or containers has been sampled at least once.

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

Not Applicable

SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

Not Applicable

SIGNATURES

Inspected By:

MOE TORONTO DISTRICT

Signature: (Provincial Officer)

Reviewed & Approved By:

Gayathry Krishnakumar

Signature: (Supervisor)

Review & Approval Date: 10/09/2014

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

INCIDENT REPORT**DW System****Name:** R243 GARDEN GATE PROGRAM**Address:** 317 CHAPEL ST,
OTTAWA, K1N 7Z2,
Canada**District Office:** Kingston District**DWS #:** 500257934**DWS Category:** Designated Facility**DWS Owner****Name:** GARDEN GATE PROGRAM**Mailing Address:** 317 CHAPEL St OTTAWA ON
Canada K1N 7Z2**Physical Address:** 317 CHAPEL St OTTAWA ON
Canada K1N 7Z2**Phone:** (613) 794-8074**Fax:****Email:****Client Type:** COMMERCIAL**MOE Information****Incident Report #:** 1-BLVXI**Master Incident Report #:****AWQI #:****Master AWQI #:****Date & Time Reported to MOE:** August 08, 2014 01:48:38 PM**Office Receiving Incident Report:** KINGSTON DISTRICT**Incident Info Received By:** James Mahoney**Incident Type:** Inspection Non-Compliance**Referring Inspection Report #:** 1-BHG71**Incident Summary:** 2014-2015 Inspection Non-Compliance**MOE Response:** No Field Response**Date & Time MOE Arrival:****Was an ERP called out?** N**IDS Reference #:**

Incident Description

Incident Date	Incident Description	Created By
August 19, 2014 01:49:58 PM	On August 8, 2014, ministry Summer Employment Opportunities student Laura Yateaman undertook a telephone-based audit of Garden Gate Program's compliance with O. Reg. 243/07. Audit findings were relayed to operator/lead teacher Yasmeen Osman for resolution of non-compliance.	MAHONEJA
September 22, 2014 04:04:23 PM	<p>On September 10, 2014 MOECC employee Gayathry Krishnakumar confirmed receipt and processing of a Notice of Reduced Lead Sampling submission from Garden Gate Program. SDWB Supervisor James Mahoney, on September 9, 2014 had confirmed that the Notice should be processed even though there was a break in annual sampling in 2012 (a co-located facility collected the annual sample that year). Sample results have been consistently below the ODWQS for lead of 10 ug/L.</p> <p>The drinking water system's follow-through on the submission of the Notice of Reduced Lead Sampling form has demonstrated a commitment to address non-compliance cited during the course of the 2014-2015 telephone-based compliance audit.</p>	MAHONEJA

Offences

Suspected Violations(s)/Offences(s)

Provision/Provision Wording: O.Reg. 243/07 3(2)&(2.1)

3 (2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

(2.1) The flushing requirement in subsection (2) does not apply in respect of plumbing that serves one of the following:

1. A part of a building that is not open during the entire week in question.
2. A part of a building that is used for student accommodation and that is not used communally.
3. A tap or drinking water fountain, if the tap or fountain is primarily intended for use by the general public.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: September 09, 2014

Summary of Details:

Flushing is not always completed before children enter the building for 8:30 am. The latest flushing documented begins and ends at 8:35am-8:49am. Please ensure in the future that flushing is conducted before children enter the building.

Actions/Recommendations:

Offences

Suspected Violations(s)/Offences(s)

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that: Garden Gate Program will ensure in the future that flushing is conducted before children enter the building.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

Provision/Provision Wording: O.Reg. 243/07 3(4)&(5)

3(4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing.

(5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

(a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,

(i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or

(ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification.

Compliance Action: Voluntary Abatement

Date Compliance Achieved: September 09, 2014

Summary of Details:

The programs flushing logs record the date, start time, end time, and last name of the person who flushed. In the future, please ensure to put a first and last name on the flushing logs.

Actions/Recommendations:

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that: Garden Gate Program will ensure that the first and last name of the person conducting the flushing is recorded on the flushing log.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

Provision/Provision Wording: O.Reg. 243/07 5(2)

Compliance Action: Voluntary Abatement

Date Compliance Achieved: September 09, 2014

Summary of Details:

In the future, please ensure that samples are collected before children have access to the facility.

Actions/Recommendations:

Offences

Suspected Violations(s)/Offences(s)

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that: Garden Gate Program will ensure that samples are collected before children have access to the facility.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

Caller/PO Information

Contact Name:

Company:

Telephone #:

Fax Number:

Email Address:

Mailing Address:

Provincial Officer

Name: Cindy Cowin

Badge #: 1213

Work Unit: Drinking Water Inspections Unit

District/Area Office: Kingston District

Date: September 22, 2014

Signature:

Supervisor

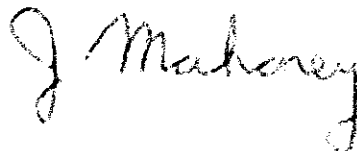
Name: James Mahoney

Work Unit: Drinking Water Inspections Unit

District/Area Office: Kingston District

Date: September 22, 2014

Signature:



Mahoney, James (ENE)

From: Krishnakumar, Gayathry (ENE)
Sent: September-10-14 8:15 AM
To: Mahoney, James (ENE)
Subject: RE: R243 GARDEN GATE PROGRAM_500257934

Thank you Jim. I will promiss the NRL and send the letter today,

Gayathry

From: Mahoney, James (ENE)
Sent: September-09-14 1:32 PM
To: Krishnakumar, Gayathry (ENE)
Cc: Hetherington, Stephen (ENE); Wilkinson, Geoff (ENE)
Subject: RE: R243 GARDEN GATE PROGRAM_500257934

Gayathry,

It would be my recommendation that the facility be interpreted as meeting the eligibility criteria for a reduction in the frequency of lead sampling.

Jim Mahoney

From: Krishnakumar, Gayathry (ENE)
Sent: September-09-14 9:46 AM
To: Mahoney, James (ENE)
Cc: Hetherington, Stephen (ENE); Wilkinson, Geoff (ENE)
Subject: R243 GARDEN GATE PROGRAM_500257934

Hello Jim,

I have received a Notice of Reduced Lead sampling for R243 GARDEN GATE PROGRAM_500257934. There was an inspection done for this facility in August of 2014.

The facility has sampled in 2011 and 2013. No samples were done during the 2012 sampling period. The comment below from the inspection report mentions that the facility was co-located in 2012 and hence so sampling was done. Can you please let me know whether the facility should be qualified or we should ask them to sample during the 2014 sampling period and then resubmit the NRL.

Ministry records confirm the collection of samples in 2011 and 2013. It was confirmed by Yasmeer that in 2012 the school was co-located with Bettye Hyde Co-op Nursery School, the DWS #500120979. However, in 2013 it was not co-located and returned to the original DWS# 500257934 for test results. The results of the 2012 sampling was 0.76 ug/L "standing", and 0.49 ug/L for the "flushed" sample. All samples collected were within the timeframe of May 1st to October 31st. In the future should Garden Gate Program go back to being a co-located facility, please ensure to notify the ministry by submitting an Laboratory Services Notification form found a Appendix "B".

Thank you,

Gayathry Krishnakumar

Drinking Water Assessment Specialist
Ministry of the Environment and Climate Change
Drinking Water Programs Branch
40 St. Clair Avenue West, 2nd Floor
Toronto, Ontario
M4V 1L5
Ph. No. (416) 314 8312
Fax No. (416) 314 8716
E-mail: gayathry.krishnakumar@ontario.ca

Mahoney, James (ENE)

From: Krishnakumar, Gayathry (ENE)
Sent: September-09-14 9:46 AM
To: Mahoney, James (ENE)
Cc: Hetherington, Stephen (ENE); Wilkinson, Geoff (ENE)
Subject: R243 GARDEN GATE PROGRAM_500257934

Hello Jim,

I have received a Notice of Reduced Lead sampling for R243 GARDEN GATE PROGRAM_500257934. There was an inspection done for this facility in August of 2014.

The facility has sampled in 2011 and 2013. No samples were done during the 2012 sampling period. The comment below from the inspection report mentions that the facility was co-located in 2012 and hence so sampling was done. Can you please let me know whether the facility should be qualified or we should ask them to sample during the 2014 sampling period and then resubmit the NRL.

Ministry records confirm the collection of samples in 2011 and 2013. It was confirmed by Yasmeer that in 2012 the school was co-located with Bettye Hyde Co-op Nursery School, the DWS #500120979. However, in 2013 it was not co-located and returned to the original DWS# 500257934 for test results. The results of the 2012 sampling was 0.76 ug/L "standing", and 0.49 ug/L for the "flushed" sample. All samples collected were within the timeframe of May 1st to October 31st. In the future should Garden Gate Program go back to being a co-located facility, please ensure to notify the ministry by submitting an Laboratory Services Notification form found a Appendix "B".

Thank you,

Gayathry Krishnakumar

Drinking Water Assessment Specialist
Ministry of the Environment and Climate Change
Drinking Water Programs Branch
40 St. Clair Avenue West, 2nd Floor
Toronto, Ontario
M4V 1L5
Ph. No. (416) 314 8312
Fax No. (416) 314 8716
E-mail: gayathry.krishnakumar@ontario.ca

August 25, 2014

Dear Ms. Yateman,

Re: Garden Gate Program

DWIS # 500257934

This letter is a follow-up response to the Lead Program Audit findings from the evaluation performed on Friday August 8, 2014. The audit report indicated that some changes need to be put in place. I am advising the Ministry of Environment of the following changes:

- (1) That in the future, flushing will be done before children enter the building;
- (2) That a first and last name be put on the flushing logs;
- (3) That samples will be collected before children have access to the facility. As well, that the second sample will be collected after plumbing has been flushed for 5 minutes, then left unused for at least 30 minutes, but no more than 35 minutes.

Please let me know if you need further information from me.

Sincerely,

Yasmeen Osman

Operator,

Garden Gate Program

Garden Gate
SI-OT-OT-CH-540

Yateman, Laura (ENE)

From: Yasmeen Osman <gardengateprogram@gmail.com>
Sent: August-24-14 3:01 PM
To: Yateman, Laura (ENE)
Subject: Re: Official Compliance Report For: Garden Gate Program
Attachments: Ministry of Environment Lead Audit changes.docx

Hello Laura,

I have attached the response for the changes required from the audit findings. I will be faxing the LSN form to you this week, and the Notice of reduced sampling. Thank you so much for everything.

Regards,
Yasmeen

On Fri, Aug 8, 2014 at 3:28 PM, Yateman, Laura (ENE) <Laura.Yateman@ontario.ca> wrote:

My apologies. I forgot to attach the appendices. Please find the official report attached above.

Kind regards,

Laura Yateman

From: Yateman, Laura (ENE)
Sent: August-08-14 3:25 PM
To: gardengateprogram@gmail.com
Subject: Compliance Report For: Garden Gate Program

Please find attached an electronic copy of the report documenting findings of an evaluation of Garden Gate Program drinking water system conducted on Friday August 8, 2014.

The Ministry of the Environment continues to circulate its evaluations in an electronic format as opposed to traditional hard-copy mail outs. This step has been taken to minimize environmental impact associated with the documentation of our evaluations. In addition, many clients have indicated a preference for receiving electronic copies of our assessments since they provide greater flexibility in records storage and information sharing.

Where "required actions" are cited on page 5 of attached document please ensure that a response is provided to the Ministry of the Environment by the due date associated with the required action. All such responses should be directed either by email or in writing to: laura.yateman@ontario.ca.

I wish to acknowledge the professionalism afforded to me during the conduct of my evaluation. Please respond to this e-mail to confirm your receipt of the enclosed assessment. Should you have any questions please do not hesitate to call me or my supervisor Mr. Mahoney at 613 548 6702 or email: james.mahoney@ontario.ca.

Sincerely,

Laura Yateman

Environmental Assistant

Ministry of the Environment & Climate Change

Safe Drinking Water Branch

1259 Gardiners Road, Unit 3

Kingston, ON K7M 8S5

Phone: 613 540 6879

Fax: 613 540 6876

E mail: laura.yateman@ontario.ca

INCIDENT REPORT 1-BLVXI

SI-OT-OT-CH-540 (2014)

317 CHAPEL ST, OTTAWA



Ministry of the Environment

R243 GARDEN GATE PROGRAM

Drinking Water Inspection Report

DW Facility Number:	500257934
Inspection Number:	1-BHG71
Date of Inspection:	Aug 08, 2014
Inspected By:	MOE KINGSTON DISTRICT

OWNER INFORMATION:

Company Name: GARDEN GATE PROGRAM
Street Number: 317 Unit Identifier:
Street Name: CHAPEL St
City: OTTAWA
Province: ON Postal Code: K1N 7Z2

INSPECTION DETAILS:

DW Name: R243 GARDEN GATE PROGRAM
DW Address: 317 CHAPEL ST
County/District: Ottawa
District/Area Office: Ottawa District
DW Facility Number: 500257934
Inspection Type: Announced
Inspection Number: 1-BHG71
Date of Inspection: Aug 08, 2014
Date of Previous Inspection:

CONFIDENTIAL - NOT FOR DISSEMINATION

INSPECTION SUMMARY

INTRODUCTION

- * The primary focus of this report is to assess compliance with the flushing, sampling and record keeping requirements of Ontario Regulation 243/07. This Regulation was created to provide a safeguard against the potential consumption of elevated levels of lead in drinking water at schools, private schools and day nurseries in Ontario. This facility is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein. This inspection has been conducted pursuant to Section 81 of the SDWA.

The purpose of Ontario Regulation (O.Reg.) 243/07 is to ensure that regular flushing of the plumbing, and the collection of samples are reducing children's exposure to lead in drinking water. Flushing has been demonstrated to reduce lead levels in water at taps or fountains. Regular testing measures the potential presence of lead in drinking water, against the Ontario Drinking Water Quality Standard of 10 ug/L; equivalent to 0.010 mg/L.

DISTRIBUTION SYSTEM

- * When necessary, the operator notified the Ministry of changes that were made to the facility's profile and/or laboratory information provided in the Laboratory Services Notification Form (LSN) form.

On Friday August 8, 2014 at 12:00pm, a telephone-based interview was conducted with Yasmeen Osman, the Sole Operator/Lead teacher. Currently, the email address is not up to date. Yasmeen has been informed to update the LSN form.

- * This facility is not co-located with any other school, private school, or day nursery on the property.
- * This facility is eligible to flush the plumbing on a weekly basis.

The construction of the building was reportedly sometime in the 1930's. Garden Gate Program has sampled annually for two years, during which test results have been well below 10 ug/L. This facility currently flushes daily, and is able to switch to a weekly flush. The flushing logs Yasmeen sent to the Ministry confirm the school continues to flush daily.

- * The operator has not ensured that plumbing is flushed at the start of each week at the required time.

Yasmeen Osman indicates that it is herself that conducts the flushing as well as the sampling. Flushing logs amassed April, May, and June of 2014 indicate a ten minute flush only in the kitchen. Flushing is not always completed before children enter the building for 8:30 am. The latest flushing documented begins and ends at 8:35am-8:49am. Please ensure in the future that flushing is conducted before children enter the building.

- * The procedure for flushing has been done in accordance with the requirements of section 3(3) of O. Reg. 243/07.

The Operator Yasmeen Osman indicated that there is only one tap which is located in the kitchen. As noted above, while all cold water taps are currently being flushed for 10 minutes, it is only necessary that one cold water tap accessible to children per branch of plumbing be flushed for 5 minutes, with all remaining taps accessible to children being flushed for 10 seconds.

- * Records of manual or automatic flushing have not been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.

The programs flushing logs record the date, start time, end time, and last name of the person who flushed. In the future, please ensure to put a first and last name on the flushing logs.

CONSUMER RELATIONS

CONSUMER RELATIONS

- * **The operator of the facility ensured that the required information is available to the public during normal business hours, including records of flushing, sampling, exceedances, every Director's direction, and a copy of O. Reg. 243/07.**

To date, none of the "standing" or "flushed" samples collected from the school, and analyzed at Caduceon Environmental Laboratories have exceeded the Ontario Drinking Water Quality Standard of 10ug/L. The highest lead concentration on record for Garden Gate Program is 0.50 ug/L in a standing sample. Please ensure that records of flushing, sampling, records citing exceedances, and a copy of O.Reg. 243/07 are made available to the public during normal business hours.

WATER QUALITY MONITORING

- * **The frequency of lead sampling and testing was completed in accordance with O. Reg. 243/07 5(2), 5(2.1) or 5.1.**

Ministry records confirm the collection of samples in 2011 and 2013. It was confirmed by Yasmeeen that in 2012 the school was co-located with Bettye Hyde Co-op Nursery School, the DWS# #500120979. However, in 2013 it was not co-located and returned to the original DWS# 500257934 for test results. The results of the 2012 sampling was 0.76 ug/L "standing", and 0.49 ug/L for the "flushed" sample. All samples collected were within the timeframe of May 1st to October 31st. In the future should Garden Gate Program go back to being a co-located facility, please ensure to notify the ministry by submitting an Laboratory Services Notification form found as Appendix "B".

- * **The lead sampling and testing was not performed in accordance with the procedure outlined in section 5(2) of O. Reg. 243/07.**

Caduceon Environmental Laboratories (Holly Lane, Ottawa) supplies the nursery school with detailed sample collection instructions. A review of the ministry database indicates that "standing" samples were collected at 8:25 am, 7:25 am, and 9:14 am with "flushed" samples being collected 39 minutes, 40 minutes, and 36 minutes thereafter. In the future, please ensure that samples are collected before children have access to the facility.

- * **Sampling records have been made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

Records have been made of the date, time, standing period estimate, location, and the name of the person who took each sample. The school retains copies of both the Sample Submission/ Chain of Custody form and the Certificate of the Analysis.

- * **The operator of the facility ensured that the required documents are maintained, or will be maintained for at least six (6) years, including records of flushing, sampling and exceedances and notice of every Director's directions.**

Please ensure that the above-cited records are maintained for at least six years. To date, there have been no exceedances of the Ontario Drinking Water Quality Standard of 10 ug/L.

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

1. The operator has not ensured that plumbing is flushed at the start of each week at the required time.

Flushing is not always completed before children enter the building for 8:30 am. The latest flushing documented begins and ends at 8:35am-8:49am. Please ensure in the future that flushing is conducted before children enter the building.

Action(s) Required:

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that Garden Gate Program will ensure in the future that flushing is conducted before children enter the building.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

2. Records of manual or automatic flushing have not been maintained in accordance with sections 3(4) or 3(5) of O. Reg. 243/07.

The programs flushing logs record the date, start time, end time, and last name of the person who flushed. In the future, please ensure to put a first and last name on the flushing logs.

Action(s) Required:

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that Garden Gate Program will ensure that the first and last name of the person conducting the flushing is recorded on the flushing log.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

3. The lead sampling and testing was not performed in accordance with the procedure outlined in section 5(2) of O. Reg. 243/07.

In the future, please ensure that samples are collected before children have access to the facility.

Action(s) Required:

By no later than September 8, 2014, confirm in writing to the undersigned evaluator that Garden Gate Program will ensure that samples are collected before children have access to the facility.

The required confirmation may be submitted to Laura Yateman either by email addressed to laura.yateman@ontario.ca or by fax sent to (613) 540-6876.

SUMMARY OF BEST PRACTICE ISSUES AND RECOMMENDATIONS

This section provides a summary of all best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. **Best Management Practices** are recommendations and not mandatory requirements, but may lead to safe drinking water for the consumer.

In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following practices and consider measures to implement them so that all drinking water systems continuously improve their processes.

Not Applicable

SIGNATURES

Inspected By:

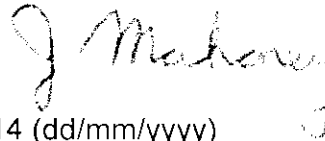
MOE KINGSTON
DISTRICT

Signature: (Provincial Officer):

Reviewed & Approved By:

James Mahoney

Signature: (Supervisor):



Review & Approval Date: 08/08/2014 (dd/mm/yyyy)

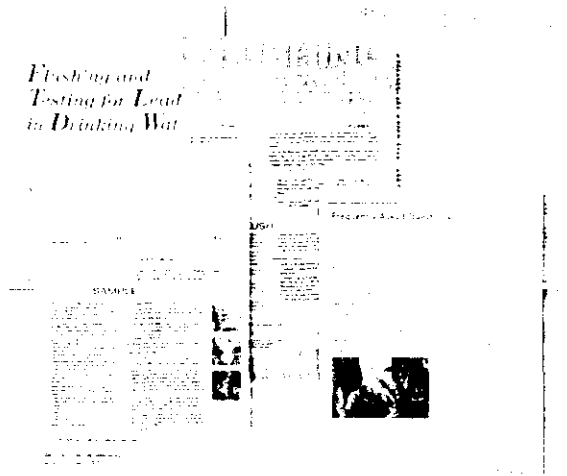
Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

APPENDIX "A" STAKEHOLDER SUPPORT

Many useful materials are posted on the Ministry of the Environment's website at www.moe.gov.on.ca to help you meet your responsibilities related to lead and drinking water.

Below is a list of key materials frequently used by operators of schools, private schools and day nurseries. To read or download these materials, go to www.moe.gov.on.ca and search in the **Resources** section by **Publication Number** or **Key Word**.

Visit www.moe.gov.on.ca for more useful materials. Contact the Public Information Centre if you need assistance or have questions at 1-800-565-4923/416-325-4000 or public.information@ontario.ca



6530b01	Flushing and Testing for Lead in Drinking Water (March 2010)
6338b02	Flushing Your Plumbing: At-A-Glance guide for schools, private schools and day nurseries (March 2010)
6339b01	Sampling for Lead: At-A-Glance guide for schools, private schools and day nurseries (March 2010)
7101e	A Manual for Operators of Schools, Private Schools and Day Nurseries with Excess Lead in their Drinking Water (August 2009)
8211e	Frequently Asked Questions: Lead Testing Program O. Reg. 243/07
7350e	Notice of Reduced Lead Sampling Form (February 2011)
6272b	Notice of Lead Exceedance Test Results Form – Schools, Private Schools and Day Nurseries (February 2010)
6271e01	Registration and Laboratory Services Notification Form
	Laboratories Licensed To Test For Lead
	Flushing Record Template (December 2009)
	Sampling Record Template (December 2009)
	Video – Flushing Plumbing in Schools, Private Schools and Day Nurseries (February 2010)
	Video – Sampling for Lead in Schools, Private Schools and Day Nurseries (February 2010)

ontario.ca/drinkingwater

Beaucoup de documentation qui peut vous aider à assumer vos responsabilités concernant la vérification de la teneur en plomb et l'eau potable se trouve sur le site Web d' www.ontario.ca/eaupotable du ministère de l'Environnement.

Vous trouverez ci-dessous une liste de documents clés que les exploitants d'écoles, d'écoles privées et de garderies utilisent fréquemment. Pour lire ou télécharger ces documents, allez sur le site Web d' www.ontario.ca/eaupotable, et effectuez une recherche par numéro de publication ou par mot clé dans la section RESSOURCES.

Consultez le site d' www.ontario.ca/eaupotable pour obtenir d'autre documentation. Communiquez avec le Centre d'information du public au

1 800 565-4923 ou au 416 325 4000, ou encore à 18005654923@ontario.ca si vous avez des questions ou besoin d'aide.

Vidange et analyses afin de mesurer la concentration de plomb dans

Manuel destiné aux responsables des écoles publiques, des écoles privées et des garderies d'enfants dont l'eau potable présente une teneur trop élevée en plomb



6530b01	Vidange et analyses afin de mesurer la concentration de plomb dans l'eau potable (mars 2010)
6338b02	Comment vidanger votre installation de plomberie (mars 2010)
6339b01	Comment prélever des échantillons d'eau pour mesurer la concentration de plomb (mars 2010)
7101f	Manuel destiné aux responsables des écoles publiques, des écoles privées et des garderies d'enfants dont l'eau potable présente une teneur trop élevée en plomb (août 2009)
8211f	Foire aux questions : Programme d'analyse de la teneur en plomb de l'eau dans les collectivités (Règlement de l'Ontario 243/07)
7350f	Avis de réduction de la fréquence des prélèvements (février 2011)
6272b	Avis de dépassement de la teneur normale en plomb - Écoles, écoles privées et garderies (Règl. de l'Ont. 243/07) (février 2010)
6271f01	Registration and Laboratory Services Notification (en anglais seulement)
	Laboratoires autorisés à effectuer des analyses de teneur en plomb
	Modèle de feuille de registre de vidange (décembre 2009)
	Modèle de feuille de registre de prélèvement (décembre 2009)
	Vidéo : Comment vidanger la plomberie dans les écoles, les écoles privées et les garderies (février 2010)
	Vidéo : Comment prélever des échantillons d'eau pour mesurer la concentration de plomb de l'eau potable dans les écoles, les écoles privées et les garderies (février 2010)

[ontario.ca/eaupotable](http://www.ontario.ca/eaupotable)

APPENDIX "B"
REGISTRATION AND LABORATORY SERVICES
NOTIFICATION FORM



Registration and Laboratory Services Notification

Schools, Private Schools and Day Nurseries (O. Reg. 243/07)

Instructions for ALL FACILITIES

School/Private School/Day Nursery Operators must complete and submit this form to the Ministry prior to submitting drinking water samples to your contracted licensed laboratory for testing. This form must be re-submitted within 10 days of any change to the information provided on the form as per subsection 5(6) of O. Reg. 243/07.

Please complete this form and fax/email directly to:
Ministry of the Environment
Drinking Water Programs Branch
Fax: 416 314-8716
Email: reg170_formsubmission.moe@ontario.ca

If you require assistance in completing the form, please call 1 866 793-2588 (toll free).
The most current version of this form is posted on the Ministry of the Environment's Drinking Water Ontario website at www.ontario.ca/drinkingwater

Form Submission Information (please check all that apply)

- Checkboxes for: This is my first submission, I wish to update my facility information, I wish to notify the Ministry that I am changing licensed laboratories for my drinking water testing, I wish to notify the Ministry that I am adding another laboratory for my drinking water testing

Section 1: Schools, Private Schools and Day Nurseries Information

Name of School/Day Nursery

Type

- Checkboxes for School, Private School, Day Nursery
SFIS No. (if known), License No.

Interested Authority

- Checkboxes for Ministry of Education, Ministry of Children and Youth Services, Other

Drinking Water Information System (DWIS) No. (MOE Number if previously applied for)

Location of School/Day Nursery

Form with fields: Unit No., Street No., Street Name, PO Box, Rural Route, Lot/Part/Block/Section, Concession/Plan, City/Town/Municipality, Province, Postal Code

Contact Information

Form with fields: Last Name, First Name, Position, Telephone No. (including area code), Ext, Fax No. (including area code), Email Address

Additional Information (Use this space if you wish to add any additional information)

Section 2: School/Day Nursery Operator Information (if different than Section 1)

Legal Name of School/Day Nursery Operator (i.e. school board/private school or individual/corporation who holds the licence for the day nursery)

Operator Contact Name

Unit No.	Street No.	Street Name	PO Box
Rural Route	Lot/Part/Block/Section		Concession/Plan
City/Town/Municipality		Province	Postal Code
Business Telephone No (including area code)		Ext.	Fax No (including area code)
Email Address			

Section 3: Co-location Information (if applicable)

“Co-located Facilities”:

Facilities are “co-located” if more than one school, private school, or day nursery is served by the same plumbing. The facilities may be either located in one building (structure) or located in different buildings within one property.

My School/ Private School/ Day Nursery is co-located with another O. Reg. 243/07 facility, as listed below.

Facility Name	Facility DWIS #	Check below if applicable
		<input type="checkbox"/> Yes, we are sharing lead sample results
Facility Name (if more than one)	Facility DWIS #	<input type="checkbox"/> Yes, we are sharing lead sample results
Facility Name (if more than two)	Facility DWIS #	<input type="checkbox"/> Yes, we are sharing lead sample results

If more facilities are co-located with your School /Day Nursery, please fill out as many Section 3 of the form as needed and attach additional sheets.

Section 4: Identification of Licensed Laboratory and Lead Testing

Subsection 5 (5) of O. Reg. 243/07 requires the identification of any contracted licensed laboratory(s) hired to perform lead testing.

The listing of licensed laboratories can be found on: <http://www.ontario.ca/drinkingwater/271381.pdf>

Please check one of the following:

- The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be using the laboratory identified below for lead testing
- The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be sharing samples with the co-located facility/facilities as indicated in section 3 of this form and will be using the laboratory identified below for lead testing
- The facility (identified in section 1) does not perform its own sampling because it is sharing sample results with the co-located facility indicated in section 3 of this form.

Failure to notify the parties in accordance with the Regulation and/or submission of false information constitutes an offence.

Name/Contact Information of Licensed Laboratory Performing Lead Testing

(Your licensed laboratory can assist with completing this section of the form)

Laboratory Name			Licence Number	
Unit No.	Street No.	Street Name		PO Box
City/Town/Municipality			Province	Postal Code

Please specify additional testing identified in MOE (Certificate of Approval, Order or Direction)

I declare that the information provided on this form is accurate.

Prepared by		
Last Name	First Name	Middle Initial
Signature	Date (yyyy/mm/dd)	Telephone No. (including area code)

Collection of information on this form by staff of the Drinking Water Management Division on behalf of the Ministry of the Environment is in accordance with the *Safe Drinking Water Act, 2002* (SDWA) and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act* (FOIPPA). The information gathered herein will be used for the purpose of registration and compliance and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees and the Ministry of Health and Long Term Care pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety. For questions and concerns, please contact the Ministry of the Environment at 1 866 793-2588.

APPENDIX "C"
NOTICE OF REDUCED LEAD SAMPLING

Notice of Reduced Lead Sampling

Schools, Private Schools and Day Nurseries
(O. Reg. 243/07 under Section 5 (2.1))

Instructions

Please complete this form and fax/email directly to:

Ministry of the Environment
Drinking Water Programs Branch

Fax: 416 314-8716

Email: Reg170_formsubmission.moe@ontario.ca

This form can also be found at:
www.ontario.ca/drinkingwater

Use this form to notify the ministry of reduced lead sampling under Section 5 (2.1) of O.Reg. 243/07.

If you require assistance in completing the form, please call 1 866 793-2588 (toll free).

Once this form is submitted, the ministry will only contact you about this notice if there are any questions or concerns with the information provided below.

Part A: Form Submission Information as per O.Reg. 243/07 under Section 5 (2.1) (please check)

This is my submission for O.Reg. 243/07 Notice of Reduced Lead Sampling to the Ministry. I confirm that for the facility listed below:

- a) Samples have been taken and tested for lead in accordance with the regulation and for at least 24 consecutive months;
- b) None of the test results from the most recent 24 consecutive months have exceeded the Ontario Drinking Water Quality Standard for lead of 0.010 mg/L;
- c) Every tap in the school, private school or day nursery that is used in the preparation of food or drink for consumption by children under 18 years of age has been sampled at least once;
- d) At least one tap from every washroom or change room where children under 18 years of age are allowed to fill drinking water bottles or containers has been sampled at least once.

Part B: Schools, Private Schools and Day Nurseries Information

Drinking Water Information System (DWIS) No.
Ministry assigned 9 digits number starting with "5".

Drinking Water System (DWS) No. – if applicable
Ministry assigned 9 digits number starting with "2". (Only for facility with its own source of drinking water.)

Name of School/Private School/Day Nursery

Name of Interested Authority (e.g., Ministry of Education or Ministry of Children and Youth Services)

Ministry of Education SFIS No.

Children and Youth Services Identification No.

Location of School/Private School/Day Nursery

Unit/Suite No.	Street No.	Street Name	Rural Route	Lot/Part/Block/Section
Concession/Plan		City/Town/Municipality	Province	Postal Code

Business Telephone No. (including area code) Ext. Fax No. (including area code)

I declare that all information provided on this form is true and correct to the best of my knowledge.

Prepared by (print name)	Telephone No. (including area code)	Ext.
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Signature	Date (yyyy/mm/dd)
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Collection of information on this form is collected by the Drinking Water Management Division on behalf of the Ministry of the Environment in accordance with the *Safe Drinking Water Act, 2002 (SDWA)* and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act (FOIPPA)*. The information gathered herein will be used for the purpose of notice of reduced lead sampling frequency, and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information contained on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees, the Ministry of Health and Long Term Care, the Ministry of Education and the Ministry of Community and Social Services pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety.

**APPENDIX “D”
ONTARIO REGULATION 243/07**

Safe Drinking Water Act, 2002

**ONTARIO REGULATION 243/07
SCHOOLS, PRIVATE SCHOOLS AND DAY NURSERIES**

Consolidation Period: 2007-07-01 to 2007-07-01

Last amendment: O. Reg. 417/09.

This is the English version of a bilingual regulation.

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GENERAL

Interpretation

1. (1) In this Regulation,

"day nursery" means a day nursery as defined in the *Day Nurseries Act*; ("garderie")

"lead plumbing" means plumbing with a lead content greater than 8 per cent; ("installation de plomberie en plomb")

"lead solder" means solder with a lead content greater than 0.2 per cent; ("soudures de plomb")

"private school" means a private school as defined in the *Education Act*; ("école privée")

"school" means a school as defined in the *Education Act*; ("école")

"standard prescribed for lead" means the standard prescribed for lead in Schedule 2 to Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards) made under the Act; ("norme prescrite à l'égard du plomb") O. Reg. 243/07, s. 1 (1); O. Reg. 400/07, s. 1 (1); O. Reg. 417/09, s. 1 (1).

(1.1) Despite subsection (1), for the purposes of this Regulation, a school or private school does not include a place of residence used by a teacher or other person employed by the school or private school. O. Reg. 400/07, s. 1 (2).

(2) For the purposes of this Regulation, a school or private school is open on a day if, at any time during that day, the school's or the private school's programs are held or the school's or the private school's services are provided there for children under 18 years of age. O. Reg. 400/07, s. 1 (3); O. Reg. 417/09, s. 1 (2).

(3) For the purposes of this Regulation, a day nursery is open on a day if, at any time during that day, any of the children cared for are present in the day nursery. O. Reg. 243/07, s. 1 (3).

Exemption

2. This Regulation does not apply to a school, private school or day nursery that obtains water from a drinking water system if the exemption provided by section 8 of Ontario Regulation 170/03 (Drinking Water Systems) made under the Act applies to the system. O. Reg. 243/07, s. 2.

FLUSHING

Weekly flushing

3. (1) This section applies to a school, private school or day nursery to which section 4 does not apply. O. Reg. 400/07, s. 2 (1); O. Reg. 417/09, s. 2 (1).

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed on the first day that the school, private school or day nursery is open in each week; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 3 (2).

(2.1) The flushing requirement in subsection (2) does not apply in respect of plumbing that serves one of the following:

1. A part of a building that is not open during the entire week in question.
2. A part of a building that is used for student accommodation and that is not used communally.
3. A tap or drinking water fountain that is primarily intended for use by the general public. O. Reg. 417/09, s. 2 (2).

(2.2) If a building houses a school or private school that is open to children under 18 years of age for 24 hours on the day referred to in clause (2) (a), the flushing shall be completed at the earliest practicable time. O. Reg. 400/07, s. 2 (2); O. Reg. 417/09, s. 2 (3).

(3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:

1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or a tap that is commonly used to provide water for consumption by children under 18 years of age.
2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.
3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.
4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 3 (3); O. Reg. 400/07, s. 2 (3, 4).

(4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing. O. Reg. 417/09, s. 2 (4).

(5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if,

- (a) the operator of the school, private school or day nursery ensures that the operability of the device is verified,
 - (i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or
 - (ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and

(b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification. O. Reg. 417/09, s. 2 (4).

Daily flushing

4. (1) This section applies to a school, private school or day nursery if,

(a) all or part of the plumbing that serves the building that houses the school, private school or day nursery was installed before January 1, 1990 and test results from drinking water samples taken in respect of the plumbing in accordance with this Regulation have not been obtained for a period of at least 24 consecutive months; or

(b) for a period of at least 24 consecutive months, test results in respect of the plumbing in the building that houses the school, private school or day nursery have been obtained, and at least one of the test results from the most recent 24 consecutive month period has exceeded the standard prescribed for lead. O. Reg. 417/09, s. 3 (1).

(2) The operator of a school, private school or day nursery to which this section applies shall ensure that,

(a) the plumbing is flushed every day that the school, private school or day nursery is open; and

(b) the flushing is completed before the school, private school or day nursery opens for the day. O. Reg. 243/07, s. 4 (2).

(2.1) The flushing requirement in subsection (2) does not apply in respect of plumbing that serves one of the following:

1. A part of a building that is not open during the entire day in question.
 2. A part of a building that is used for student accommodation and that is not used communally.
 3. A tap or drinking water fountain that is primarily intended for use by the general public. O. Reg. 417/09, s. 3 (2).
- (2.2) If a building houses a school or private school that is open to children under 18 years of age for 24 hours a day, the flushing shall be completed at the earliest practicable time. O. Reg. 400/07, s. 3 (2); O. Reg. 417/09, s. 3 (3).
- (3) For the purpose of clause (2) (a), plumbing shall be flushed in accordance with the following rules:
1. The cold water must be turned on for at least five minutes at the last tap on each branch or each run of pipe in the plumbing that serves a drinking water fountain or a tap that is commonly used to provide water for consumption by children under 18 years of age.
 2. If a filter or other device that treats water is installed on or near the tap referred to in paragraph 1 and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed during the period that the cold water is turned on under paragraph 1.
 3. After complying with paragraph 1, the cold water must be turned on for at least 10 seconds at every drinking water fountain and every tap that is commonly used to provide water for consumption by children under 18 years of age.
 4. If a tap or drinking water fountain that is turned on under paragraph 1 or 3 has an aerator, the aerator must not be removed. O. Reg. 243/07, s. 4 (3); O. Reg. 400/07, s. 3 (3, 4).
- (4) The operator of a school, private school or day nursery shall ensure that a record is made of the date and time of every flushing required by subsection (2) and the name of the person who performed the flushing. O. Reg. 417/09, s. 3 (4).
- (5) Subsection (4) does not apply in respect of a part of plumbing that is flushed by an automatic device if:
- (a) the operator of the school, private school or day nursery ensures that the operability of the device is verified.
 - (i) at a minimum, at the frequency set out in the instructions provided by the manufacturer of the device, or
 - (ii) if no instructions mentioned in subclause (i) are available, at least once in each month; and
 - (b) the operator of the school, private school or day nursery ensures that a record is made of the date of each verification mentioned in clause (a) and the name of the person who made the verification. O. Reg. 417/09, s. 3 (4).

Director's direction, alternate flushing

- 4.1** (1) Despite section 3 and subsection 4 (1) and, subject to subsection (6), if the Director gives a direction in writing under this section to the operator of a school, private school or day nursery,
- (a) section 3 ceases to apply in respect of the school, private school or day nursery;
 - (b) section 4 applies in respect of the school, private school or day nursery; and
 - (c) the operator of the school, private school or day nursery shall comply with the direction. O. Reg. 417/09, s. 4.
- (2) The Director may give a direction mentioned in subsection (1) to the operator of a school, private school or day nursery if,
- (a) the Director has knowledge of water chemistry changes in the drinking water supplied to the school, private school or day nursery; and
 - (b) the Director is of the opinion that the changes mentioned in clause (a) may result in levels of lead in the drinking water at the school, private school or day nursery that exceed the standard prescribed for lead. O. Reg. 417/09, s. 4.
- (3) A direction mentioned in subsection (1) shall direct the operator of the school, private school or day nursery to ensure that flushing is carried out in accordance with section 4 and may direct the operator to take other steps that, in the opinion of the Director, will lower the risk of lead exposure to children at the school, private school or day nursery. O. Reg. 417/09, s. 4.
- (4) The Director may amend a direction mentioned in subsection (1) by giving written notice of the amendment to the operator of the school, private school or day nursery. O. Reg. 417/09, s. 4.
- (5) The Director may revoke a direction mentioned in subsection (1) by giving written notice of the revocation to the operator of the school, private school or day nursery if the Director is of the opinion that,
- (a) the water chemistry in the drinking water supplied to the school, private school or day nursery is no longer likely to result in levels of lead in the drinking water that exceed the standard prescribed for lead; or
 - (b) steps have been taken to adequately lower the risk of lead exposure to children at the school, private school or day nursery. O. Reg. 417/09, s. 4.

(6) If the Director revokes a direction mentioned in subsection (1), subsection (1) ceases to apply in respect of the operator of the school, private school or day nursery. O. Reg. 417/09, s. 4.

SAMPLING AND TESTING FOR LEAD

Annual sampling and testing for lead

5. (1) REVOKED: O. Reg. 417/09, s. 5 (1).

(2) The operator of a school, private school or day nursery shall ensure that samples of water are taken in accordance with the following rules:

1. Except in a year in which paragraph 2 applies to a school, private school or day nursery, the samples must be taken at least once in each calendar year, during the period beginning on May 1 and ending on October 31.
2. If the school, private school or day nursery commences operation on or after December 14, 2009, the samples must be taken at least once within 30 days after the first day of operation and, if operation commences during a period beginning on January 1 and ending on March 31, at least once during the period beginning on May 1 and ending on October 31 in the same calendar year during which operation commences.
- 2.1 The samples must consist of two one-litre samples of cold water taken from the same tap or fountain.
3. If the tap or fountain from which the samples are to be taken has an aerator, the aerator must not be removed while the samples are being taken.
4. If a filter or other device that treats water is installed on or near the tap or fountain from which the samples are taken and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed while the samples are being taken.
5. The samples must be taken from.
 - i. any tap that is used in the preparation of food or drink for consumption by children under 18 years of age.
 - ii. any tap that is commonly used to provide water for consumption by children under 18 years of age, or
 - iii. if it is practicable to collect a sample from a drinking water fountain in accordance with this section, any drinking water fountain.
- 5.1 If the samples are taken from a day nursery, the samples must be taken from every tap that meets the description set out in subparagraph 5 i before samples are taken from any other tap or a fountain.
- 5.2 If the school, private school or day nursery consists of multiple buildings or sites that are served by separate plumbing and all of the plumbing is connected to the same drinking water system, including buildings used for student accommodation that are operated by a school or private school, the samples must be taken on a rotational basis so that no sample is taken from a tap or fountain served by the same plumbing until samples have been taken from at least one tap or fountain served by the other plumbing wherever there is a tap or fountain served by the other plumbing that meets a description set out in subparagraph 5 i, ii or iii.
- 5.3 If more than one school, private school or day nursery is served by the same plumbing, a single set of two one-litre samples may be taken for the purposes of paragraph 2.1 for all of the schools, private schools and day nurseries if,
 - i. taps that meet the description set out in subparagraph 5 i and that are located within a day nursery are sampled before other taps or fountains served by the same plumbing.
 - ii. subject to subparagraph i, samples are taken on a rotational basis so that no sample is taken from a tap or fountain within the same school, private school or day nursery until samples have been taken from at least one tap or fountain within all other schools, private schools or day nurseries that are relying on the same single set of samples, if any such taps or fountains have not yet been sampled.
 - iii. the operator of the school, private school or day nursery who receives a report under subsection 6 (1) gives a report within 24 hours after the report is received to every other school, private school or day nursery that is relying on the same single set of samples, setting out the result that requires the report and the standard prescribed by Schedule 2 to Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards) made under the Act that the result exceeds,
 - iv. the operator of a school who receives a copy of a report under subparagraph iii gives a copy of the report, within 24 hours after the report is received, to the Ministry of Education, or any successor of that ministry, and
 - v. the operator of a day nursery who receives a copy of a report under subparagraph iii gives a copy of the report, within 24 hours after the report is received, to the Ministry of Children and Youth Services, or any successor of that ministry.

6. If there is more than one tap or fountain that meets a description set out in subparagraph 5 i, ii or iii and one of those taps or fountains is more likely than the others to be served by lead plumbing or plumbing that contains lead solder, the samples must be taken from the tap or fountain that is most likely to be served by lead plumbing or plumbing that contains lead solder.
 - 6.1 If a filter or other device that treats water is installed on or near the tap or fountain that has been selected for sampling in accordance with paragraphs 5, 5.1, 5.2, 5.3 and 6 and it is not practicable to bypass the filter or other device without removing it, before the start of the period referred to in subparagraph 7 i or ii.
 - i. the filter or other device must be removed, and
 - ii. the tap or fountain must be turned on for at least five minutes.
 7. The first sample to be taken must be taken in accordance with the following rules:
 - i. If it is practicable to take the sample immediately after a period of six hours or more when the plumbing is not used, the sample must be taken immediately after that period.
 - ii. If subparagraph i does not apply, the sample must be taken immediately after the longest period when the plumbing is not used for which it is practicable to take the sample.
 - iii. The sample must be taken immediately after the period referred to in subparagraph i or ii and before the plumbing is flushed section 3, 4, 4.1 or 5.1.
 8. The second sample to be taken must be taken in accordance with the following rules:
 - i. Subject to subparagraph ii, the second sample must be taken immediately after the first sample.
 - ii. Before taking the second sample, the tap or fountain must be turned on for at least five minutes, and then turned off and left unused for a period of at least 30 but not more than 35 minutes.
 - iii. If practicable, the plumbing must not be used during the period of at least 30 but not more than 35 minutes that is referred to in subparagraph ii.
 - iv. The second sample must be taken immediately after the period of at least 30 but not more than 35 minutes that is referred to in subparagraph ii.
 9. Each sample must be taken during a single continuous period and must include the first water that comes out when the tap or fountain is turned on to take the sample.
 10. Each sample must be taken with water flowing at a rate that approximates normal use, without permitting water to splash out of the container in which the sample is being collected.
 11. Unless the directions referred to in subsection (4) provide otherwise, more than one container may be used to take each of the samples, as long as the time taken to switch from one container to the next is minimized.
 12. A record must be made of the date and time each sample was taken, an estimate of the length of the period referred to in subparagraph 7 i or ii, the location in the school, private school or day nursery where the sample was taken and the name of the person who took the sample. O. Reg. 243/07, s. 5 (2); O. Reg. 400/07, s. 4 (2); O. Reg. 417/09, s. 5 (2-12).
- (2.1) Despite paragraph 1 of subsection (2) and subject to subsection (2.2), samples may be taken only once in every third calendar year, during the period beginning on May 1 and ending on October 31 if,
- (a) for a period of at least 24 consecutive months, test results in respect of the plumbing in the buildings that house the school, private school or day nursery have been obtained, and none of the test results from the most recent 24 consecutive months has exceeded the standard prescribed for lead;
 - (b) every tap in the school, private school or day nursery that is used in the preparation of food or drink for consumption by children under 18 years of age has been sampled at least once;
 - (c) at least one tap from every washroom or change room where children under 18 years of age are allowed to fill drinking water bottles or containers has been sampled at least once; and
 - (d) a notice has been submitted to the Director stating that the conditions described in clauses (a), (b) and (c) have been met. O. Reg. 417/09, s. 5 (13).
- (2.2) Subject to subsection (2.7), if the Director gives a direction in writing to the operator of a school, private school or day nursery in respect of which subsection (2.1) applies,
- (a) subsection (2.1) ceases to apply in respect of the school, private school or day nursery; and
 - (b) the operator of the school, private school or day nursery shall comply with the direction. O. Reg. 417/09, s. 5 (13).

(2.3) The Director may give a direction mentioned in subsection (2.2) to the operator of a school, private school or day nursery if:

- (a) the Director has knowledge of water chemistry changes in the drinking water supplied to the school, private school or day nursery; and
- (b) the Director is of the opinion that the changes mentioned in clause (a) may result in levels of lead in the drinking water at the school, private school or day nursery that exceed the standard prescribed for lead. O. Reg. 417/09, s. 5 (13).

(2.4) A direction mentioned in subsection (2.2) shall direct the operator of the school, private school or day nursery to comply with paragraph 1 of subsection 5 (2) and may direct the operator to take other steps, including additional sampling and testing, that, in the opinion of the Director, will lower the risk of lead exposure to children at the school, private school or day nursery. O. Reg. 417/09, s. 5 (13).

(2.5) The Director may amend a direction mentioned in subsection (2.2) by giving written notice of the amendment to the operator of the school, private school or day nursery. O. Reg. 417/09, s. 5 (13).

(2.6) The Director may revoke a direction mentioned in subsection (2.2) by giving written notice of the revocation to the operator of the school, private school or day nursery if the Director is of the opinion that:

- (a) the water chemistry in the drinking water supplied to the school, private school or day nursery is no longer likely to result in levels of lead in the drinking water that exceed the standard prescribed for lead; or
- (b) steps have been taken to adequately lower the risk of lead exposure to children at the school, private school or day nursery. O. Reg. 417/09, s. 5 (13).

(2.7) If the Director revokes a direction mentioned in subsection (2.2), subsection (2.2) ceases to apply in respect of the operator of the school, private school or day nursery. O. Reg. 417/09, s. 5 (13).

(3) The operator of a school, private school or day nursery from which a sample is taken under this section shall ensure that the sample is tested for lead. O. Reg. 243/07, s. 5 (3); O. Reg. 417/09, s. 5 (14).

(4) Subject to subsection (2), the operator of a school, private school or day nursery from which a sample is taken under this section shall ensure that the sample is taken and handled in accordance with the directions of the laboratory to which the sample will be delivered for testing, including directions with respect to:

- (a) collection procedures;
- (b) the use of specified kinds of containers or of containers that are provided by the laboratory;
- (c) the labelling of samples;
- (d) the completion and submission of forms that are provided by the laboratory;
- (e) methods of transporting samples, including temperature conditions that must be maintained during transportation; and
- (f) time periods for delivery of samples. O. Reg. 243/07, s. 5 (4); O. Reg. 417/09, s. 5 (15).

(5) The operator of a school, private school or day nursery from which a sample is taken under this section shall ensure that written notice of the identity of the laboratory that will conduct the test for lead is given to the Director before the sample is tested, unless the Director has previously been notified under this subsection that a water sample from the school, private school or day nursery was to be tested for lead by that laboratory. O. Reg. 243/07, s. 5 (5); O. Reg. 417/09, s. 5 (16).

(6) If the information in the written notice given to the Director under subsection (5) changes, the operator of the school, private school or day nursery shall give to the Director written notice of the change within 10 days of the change. O. Reg. 417/09, s. 5 (17).

(7) Every test of a water sample taken under this section is prescribed as a drinking water test for the purpose of the definition of "drinking water test" in section 2 of the Act. O. Reg. 243/07, s. 5 (7).

Director's direction, alternate flushing or sampling plan

5.1 (1) Despite sections 3, 4 and 5, if the Director gives a direction in writing under this section to the operator of a school, private school or day nursery,

- (a) the operator of the school, private school or day nursery shall comply with the direction; and
 - (b) if the Director specifies in the direction that all or part of section 3, 4 or 5 do not apply in respect of the school, private school or day nursery, the specified provisions cease to apply in respect of the school, private school or day nursery. O. Reg. 417/09, s. 6.
- (2) Before a direction mentioned in subsection (1) may be given in respect of a school, private school or day nursery,
- (a) the owner or operator must submit a proposed alternate flushing plan, a proposed alternate sampling plan or both to the Director; and

(b) the Director must consult with the medical officer of health in respect of the proposed plan or plans submitted under clause (a). O. Reg. 417/09, s. 6.

(3) A direction mentioned in subsection (1) shall direct the operator of the school, private school or day nursery to comply with the plan or plans submitted under clause (2) (a), subject to any amendments made by the Director, and with any additional requirements specified by the Director in the direction. O. Reg. 417/09, s. 6.

(4) Before giving a direction mentioned in subsection (1), the Director must be of the opinion that the implementation of the plan or plans submitted under clause (2) (a) and compliance with any additional requirements specified in the direction would lower the risk of lead exposure to children at the school, private school or day nursery. O. Reg. 417/09, s. 6.

(5) The Director may amend or revoke a direction mentioned in subsection (1) by giving written notice of the amendment or revocation to the operator of the school, private school or day nursery. O. Reg. 417/09, s. 6.

(6) If the Director revokes a direction mentioned in subsection (1), subsection (1) ceases to apply in respect of the operator of the school, private school or day nursery. O. Reg. 417/09, s. 6.

(7) On or before the second anniversary of the giving of a direction mentioned in subsection (1), the Director shall review the direction and its implementation for the purposes of determining,

(a) whether the direction continues to adequately address the risk of lead exposure to children at the school, private school or day nursery; and

(b) whether the operator of the school, private school or day nursery is implementing and complying with the direction. O. Reg. 417/09, s. 6.

Reporting of test results

6. (0.1) This section applies if a laboratory conducts a test of a water sample taken in accordance with paragraphs 2.1 to 12 of subsection 5 (2) and subsections 5 (2.1) to (4) or in accordance with section 5.1, either during a period specified in paragraph 1 or 2 of subsection 5 (2) or during any other period. O. Reg. 417/09, s. 7 (1).

(1) If a laboratory conducts a test of a water sample mentioned in subsection (0.1) and the result of the test exceeds any of the standards prescribed by Schedule 2 to Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards) made under the Act, the laboratory shall, within 24 hours after the result is authorized pursuant to subsection 12 (1) or paragraph 4 of subsection 12.0.1 (3) of Ontario Regulation 248/03 (Drinking Water Testing Services) made under the Act, report the result in writing to,

(a) the operator of the school, private school or day nursery;

(b) the medical officer of health; and

(c) the Ministry's Spills Action Centre.

(d), (e) REVOKED: O. Reg. 400/07, s. 5 (1).

O. Reg. 243/07, s. 6 (1); O. Reg. 400/07, s. 5 (1); O. Reg. 417/09, s. 7 (2).

(2) A report required by subsection (1) shall specify the result that requires the report and the standard referred to in subsection (1) that the result exceeds. O. Reg. 417/09, s. 7 (3).

(3) A report or a copy of a report required by this section may be delivered personally or sent by fax or by electronic mail. O. Reg. 400/07, s. 5 (2).

(4) REVOKED: O. Reg. 417/09, s. 7 (4).

(5) Section 18 of the Act does not apply to the result of a test of a water sample mentioned in subsection (0.1). O. Reg. 243/07, s. 6 (5); O. Reg. 417/09, s. 7 (5).

(6) The operator of a school, private school or day nursery who receives a report under subsection (1) shall, within 24 hours after the report is received, give a report setting out the result specified in subsection (2) and the standard referred to in subsection (1) that the result exceeds to,

(a) the medical officer of health;

(b) the Ministry's Spills Action Centre;

(c) the Ministry of Education, or any successor of that ministry, if the report relates to a school; and

(d) the Ministry of Children and Youth Services, or any successor of that ministry, if the report relates to a day nursery. O. Reg. 400/07, s. 5 (4); O. Reg. 417/09, s. 7 (6).

Corrective action

7. (1) If a report is made under section 6, the operator of the school, private school or day nursery shall take such steps as are directed by the medical officer of health. O. Reg. 243/07, s. 7.

(2) If a report is made under section 6 and the issue that gave rise to the report is resolved, the operator of the school, private school or day nursery shall, within seven days after the issue is resolved, give a written notice summarizing the actions taken and the results achieved to,

- (a) the medical officer of health;
- (b) the Ministry's Spills Action Centre;
- (c) the Ministry of Education, or any successor of that ministry, if the report relates to a school;
- (d) the Ministry of Children and Youth Services, or any successor of that ministry, if the report relates to a day nursery; and
- (e) if the report is in respect of a test of water samples taken under paragraph 5.3 of subsection 5 (2), the operator of every school, private school or day nursery that is relying on the same single set of samples. O. Reg. 417/09, s. 8.

INFORMATION AND RECORDS

Information to be available

8. (1) The operator of a school, private school or day nursery shall ensure that the following information is available for inspection by any member of the public during normal business hours without charge at the school, private school or day nursery:

1. A copy of every record made under section 3, 4, 4.1, 5 or 5.1.
2. A copy of every test result obtained in respect of a test required under section 5, 5.1 or an order.
3. A copy of every test result in respect of which a report was required under section 6.
- 3.1 A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.
4. A copy of this Regulation. O. Reg. 243/07, s. 8 (1); O. Reg. 417/09, s. 9 (1-3).

(2) Paragraphs 2 and 3 of subsection (1) do not apply to a test result until the day after it comes into the possession of the operator of the school, private school or day nursery. O. Reg. 243/07, s. 8 (2).

(3) Paragraphs 1, 2 and 3 of subsection (1) do not apply to a record or test result that is more than two years old. O. Reg. 243/07, s. 8 (3).

(4) Paragraph 3.1 of subsection (1) does not apply to a director's direction that is more than two years old. O. Reg. 417/09, s. 9 (4).

Records

9. (1) The operator of a school, private school or day nursery shall ensure that the following documents and other records are kept for at least six years:

1. Every record made under section 3, 4, 4.1, 5 or 5.1.
2. Every test result obtained in respect of a test required under section 5, 5.1 or an order.
3. Every test result in respect of which a report was required under section 6.
4. A copy of every director's direction given under section 4.1, subsection 5 (2.2) and section 5.1.
5. A copy of every report provided or received under subparagraphs 5.3 iii, iv and v of subsection 5 (2). O. Reg. 243/07, s. 9 (1); O. Reg. 417/09, s. 10.

(2) If the Director or a provincial officer makes a request for a document or other record referred to in subsection (1), the operator of the school, private school or day nursery shall ensure that the document or other record is given to the Director or a provincial officer within such period as the Director or provincial officer may specify. O. Reg. 243/07, s. 9 (2).

Forms

10. (1) Where this Regulation requires or permits the giving or submission of a notice or report, other than a notice or report required to be given by the Director, the notice or report must be in a form provided by or approved by the Director. O. Reg. 417/09, s. 11.

(2) The Director may require that a document or other record that is given to the Director under this Regulation be given in an electronic format specified by the Director. O. Reg. 417/09, s. 11.

Français

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Drinking Water System Profile Information

DWS # 500257934
Registration Date (yyyy/mm/dd) 2011/05/05
DWS Status Active DWS
DWS Expiry Date (yyyy/mm/dd)
MOE Assigned Name R243 Garden Gate Program
Category R243DAY
Regulation Short Name O.REG 243/07
DWS Type -
Source Type -
Address 317 Chapel Street, Ottawa, Ontario, K1N 7Z2, Canada
Region Eastern Region
District Ottawa District
Municipality Ottawa
Public Health Unit City Of Ottawa Health Department

DWS OPERATIONAL INFORMATION

Concession Plan Number
Lot
Geographic Township
Population: 0
Number of Private Residences: 0
Number of Service Connections: 0
Rated Daily Capacity (L/S) 0
Number of DFs Served: 1
LSN Compliance Status: Complete LSN
Date of Last Sample (as per DWIS) 29 October, 2013
24/7 Contact Yasmeen Osman, Sole Operator/Lead Teacher
24/7 Contact Info p: (613)7948074, f: -, e: yasmeen_osman@hotmail.com, c: -, pg: -

DWS OWNER INFORMATION

Owner Legal Name Garden Gate Program
Owner Business Name Garden Gate Program
Owner Address 317 Chapel St ,Ottawa,Ontario,K1N 7Z2
Owner Contact Yasmeen Osman, Sole Operator/Lead Teacher
Owner Contact Info p: (613)7948074, f: -, e: yasmeen_osman@hotmail.com
Owner Alternate Contact
Owner Alternate Contact Info

Handwritten note: Garden Gate Program
yasmeen_osman@hotmail.com

DWS OPERATING AUTHORITY INFORMATION

Op. Authority Legal Name Garden Gate Program
Op. Authority Business Name Garden Gate Program
Op. Authority Address 317 Chapel St ,Ottawa,Ontario,K1N 7Z2
Op. Authority Contact Yasmeen Osman, Sole Operator/Lead Teacher
Op. Authority Contact Info p: (613)7948074, f: -, e: yasmeen_osman@hotmail.com
Op. Authority Alternate Contact
Op. Authority Alternate Contact Info

WLIS PROFILE INFORMATION

Municipal DWS ID
Municipal DWS Name n/a
Municipal DWS Owner ID

as of 22-JUN-2014

Designated Facility (Count: 1)

DF Name	DF Type	Interested Authority Name	DF Address
Garden Gate Program	Child & Youth Care-Day Nursery	Ministry Of Education	317 Chapel Street, Ottawa, Ontario, K1N 7Z2, CANADA

DWIS Components

PLUMBING - FLUSHED

DWIS Component Name	GUDI Flag	Seasonal Flag	Treatment Process	Primary Treatment Flag	Secondary Treatment Flag
PLUMBING - FLUSHED:R243 GARDEN GATE PROGRAM					

PLUMBING - STANDING

DWIS Component Name	GUDI Flag	Seasonal Flag	Treatment Process	Primary Treatment Flag	Secondary Treatment Flag
PLUMBING - STANDING:R243 GARDEN GATE PROGRAM					

as of 22-JUN-2014

23-Jun-14

- 3 -

11:20:44 AM

000047

as of 22-JUN-2014

Inspection(s) Records (includes current FY and 5 previous FY)

Inspection Date	Date Inspection Completed	Inspection Fiscal Year	Inspection File Status	Field Inspection Type	Inspection Type	Pesticide Sampling Indicator	Number of Violations	Number of Confirmed Deficiencies	Inspection Report #	Final Inspection Rating
		2014-2015	Inspection Assigned	Detailed	Announced	No	0	0	1-BHG71	

Laboratory Service Notification (LSN) Information

Inorganic Chemical

O. Reg. 170 Parameter Name	LSN Effective Date	Lab Name
Lead	2011-05-05	Caduceon Environmental Laboratories - Holly Lane

as of 23-JUN-2014

Report criteria selected...

Sampling Date	Between 1-Jan-09 and 24-Jun-14
Submission Date	ALL
Sample Type	Distributed Drinking Water, Drinking Water, Plumbing - Flushed Drinking Water, Plumbing - Standing Drinking Water, Plumbing Drinking Water, Raw Ground Water, Raw Surface Water, Treated Ground Water, Treated Surface Water
Sample Exceeding MAC Limit	Exceedance, Non-exceedance
Include Deleted Results	Valid/Active
Parameter Group Type	CDWI Parameter Grouping, Reg. 170 Parameter Grouping
Parameter Group	Inorganic Chemical
Parameter Name	Lead
Region	Eastern Region
District	Belleville Area Office, Cornwall Area Office, Kingston District, Ottawa District, Peterborough District
Municipality	Addington Highlands, Admaston/Bromley, Alfred And Plantagenet, Algonquin Highlands, Alnwick/Haldimand, Arnprior, Asphodel-Norwood, Athens, Augusta, Bancroft, Beckwith, Belleville, Bonnechere Valley, Brighton, Brockville, Brudenell/Lynoch/Raglan, Carleton Place, Carlow/Mayo, Casselman, Cavan-Millbrook-North Monaghan, Central Frontenac, Centre Hastings, Champlain, Clarence-Rockland, Cobourg, Cornwall, Cramahe, Deep River, Deseronto, Douro-Dummer, Drummond-North Elmsley, Dysart Et Al, East Hawkesbury, Edwardsburgh/Cardinal, Elizabethtown-Kitley, Faraday, Front Of Yonge, Frontenac Islands, Galway-Cavendish-Harvey, Gananoque, Greater Madawaska, Greater Napanee, Hamilton Township, Hastings Highlands, Havelock-Belmont-Methuen, Hawkesbury, Head/Clara/Maria, Highlands East, Horton, Kawartha Lakes, Killaloe/Hagarty/Richards, Kingston, Lanark Highlands, Laurentian Hills, Laurentian Valley, Leeds And The Thousand Islands, Limerick, Loyalist, Madawaska Valley, Madoc, Marmora And Lake, McNab-Braeside, Merrickville-Wolford, Minden Hills, Mississippi Mills, Montague, North Algona-Wilberforce, North Dundas, North Frontenac, North Glengarry, North Grenville, North Kawartha, North Stormont, Otonabee-South Monaghan, Ottawa, Pembroke, Perth Town, Petawawa, Peterborough City, Port Hope, Prescott, Prince Edward County, Quinte West, Renfrew Town, Rideau Lakes, Russell, Smith-Ennismore-Lakefield, Smiths Falls, South Algonquin, South Dundas, South Frontenac, South Glengarry, South Stormont, Stirling-Rawdon, Stone Mills, Tav Valley, The Nation, Trent Hills, Tudor And Cashel, Tweed, Tyendinaga, Westport, Whitewater Region, Wollaston
Regulation Category	O.REG 243/07
DWS Source Type	R243DAY, R243PRIV, R243PUB, UNKNOWN
Public Health Unit	ALL
Owner	ALL
DWS #	500257934
DWS Name	ALL
Labs	ALL
Include Primary Keys?	No
DWS Status	Active DWS, Expired DWS, To Be Expired

Number of Samples Results Returned = 4

as of 23-JUN-2014

#	Region Name	District Name	Municipality Name	Lab Name	Lab License Number	LWS #	LWS Name	Regulation Name	LWS Category (Abbreviation)	LWS Status	Serving LA	LWS Inspection Source Type	PRO Logo Name	Submission Date	Sample Date/Time	Sample Type Name	Submission ID/Ref	Lab Sample Identifier	LWS Sample Identifier	Sample Location	C. Reg ID/Parameter Name	Parameter	Result Flag	Result Value	Result Units	Result Average	Parameter Limit	Parameter Unit	Result Code 1	Result Code 2	Result Qualifier	Facilities #	Result Entry Date (YYYY-MM-DD)	Result End Date (YYYY-MM-DD)	Was the Sample Retested? (Yes/No)	(T)M Parameter Group	(I) Reg ID/Parameter Group	Number of Results Submitted	Resample Flag	Retention Required to SA	Lab which Original Analyzed	Original Submission Identifier	Original Lab Sample Identifier
1	Eastern Region	Ottawa District	Ottawa	Radisson Environmental Laboratory Holy Lane	2112	5825/2914	R241	0-800-387-7241	R241WAY	Active	Yes	Individual Health Complaint	City of Ottawa Health Department	2013-10-30 09:14:01 PM EDT	04-11 AM	Standing Water	R11-28676	R11-28676-1	R11-28676-1	Plumbing	RT241	Lead	None	0.01	mg/L	0.01	0.01	mg/L			0.01	None	2013-10-30	2013-10-30	No	(T)M	(I) Reg ID/Parameter Group	1			Radisson Environmental Laboratory Holy Lane		
2	Eastern Region	Ottawa District	Ottawa	Radisson Environmental Laboratory Holy Lane	2112	5825/2914	R241	0-800-387-7241	R241WAY	Active	Yes	Individual Health Complaint	City of Ottawa Health Department	2013-08-30 09:14:01 PM EDT	04-11 AM	Standing Water	R11-28676	R11-28676-2	R11-28676-2	Plumbing	RT241	Lead	None	0.01	mg/L	0.01	0.01	mg/L			0.01	None	2013-08-30	2013-08-30	No	(T)M	(I) Reg ID/Parameter Group	1			Radisson Environmental Laboratory Holy Lane		
3	Eastern Region	Ottawa District	Ottawa	Radisson Environmental Laboratory Holy Lane	2112	5825/2914	R241	0-800-387-7241	R241WAY	Active	Yes	Individual Health Complaint	City of Ottawa Health Department	2011-11-02 08:25:18 PM EDT	04-11 AM	Standing Water	R11-28667	R11-28667-1	R11-28667-1	Plumbing	RT241	Lead	None	0.01	mg/L	0.01	0.01	mg/L			0.01	None	2011-11-02	2011-11-02	No	(T)M	(I) Reg ID/Parameter Group	1			Radisson Environmental Laboratory Holy Lane		
4	Eastern Region	Ottawa District	Ottawa	Radisson Environmental Laboratory Holy Lane	2112	5825/2914	R241	0-800-387-7241	R241WAY	Active	Yes	Individual Health Complaint	City of Ottawa Health Department	2011-11-02 08:25:18 PM EDT	04-11 AM	Standing Water	R11-28667	R11-28667-2	R11-28667-2	Plumbing	RT241	Lead	None	0.01	mg/L	0.01	0.01	mg/L			0.01	None	2011-11-02	2011-11-02	No	(T)M	(I) Reg ID/Parameter Group	1			Radisson Environmental Laboratory Holy Lane		

2012 - meet they did a co-located

available May-03/14

STEP ONE - RESEARCH

Dossier

- Registration date: May 5, 2011
- Active DWS
- Location: 317 Chapel Street Ottawa, Ontario, K1N 7Z2, Canada
- Complete LSN- Caduceon Environmental Laboratories- Holly Lane; LSN effective date May 5, 2011
- Yasmeen Osman, Supervisor
- Phone (613) 794-8074; email: Yasmeen_osman@hotmail.com; gardengateprogram@gmail.com
- No adverse test results

129:

- 4 test results (2 standing, and 2 flushing samples)
- 2011 samples were collected outside the May 1st and October 31st time frame
- Standing sample times range from: 8:15am to 8:17 am to flushed times: 8:51pm to 8:54am
- No sample result has exceeded 10ug/L Ontario Drinking Water Quality standard for lead. The highest recorded to date is 0.50ug/L in a standing sample.
- All analyses performed by Caduceon Environmental Laboratories

Google Information:

- <http://www.site.uottawa.ca/~lucija/waldorf/TheGardenGate/Contact.html>
- Address is the same phone number is different: 613-841-5843
- Half day of kindergarten is from 8:30am to 12:00 noon; full day kindergarten is from 8:30am- 2:30pm
- Based on the samples for standing and flushed the flushing is not being completed before the children enter the building. Need to confirm this

Day Nursery:

- Is a day nursery
- Date of first license is August 29, 2011 *First expired?*
- Does not suggest it is co-located with another facility
- Total licensed capacity is 10 (Junior/Senior Kindergarten (44 months to 67 months)
- Last inspection summary was: April 25, 2014. 100%

Divisional SharePoint Regulatory Submissions Database Search:

- A search of the regulatory submissions database yielded no matches for submissions (including Notice of Reduced Lead Sampling) for DWS#500257934.

Flushing not being conducted before children enter building. Need to confirm this



Ministry of the Environment
Safe Drinking Water Branch
Kingston District Office

<INSERT DATE>

To: Yasmeen Osman		
Phone: 613-794-8074	Email: gazlengdteprogram@gmail.com	

From:		
Phone:	Fax: (613) 540-6876	Email:

RE: Information to be Supplied to the Ministry Prior to a Scheduled Telephone Interview Regarding Flushing and Testing for Lead in Drinking Water

This notification is being provided for the purpose of scheduling a telephone-based interview and to gather information necessary to complete that interview.

In order to facilitate an efficient and thorough evaluation please complete the following questionnaire and fax or email it along with the below-cited supporting documents to the undersigned evaluator by <INSERT DUE DATE>.

A. Scheduling of Telephone Based Interview	
A.1.	Please supply a date and time that would be most convenient for you to be contacted by phone for an interview of less than one half hour in duration. DATE: Fri Aug 8/14 TIME: 9:30 a.m
B. Background Information	
B.1.	If known, what is the date of the building's construction? RESPONSE:

B.2.	<p>Is this facility co-located with another school, private school, or day nursery? (check one of the following)</p> <p>YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/></p> <p>If applicable, what are the names of all other co-located schools, private schools, or day nurseries situated within the building?</p> <p>RESPONSE 1: Betty Hyde Cooperative Nursery school moved out in April 2014</p> <p>RESPONSE 2:</p> <p>RESPONSE 3:</p>
B.3.	<p>How frequently is plumbing flushed? (check one of the following)</p> <p>DAILY: <input checked="" type="checkbox"/> WEEKLY: <input type="checkbox"/></p>
B.4.	<p>How is flushing accomplished? (check one of the following)</p> <p>MANUALLY: <input checked="" type="checkbox"/> AUTOMATED: <input type="checkbox"/></p>
B.5.	<p>Where are flushing and lead sampling records maintained?</p> <p>RESPONSE:</p>
B.6.	<p>For how long (i.e. how many years) are flushing and lead sampling records maintained?</p>
B.7.	<p>What process is in place to ensure that flushing and lead sampling records are made available to the public?</p> <p>RESPONSE:</p>
B.8.	<p>Who collects the required lead samples?</p> <p>RESPONSE:</p>
<p>C. Supporting Documents to be Faxed or Emailed to the Ministry by <INSERT DUE DATE>.</p>	
C.1.	<p>Flushing records / logs for the preceding two (2) calendar months. <input checked="" type="checkbox"/></p>
C.2.	<p>Sampling records / logs for the two (2) most recently collected sets of samples (where each "set" consists of a standing and a flushed sample). <input checked="" type="checkbox"/></p>

Should you need to contact me prior to the inspection, I may be reached at
<**INSERT PHONE NUMBER**>.

Should you wish to speak with the Jim Mahoney, Supervisor, Safe Drinking Water
Branch, his phone number is (613) 548-6902.

Yours truly,

<INSERT NAME>

Phone: <INSERT PHONE NUMBER>

Fax: (613) 540-6876

Email: <INSERT E-MAIL ADDRESS>

FLUSHING

Date (DD/MM/YYYY)	5 - Minute Flush		10 - Second Flush	Flushing Location (e.g. floor, wing, tap, fountain)	Name of Person Flushing
	Time Flushing Started	Time Flushing Ended	Time Completed		
22/05/14	8:22	8:30	8:30	2/F CAT Rm	J. HARRISON
23/05/14	8:28	8:35	8:35	"	"
26/5/2014	8:11	8:22	8:22	"	"
27/5/2014	8:17	8:27	8:27	"	"
28/5/2014	8:00	8:10	8:10	"	"
29/5/2014	8:12	8:23	8:23	"	"
30/5/2014	8:12	8:23	8:23	"	"
31/5/2014	8:07	8:18	8:18	"	"
1/6/2014	8:00	8:10	8:10	"	"
2/6/2014	8:05	8:15	8:15	"	"
3/6/2014	8:05	8:15	8:15	"	"
4/6/2014	8:05	8:15	8:15	"	"
5/6/2014	8:05	8:15	8:15	"	"
6/6/2014	8:05	8:15	8:15	"	"
7/6/2014	8:05	8:15	8:15	"	"
8/6/2014	8:05	8:15	8:15	"	"
9/6/2014	8:05	8:15	8:15	"	"
10/6/2014	8:05	8:15	8:15	"	"
11/6/2014	8:05	8:15	8:15	"	"
12/6/2014	8:05	8:15	8:15	"	"
13/6/2014	8:05	8:15	8:15	"	"
14/6/2014	8:05	8:15	8:15	"	"
15/6/2014	8:05	8:15	8:15	"	"
16/6/2014	8:05	8:15	8:15	"	"
17/6/2014	8:05	8:15	8:15	"	"
18/6/2014	8:05	8:15	8:15	"	"
19/6/2014	8:05	8:15	8:15	"	"
20/6/2014	8:05	8:15	8:15	"	"
21/6/2014	8:05	8:15	8:15	"	"
22/6/2014	8:05	8:15	8:15	"	"
23/6/2014	8:05	8:15	8:15	"	"
24/6/2014	8:05	8:15	8:15	"	"
25/6/2014	8:05	8:15	8:15	"	"
26/6/2014	8:05	8:15	8:15	"	"
27/6/2014	8:05	8:15	8:15	"	"
28/6/2014	8:05	8:15	8:15	"	"
29/6/2014	8:05	8:15	8:15	"	"
30/6/2014	8:05	8:15	8:15	"	"
1/7/2014	8:05	8:15	8:15	"	"
2/7/2014	8:05	8:15	8:15	"	"
3/7/2014	8:05	8:15	8:15	"	"
4/7/2014	8:05	8:15	8:15	"	"
5/7/2014	8:05	8:15	8:15	"	"
6/7/2014	8:05	8:15	8:15	"	"
7/7/2014	8:05	8:15	8:15	"	"
8/7/2014	8:05	8:15	8:15	"	"
9/7/2014	8:05	8:15	8:15	"	"
10/7/2014	8:05	8:15	8:15	"	"
11/7/2014	8:05	8:15	8:15	"	"
12/7/2014	8:05	8:15	8:15	"	"
13/7/2014	8:05	8:15	8:15	"	"
14/7/2014	8:05	8:15	8:15	"	"
15/7/2014	8:05	8:15	8:15	"	"
16/7/2014	8:05	8:15	8:15	"	"
17/7/2014	8:05	8:15	8:15	"	"
18/7/2014	8:05	8:15	8:15	"	"
19/7/2014	8:05	8:15	8:15	"	"
20/7/2014	8:05	8:15	8:15	"	"
21/7/2014	8:05	8:15	8:15	"	"
22/7/2014	8:05	8:15	8:15	"	"
23/7/2014	8:05	8:15	8:15	"	"
24/7/2014	8:05	8:15	8:15	"	"
25/7/2014	8:05	8:15	8:15	"	"
26/7/2014	8:05	8:15	8:15	"	"
27/7/2014	8:05	8:15	8:15	"	"
28/7/2014	8:05	8:15	8:15	"	"
29/7/2014	8:05	8:15	8:15	"	"
30/7/2014	8:05	8:15	8:15	"	"
31/7/2014	8:05	8:15	8:15	"	"
1/8/2014	8:05	8:15	8:15	"	"
2/8/2014	8:05	8:15	8:15	"	"
3/8/2014	8:05	8:15	8:15	"	"
4/8/2014	8:05	8:15	8:15	"	"
5/8/2014	8:05	8:15	8:15	"	"
6/8/2014	8:05	8:15	8:15	"	"
7/8/2014	8:05	8:15	8:15	"	"
8/8/2014	8:05	8:15	8:15	"	"
9/8/2014	8:05	8:15	8:15	"	"
10/8/2014	8:05	8:15	8:15	"	"
11/8/2014	8:05	8:15	8:15	"	"
12/8/2014	8:05	8:15	8:15	"	"
13/8/2014	8:05	8:15	8:15	"	"
14/8/2014	8:05	8:15	8:15	"	"
15/8/2014	8:05	8:15	8:15	"	"
16/8/2014	8:05	8:15	8:15	"	"
17/8/2014	8:05	8:15	8:15	"	"
18/8/2014	8:05	8:15	8:15	"	"
19/8/2014	8:05	8:15	8:15	"	"
20/8/2014	8:05	8:15	8:15	"	"
21/8/2014	8:05	8:15	8:15	"	"
22/8/2014	8:05	8:15	8:15	"	"
23/8/2014	8:05	8:15	8:15	"	"
24/8/2014	8:05	8:15	8:15	"	"
25/8/2014	8:05	8:15	8:15	"	"
26/8/2014	8:05	8:15	8:15	"	"
27/8/2014	8:05	8:15	8:15	"	"
28/8/2014	8:05	8:15	8:15	"	"
29/8/2014	8:05	8:15	8:15	"	"
30/8/2014	8:05	8:15	8:15	"	"
31/8/2014	8:05	8:15	8:15	"	"
1/9/2014	8:05	8:15	8:15	"	"
2/9/2014	8:05	8:15	8:15	"	"
3/9/2014	8:05	8:15	8:15	"	"
4/9/2014	8:05	8:15	8:15	"	"
5/9/2014	8:05	8:15	8:15	"	"
6/9/2014	8:05	8:15	8:15	"	"
7/9/2014	8:05	8:15	8:15	"	"
8/9/2014	8:05	8:15	8:15	"	"
9/9/2014	8:05	8:15	8:15	"	"
10/9/2014	8:05	8:15	8:15	"	"
11/9/2014	8:05	8:15	8:15	"	"
12/9/2014	8:05	8:15	8:15	"	"
13/9/2014	8:05	8:15	8:15	"	"
14/9/2014	8:05	8:15	8:15	"	"
15/9/2014	8:05	8:15	8:15	"	"
16/9/2014	8:05	8:15	8:15	"	"
17/9/2014	8:05	8:15	8:15	"	"
18/9/2014	8:05	8:15	8:15	"	"
19/9/2014	8:05	8:15	8:15	"	"
20/9/2014	8:05	8:15	8:15	"	"
21/9/2014	8:05	8:15	8:15	"	"
22/9/2014	8:05	8:15	8:15	"	"
23/9/2014	8:05	8:15	8:15	"	"
24/9/2014	8:05	8:15	8:15	"	"
25/9/2014	8:05	8:15	8:15	"	"
26/9/2014	8:05	8:15	8:15	"	"
27/9/2014	8:05	8:15	8:15	"	"
28/9/2014	8:05	8:15	8:15	"	"
29/9/2014	8:05	8:15	8:15	"	"
30/9/2014	8:05	8:15	8:15	"	"
1/10/2014	8:05	8:15	8:15	"	"
2/10/2014	8:05	8:15	8:15	"	"
3/10/2014	8:05	8:15	8:15	"	"
4/10/2014	8:05	8:15	8:15	"	"
5/10/2014	8:05	8:15	8:15	"	"
6/10/2014	8:05	8:15	8:15	"	"
7/10/2014	8:05	8:15	8:15	"	"
8/10/2014	8:05	8:15	8:15	"	"
9/10/2014	8:05	8:15	8:15	"	"
10/10/2014	8:05	8:15	8:15	"	"
11/10/2014	8:05	8:15	8:15	"	"
12/10/2014	8:05	8:15	8:15	"	"
13/10/2014	8:05	8:15	8:15	"	"
14/10/2014	8:05	8:15	8:15	"	"
15/10/2014	8:05	8:15	8:15	"	"
16/10/2014	8:05	8:15	8:15	"	"
17/10/2014	8:05	8:15	8:15	"	"
18/10/2014	8:05	8:15	8:15	"	"
19/10/2014	8:05	8:15	8:15	"	"
20/10/2014	8:05	8:15	8:15	"	"
21/10/2014	8:05	8:15	8:15	"	"
22/10/2014	8:05	8:15	8:15	"	"
23/10/2014	8:05	8:15	8:15	"	"
24/10/2014	8:05	8:15	8:15	"	"
25/10/2014	8:05	8:15	8:15	"	"
26/10/2014	8:05	8:15	8:15	"	"
27/10/2014	8:05	8:15	8:15	"	"
28/10/2014	8:05	8:15	8:15	"	"
29/10/2014	8:05	8:15	8:15	"	"
30/10/2014	8:05	8:15	8:15	"	"
31/10/2014	8:05	8:15	8:15	"	"
1/11/2014	8:05	8:15	8:15	"	"
2/11/2014	8:05	8:15	8:15	"	"
3/11/2014	8:05	8:15	8:15	"	"
4/11/2014	8:05	8:15	8:15	"	"
5/11/2014	8:05	8:15	8:15	"	"
6/11/2014	8:05	8:15	8:15	"	"
7/11/2014	8:05	8:15	8:15	"	"
8/11/2014	8:05	8:15	8:15	"	"
9/11/2014	8:05	8:15	8:15	"	"
10/11/2014	8:05	8:15	8:15	"	"
11/11/2014	8:05	8:15	8:15	"	"
12/11/2014	8:05	8:15	8:15	"	"
13/11/2014	8:05	8:15	8:15	"	"
14/11/2014	8:05	8:15	8:15	"	"
15/11/2014	8:05	8:15	8:15	"	"
16/11/2014	8:05	8:15	8:15	"	"
17/11/2014	8:05	8:15	8:15	"	"
18/11/2014	8:05	8:15	8:15	"	"
19/11/2014	8:05	8:15	8:15	"	"
20/11/2014	8:05	8:15	8:15	"	"
21/11/2014	8:05	8:15	8:15	"	"
22/11/2014	8:05	8:15	8:15	"	"
23/11/2014	8:05	8:15	8:15	"	"
24/11/2014	8:05	8:15	8:15	"	"
25/11/2014	8:05	8:15	8:15	"	"
26/11/2014	8:05	8:15	8:15	"	"
27/11/2014	8:05	8:15	8:15	"	"
28/11/2014	8:05	8:15	8:15	"	"
29/11/2014	8:05				

APRIL 2014

10/2/13

FLUSHING

Date (DD/MM/YY)	5 - Minute Flush		10 - Second Flush	Flushing Location (e.g. floor, wing, tap, fountain)	Name of Person Flushing
	Time Flushing Started	Time Flushing Ended	Time Completed		
1/4/13	8:15	8:20			
2/4/13	8:17	8:22			
3/4/13	8:19	8:24			
4/4/13	8:21	8:26			
5/4/13	8:23	8:28			
6/4/2014	8:13	8:18			
7/4/2014	8:15	8:20			
8/4/2014	8:17	8:22			
9/4/2014	8:19	8:24			
10/4/2014	8:21	8:26			
11/4/2014	8:23	8:28			
12/4/2014	8:25	8:30			
13/4/2014	8:27	8:32			
14/4/2014	8:29	8:34			
15/4/2014	8:31	8:36			
16/4/2014	8:33	8:38			
17/4/2014	8:35	8:40			
18/4/2014	8:37	8:42			
19/4/2014	8:39	8:44			
20/4/2014	8:41	8:46			
21/4/2014	8:43	8:48			
22/4/2014	8:45	8:50			
23/4/2014	8:47	8:52			
24/4/2014	8:49	8:54			
25/4/2014	8:51	8:56			
26/4/2014	8:53	8:58			
27/4/2014	8:55	9:00			
28/4/2014	8:57	9:02			
29/4/2014	8:59	9:04			
30/4/2014	9:01	9:06			
MAY 2014					
01/05/2014	8:30	8:35			
02/05/2014	8:32	8:37			
03/05/2014	8:34	8:39			
04/05/2014	8:36	8:41			
05/05/2014	8:38	8:43			
06/05/2014	8:40	8:45			
07/05/2014	8:42	8:47			
08/05/2014	8:44	8:49			
09/05/2014	8:46	8:51			
10/05/2014	8:48	8:53			
11/05/2014	8:50	8:55			
12/05/2014	8:52	8:57			
13/05/2014	8:54	8:59			
14/05/2014	8:56	9:01			
15/05/2014	8:58	9:03			
16/05/2014	9:00	9:05			
17/05/2014	9:02	9:07			
18/05/2014	9:04	9:09			
19/05/2014	9:06	9:11			
20/05/2014	9:08	9:13			
21/05/2014	9:10	9:15			
22/05/2014	9:12	9:17			
23/05/2014	9:14	9:19			
24/05/2014	9:16	9:21			
25/05/2014	9:18	9:23			
26/05/2014	9:20	9:25			
27/05/2014	9:22	9:27			
28/05/2014	9:24	9:29			
29/05/2014	9:26	9:31			
30/05/2014	9:28	9:33			

FLUSHING

Date (DD/MM/YYYY)	5 - Minute Flush		10 - Second Flush	Flushing Location (e.g. floor, wing, tap, fountain)	Name of Person Flushing
	Time Flushing Started	Time Flushing Ended	Time Completed		
22/05/14	8:17	8:27			
23/05/14	8:22	8:32		SIT CH EN	JASMEEN
26/5/2014	8:28	8:38		"	"
27/5/2014	8:11	8:22		"	"
28/5/2014	8:17	8:27		"	"
29/5/2014	8:02	8:12		"	"
30/5/2014	8:07	8:17		"	"
2/6/2014	8:12	8:22		"	"
3/6/2014	8:25	8:35		"	"
4/6/2014	8:27	8:37		"	"
5/6/2014	8:02	8:12		"	"
6/6/2014	8:23	8:33		"	"
9/6/2014	8:02	8:12		"	"
10/6/2014	8:03	8:13		"	"
11/6/2014	8:11	8:21		"	"
12/6/2014	8:05	8:15		"	"
13/6/2014	8:02	8:12		"	"
16/6/2014	8:02	8:12		"	"
17/6/2014	8:25	8:35		"	"
18/6/2014				"	"
19/6/2014				"	"
20/6/2014	8:12	8:22		"	"

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2013 Reg. 243 QUOTATION FOR ANALYTICAL SERVICES

Date: January 2, 2013

Valid Until: December 31, 2013

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
If Client Drops sample off the following will apply:					
1	2	Lead	Drinking Water	36.50	73.00
2	1	MOE Website Reporting Fee	-	5% of Invoice	3.65
3	2	Environmental Surcharge	-	1.50	3.00
4	1	HST	-	-	10.35
5		Total	-	-	90.00
If Client uses our FedEx account the charge will be:					
6	2	Lead	Drinking Water	36.50	73.00
7	1	Courier/Pick up Charge (one way)	-	20.35	20.35
8	1	MOE Website Reporting Fee	-	5% of Invoice	3.65
9	2	Environmental Surcharge	-	1.50	3.00
10	1	HST	-	-	13.00
11		Total	-	-	113.00
If Client gives sample to the Direct Driver Courier the charge will be:					
12	2	Lead	Drinking Water	36.50	73.00
13	1	Direct Driver Courier Fee	-	10.62	10.62
14	1	MOE Website Reporting Fee	-	5% of Invoice	3.65
15	2	Environmental Surcharge	-	1.50	3.00
16	1	HST	-	-	11.73
17		Total	-	-	102.00
Additional Parameters and Fees:					
18	1	Nitrate/Nitrite	Drinking Water	19.47	19.47
19	1	Sodium	Drinking Water	25.66	25.66
20	1	Flouride	Drinking Water	19.47	19.47
21	1	Heterotrophic Plate Count (HPC)	Drinking Water	15.04	15.04
22	1	Adverse Water Reporting Fee	Drinking Water	35.40	35.40

Samples requiring delivery may be couriered via Caduceon's account. Call for account number.

All submissions must have a completed c-o-c form indicating report recipient name and address, invoicing information (if different from recipient), P.O. Number &/or Project Number, Caduceon Quotation Number and analysis requested.

Caduceon is a member of the Canadian Association for Laboratory Accreditation (C.A.L.A.) and participates in the performance evaluation program for a list of parameters registered with the association.

The Laboratory complies with the requirements of ISO/IEC Guide 17025.

See Scope of Accreditation for a list of tests.

This quote is intended for the addressee shown on this form only, and may contain information which is confidential and privileged, any disclosure, copying, distribution or use of the contents of the quote without the consent of CADUCEON Environmental Laboratories is prohibited.

All 243 Clients must submit a cheque with sample submission in the amount of the above stated pricing for which ever pricing applies, sign a consent form for their current VISA/Mastercard Card number and expiry date to be charged one time at completion of testing/reporting or cash in the exact amount. For Clients who submit payment for the Bacteria testing please be advised that you may still be billed for an Adverse Water Reporting Fee should we encounter an adverse upon testing.

Laboratory Locations

Kingston - 285 Dalton Ave. Kingston, ON K7K 6Z1 Tel: (613) 544-2001 Fax: (613) 544-2770

Ottawa - 2378 Holly Lane Ottawa, ON K1V 7P1 Tel: (613) 526-0123 Fax: (613) 526-1244

Richmond Hill - 110 West Beaver Creek Road (Unit 14), Richmond Hill, ON L4B 1J9 Tel: (289) 475-5442 Fax: (866) 562-1963

Windsor - #5-3201 Marentette Ave. Windsor, ON N8X 4G3 Tel: (519) 966-9541 Fax: (519) 966-9567

**Chain-of-Custody Required Sample Submission Information
(OSDWA Regulated Samples)**

Ref #	Chain of Custody Sections	Required information to be entered
1	Laboratory ID & Contact Information	Caduceon Organization logo and addresses
2	Indicate Laboratory Samples are Submitted to	Check box of laboratory location receiving samples
3	Drinking Water Facility Classification	Check boxes to indicate classification and regulation
4	Turn Around Time Requested	Check box to indicate turnaround time required
5	Organization	Enter waterworks/organization name
6	Contact	Enter name of contact to appear on report
7	Tel	Enter your organization phone number
8	Fax	Enter your organization fax number
9	After Hours Tel	Enter emergency contact phone number
10	Public Health Unit	Enter name of local ministry of health unit
11	E-mail	Enter E-mail address the report is to be sent to
12	Waterworks Address	Enter full waterworks civic address
13	Waterworks No	Enter waterworks number or NA if none assigned
14	Quote No	(optional) Enter your quote number
15	Invoicing Address	Enter invoicing address if different from water works address
16	Project Name/No. and P.O.No.	(optional) Enter your project and P.O information
17	Analyses Requested	Lists the typical tests performed (note: P/A or presence absence test is for Kingston clients only)
18	Report Number - Laboratory Submission ID	(Lab Use Only) Laboratory assigned report No.
19	Sample Source and/or Identification	Enter samples names to appear on report
20	Watertrax S.P.L.	Watertrax members only - please indicate your S.P.L for each sample
21	Sample Matrix	Enter the DWIS ID (Raw,TW, DW, etc...) see legend 21a
22	Date Collected	Enter date samples were collected (Note format yy-mm-dd)
23	Time Collected	Enter time samples were collected
24	Adverse Resample	Enter Y - yes only if sample was collected under adverse resampling requirements. Otherwise enter N - no
25	Indicate Tests For Each Sample By Using A Check Mark In The Box Provided	Mark corresponding tests required for each sample entered in section 19
26	Chlorine Levels	(optional) Enter your chlorine results if available
27	# Bottles\Sample	Enter the number of bottles submitted per sample
28	LSN Completion Check	Check box to indicate if your LSN forms have been completed and sent to MOE/PHU
29	Sampled By (Print/Sign)	Print and sign the name of the person who collected the samples
30	Submitted By (Print/Sign)	Print and sign the name of the person submitting the samples
31	Date(yy-mm-dd)/Time	Enter the date and time the samples were sampled and submitted or shipped to the laboratory (Note format yy-mm-dd)
32	Shipping Information	Indicate how the samples were delivered to the lab and the number of containers shipped. (invoice box is for lab use only)
33	Reporting/Invoicing	Check appropriate boxes to indicate how reports and invoices are to be sent.
34	Received By (Lab Use Only)	(Lab Use Only) name and signature of staff receiving the samples
35	Date & Time Received (Lab Use Only)	(Lab Use Only) date and time samples were received by laboratory (note: Rush TAT requests received prior to 3 pm start from this time and date.)
36	Conditions of Samples Received (Lab Use Only)	(Lab Use Only) lab staff will indicate samples conditions at time of arrival
37	Page ___ of ___ (Number of pages to C of C)	Enter number of chain of custodies that make up one submission (ex.1 of 1, 1 of 2 and 2 of 2)
38	DW- Shipment/Tracking No. or CofC No.	If blank enter a unique number such as WW acronym and date (yy-mm-dd) (ex. Cad100525)

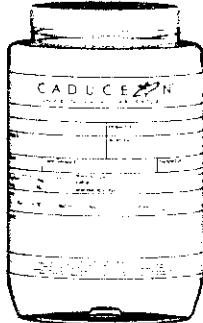
- Highlighted items are minimum requirements to meet MOE O. Reg. 248/03 s. 10 (2)
- Other items are fields requiring information by Caduceon Environmental Laboratories unless indicated as optional

Drinking Water Bottle Requirements

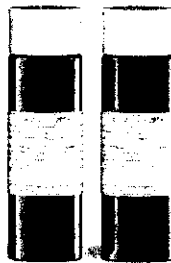
Item #	Analysis	Sample Location	Bottle and Preservation
1	Total Coliforms (& Background Colonies) <i>Escherichia coli</i> (E. coli) Heterotrophic Plate Count	Treated & Distribution	1 x 200 mL Sterile with Sodium Thiosulfate
2	Total Coliforms (& Background Colonies) <i>Escherichia coli</i> (E. coli)	Raw	1 x 200 mL Sterile with Sodium Thiosulfate
3	Nitrate & Nitrite (as N) (quarterly)	Treated	1 x 500 mL Plastic
4	Trihalomethanes (quarterly if chlorination system used)	Distribution	2 x 40 mL Vials (no headspace)
5	Schedule 23: Inorganic Parameters (Sb,As,Ba,B,Cd,Cr,Hg,Se,U)	Treated	1 x 250 mL Plastic HNO ₃ 1 x 250 mL Glass HNO ₃ , K ₂ Cr ₂ O ₇
6	Schedule 24: Semivolatiles and Volatile Organics (incl. Pesticides, Herbicides, PCB's & Benzo(a)pyrene)	Treated	5 x 1L Glass amber 1 x 1L Plastic 2 x 40 mL Vials (no headspace)
7	Fluoride	Treated	1 x 500 mL Plastic (can be sampled with Item 3)
8	Sodium	Treated	1 x 250 mL Plastic HNO ₃ (can be sampled with Item 5)
9a	Lead	Distribution	1 x 250 mL Plastic HNO ₃
9b	Alkalinity	Distribution	1 x 120 mL Plastic
10	Lead (Standing & Flushed)	Plumbing	2 x 1L Plastic HNO ₃



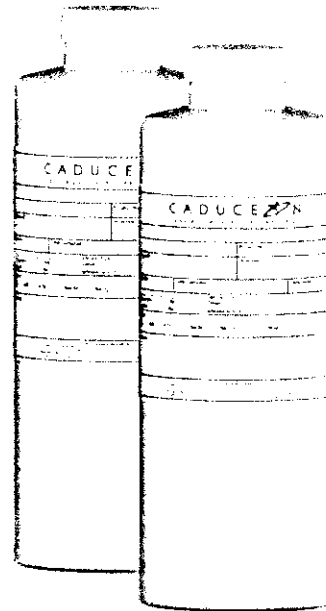
200 mL, sterile with sodium thiosulfate



500 mL Plastic



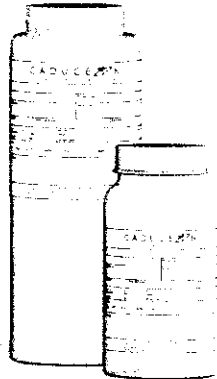
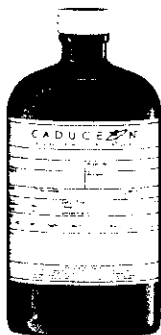
40 mL amber Vials



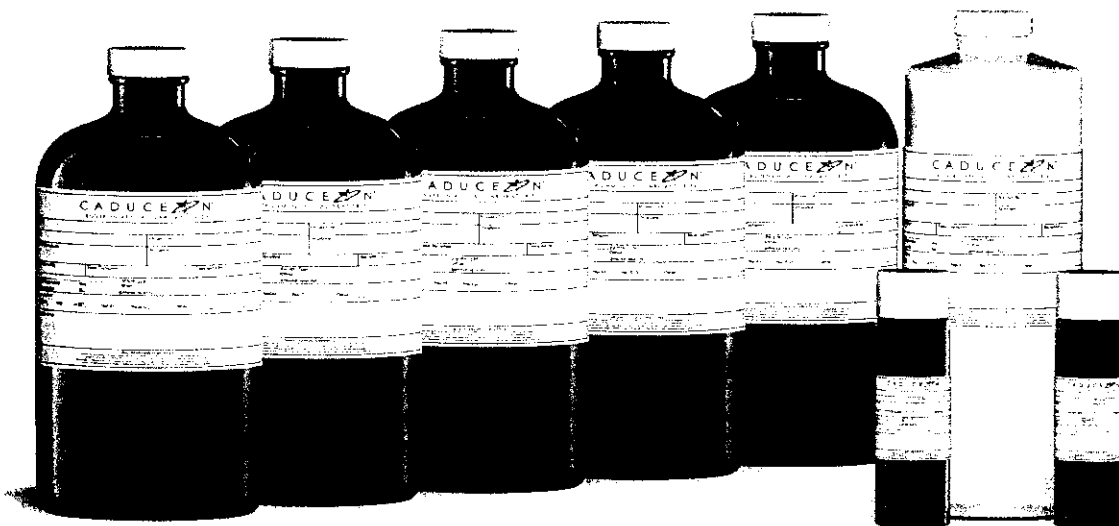
2 x 1L Plastic HNO₃



250 mL Plastic HNO₃
250 mL Glass amber HNO₃, K₂Cr₂O₇



250 mL plastic HNO₃
120 mL plastic



5 x 1L Glass amber, 1L Plastic, 2 x 40 mL amber Vials

1 DRINKING WATER SUBMISSION FORM				DRINKING WATER FACILITY CLASSIFICATION				REPORT NUMBER (Lab Use)							
				3 <input type="checkbox"/> Municipal <input type="checkbox"/> Non-Municipal <input type="checkbox"/> Reg. 170/03 <input type="checkbox"/> Large <input type="checkbox"/> Small <input type="checkbox"/> Reg. 318/08 & 319/08 <input type="checkbox"/> Residential <input type="checkbox"/> Non-Residential <input type="checkbox"/> Reg. 243/07 <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input type="checkbox"/> Private Well Water <input type="checkbox"/> Other:				18							
2 Indicate Laboratory Samples are Submitted to <input type="checkbox"/> Kingston <input type="checkbox"/> Ottawa <input type="checkbox"/> Peterborough <input type="checkbox"/> Windsor															
5 Organization:			12 Waterworks Address:			15 Invoicing Address (if different):			ANALYSES REQUESTED			TURNAROUND TIME REQUESTED			
6 Contact:			13 Waterworks No.			16 Project Name/No.			17			<input type="checkbox"/> Rush 24 Hr 100% Surcharge <input type="checkbox"/> Rush 48 Hr 50% Surcharge <input type="checkbox"/> Rush 72 Hr 25% Surcharge <input type="checkbox"/> 5-7 Day Standard Specific Date 4			
7 Tel:		8 Fax:													
9 After Hours Tel:		10 Public Health Unit:	14 Quote No.:			16 P.O. No.:									
11 Email:															
21a * Sample Matrix Legend: TW = Treated Water DW = Distribution Water GW = Raw Groundwater SW = Raw Surface Water UGW = Untreated Groundwater (Drinking Water/Distribution) GUDI = Groundwater under the influence of surface water PR = Plumbing Residential PNR = Plumbing Non-Residential															
21b	19	20	21	22	23	24	25					26	27		
28 Has Lab Service Notification (LSN) Form been completed & submitted to the MOE/PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Laboratory Analysis will not commence until all Notification information is received and the Submission form is appropriately completed															
SAMPLE SUBMISSION INFORMATION			SHIPPING INFORMATION			REPORTING / INVOICING			SAMPLE RECEIVING INFORMATION (LABORATORY USE ONLY)						
Print: 29		Submitted by: 30		Courier (Client account) <input type="checkbox"/>		Invoice <input type="checkbox"/>		Results by Fax <input type="checkbox"/>		Received By (print): 34			Signature:		
Sign: 31		Courier (Caduceon account) <input type="checkbox"/>		Drop Off <input type="checkbox"/>		# of Pieces <input type="checkbox"/> 32		Results by Email <input type="checkbox"/>		Date Received (yy-mm-dd): 35			Time Received:		
Date (yy-mm-dd)/Time:		Date (yy-mm-dd)/Time:		Caduceon (Pick-up) <input type="checkbox"/>		Invoice by Mail <input type="checkbox"/>		Invoice by Email <input type="checkbox"/>		Laboratory Prepared Bottles: <input type="checkbox"/> Yes <input type="checkbox"/> No			Comments:		
										Sample Temperature °C: 36			Labeled by:		
1 Ontario Laboratory Locations/Shipping Addresses Kingston Lab - 285 Dalton Ave., Kingston, ON K7K 6Z1, Tel: (613) 544-2001 Fax: (613) 544-2770 Email: contactkingston@caduceonlabs.com Ottawa Lab - 2378 Holly Lane, Ottawa, ON K1V 7P1, Tel: (613) 526-0123 Fax: (613) 526-1244 Email: contactottawa@caduceonlabs.com Peterborough Lab - #206-160 Charlotte St., Peterborough, ON K9J 2T8, Tel: (705) 748-1506 Fax: (705) 748-6514 Email: contactpeterborough@caduceonlabs.com Windsor Lab - #5-3201 Marentette Ave., Windsor, ON N8X 4G3, Tel: (519) 966-9541 Fax: (519) 966-9567 Email: contactwindsor@caduceonlabs.com															
										Page 37		DW 38			

White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy

Co/C DW, Sep 2009 Revision No 7

Ontario Regulation 243/07
Lead in Drinking Water (Schools, Private Schools and Day Nurseries)

Lead in Flushed & Standing Drinking Water Samples

- Shaded areas for Laboratory use only
- Copy second page for additional samples

* CREDIT CARD AUTHORIZATION FORM RECEIVED *

Submission ID B12-27274	Sample Submission (please check all that apply in submission):	Page 1 of 2
	<input type="checkbox"/> Regulated School Samples <input type="checkbox"/> Regulated Private School Samples <input checked="" type="checkbox"/> Regulated Day Nurseries Samples	Priority

NOTE: All samples submitted are samples for human consumption only.

Regulated School, Private School and Day Nursery Drinking Water Samples - Lead Analysis
Where lead test results are found to exceed the Ontario Drinking Water Quality Standard (10 µg/L), licensed laboratories are required to report the adverse test results as per the SDWA 2002 using the Ministry's Laboratory Exceedance Notification Form (LEN). Laboratories are also required to electronically submit these regulated results (whether adverse or not) to the Ministry as per direction.

Sample Submission Comments	Date of Sample Submission			
	YYYY	MM	DD	Time (hh:mm) am/pm
	2012	10	24	8:05
Facility Name Bettye Hyde Cooperative N.S. 317 Chapel St. OTTAWA K1N7Z2	SFIS# (or Private School/Day Nursery Identifier) DSW# 500120979			
Tel.No. (Area Code) 613-236-3108	Fax.No. (Area Code) email bettyehydeottawa@gmail.com			
Submitted by (Last Name, First Name) MITCHELL, CINDY	Signature X <i>C Mitchell</i>			
Received by (Last Name, First Name) CLARKIN, GLEN	Signature X <i>Glen Clarkin</i>			

Request for Lead Analysis				
NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)				
Sample Type:				
<input type="checkbox"/> Regulated Flushed Sample	<input type="checkbox"/> Linked Resample*	* Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Regulated Standing Sample	<input type="checkbox"/> Linked Resample**	** Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample Collection Comments standing sample 7:25 a.m. flushed 6 minutes flushed sample	Date of Sample Collection			
	YYYY	MM	DD	Time (hh:mm) am/pm
	2012	10	24	7:25
Field Sample ID STANDING	Sample No. 1	Containers Sent 1	Containers Missing	
Sample Location Description (please be as specific as possible) Nursery School in the basement of the All Saints Anglican Church 317 Chapel St. Ottawa Sink is in the kitchen used by our school.				

DW27274

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

YYYY	MM	DD	Time (hh:mm) am/pm
2012	10	24	8:02

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Flushed

2.

Sample Location Description (please be as specific as possible)

All Saints Anglican Church basement
Landlord for Bettye Hyde Cooperative
317 Chapel St. Ottawa K1N 7Z2

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

YYYY	MM	DD	Time (hh:mm) am/pm

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Sample Location Description (please be as specific as possible)

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

YYYY	MM	DD	Time (hh:mm) am/pm

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Sample Location Description (please be as specific as possible)

BIR-2774

Please photocopy this page if more space is needed

DRINKING WATER SUBMISSION FORM

CADUCEON

DRINKING WATER FACILITY CLASSIFICATION

- Municipal
- Large
- Residential
- Seasonal
- Other:
- Non-Municipal
- Small
- Non-Residential
- Year-Round
- Reg. 170/03
- Reg. 318/08 & 319/08
- Reg. 243/07
- Private Well Water

Oct-29-13
 B13-~~28459~~
 28459

Indicate Laboratory Samples are Submitted to

- Kingston
- Ottawa
- Richmond Hill
- Windsor

Organization: **GARDEN GATE PROGRAM**

Waterworks Address:

Inv. cing Address (if different):
**X 317 Chapel St
 Ottawa ON
 K1N-7Z2**

Contact: **YASMEEN OSMAN**

Tel: **(613) 794-8074**

Fax:

After Hours Tel: **(613) 941-5843**

Public Health Unit:

Waterworks No.: **500257934**

Project Name/No.:

E-mail: **gardengateprogram@gmail.com**

Quote No.:

P.O. No.:

ANALYSES REQUESTED

Microbiological				Chemical				Other	
Total Coliform (E.coli)	Background	Heterotrophic Plate Count	Fecal Coliform	Fluoride	Trihalomethanes	Nitrite, Nitrate as N	Sch. 23 Inorganics	Sch. 24 Organics	

TURNAROUND TIME REQUESTED

- Summary of Surcharges ***
- Platinum 200% - same day**
 - Gold 100% - 24 Hour
 - Silver 50% - 48 Hours
 - Bronze 25% - 72 Hours
 - Standard 5-7 days
 - Specific Date:

Sample Matrix Legend: TW = Treated Water DW = Distribution Water GW = Raw Groundwater SW = Raw Surface Water UGW = Untreated Groundwater (Drinking Water Distribution)
 GUDI = Groundwater under the influence of surface water PR = Plumbing Residential PNR = Plumbing Non-Residential ** Fastest possible TAT achievable (same day if applicable) *** See Caduceon General Turnaround Time Terms

Lab No	Sample Source and/or Sample Identification	Waterworks S.P.L.	Sample Matrix *	Date Collected (yy-mm-dd)	Time Collected	Adverse Resample	Indicate Test For Each Sample By Using A Check Mark In The Box Provided												Chlorine		Bottles* Sample		
							Total Coliform	Background	Heterotrophic Plate Count	Fecal Coliform	Fluoride	Trihalomethanes	Nitrite, Nitrate as N	Sch. 23 Inorganics	Sch. 24 Organics	Free	Total						
	KITCHEN - STANDING		PNR	13-10-29	8 ¹⁵																		
	KITCHEN - FLUSHED		PNR	13-10-29	8 ⁵¹																		

Cheque received \$90.00

Jabina Oct. 29.13

Has Lab Service Notification (LSN) Form been completed & submitted to the MOE/PHU? Yes No Not Applicable
 Laboratory Analysis will not commence until all Notification information is received and the Submission form is appropriately completed

SAMPLE SUBMISSION INFORMATION		SHIPPING INFORMATION		REPORTING / INVOICING		SAMPLE RECEIVING INFORMATION (LABORATORY USE ONLY)				
Sample by: YASMEEN OSMAN	Submitted by: YASMEEN OSMAN	Courier (Client account) <input type="checkbox"/>	Invoice <input type="checkbox"/>	Results by Fax <input type="checkbox"/>	Received By (print): Jabina	Signature: [Signature]	Date Received (yy-mm-dd): Oct. 29.13	Time Received: 3:19.	Laboratory Prepared Bottles: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Comments: 2 x 1L PB PH < 2
Print: YASMEEN OSMAN	Sign: Yas Osm	Courier (Caduceon account) <input type="checkbox"/>	# of Pieces: <input type="checkbox"/>	Results by Email <input checked="" type="checkbox"/>	Invoice by Email <input checked="" type="checkbox"/>	Sample Temperature °C:	Labeled by:			
Date (yy-mm-dd)/Time: 13/10/29	Date (yy-mm-dd)/Time: 13/10/29	Drop Off <input checked="" type="checkbox"/>	Caduceon (Pick-up) <input type="checkbox"/>	Invoice by Mail <input type="checkbox"/>						

Ontario Laboratory Locations/ Shipping Addresses
 Kingston Lab - 285 Dalton Ave., Kingston, ON K7K 6Z1, Tel: (613) 544-2001 Fax: (613) 544-2770 Email: contactkingston@caduceonlabs.com
 Ottawa Lab - 2378 Holly Lane, Ottawa, ON K1V 7P1, Tel: (613) 526-0123 Fax: (613) 526-1244 Email: contactottawa@caduceonlabs.com
 Richmond Hill Lab - #14-110 West Beaver Creek Rd., Richmond Hill, ON L4B 1J9, Tel: (223) 475-5442 Fax: (866) 562-1963 Email: contactrichmondhill@caduceonlabs.com
 Windsor Lab - #5-3201 Marquette Ave., Windsor, ON N6X 4G3, Tel: (519) 966-9541 Fax: (519) 966-9557 Email: contactwindsor@caduceonlabs.com

Page _____ of _____
 DW 55069

C.O.C.: DW 55069

REPORT No. B13-28459

Report To:

Garden Gate Program
 317 Chapel St.,
 Ottawa ON K1N 7Z2 Canada

Attention: Yasmeen Osman

Caduceon Environmental Laboratories

2378 Holly Lane
 Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 29-Oct-13

JOB/PROJECT NO.: R243 Garden Gate Program

DATE REPORTED: 30-Oct-13

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO. 500257934

Parameter	Lead				
Units	mg/L				
M.D.L.	0.00002				
Reference Method	EPA 200.8				
Date Analyzed/Site	30-Oct-13/O				
ODWS Objective:	0.01				
Type of Objective:	MAC				

Client I.D.	Sample I.D.	Date Collected	
Kitchen Tap - Standing	B13-28459-1	29-Oct-13	0.00041
Kitchen Tap - Flushed	B13-28459-2	29-Oct-13	0.00013

ODWS = Ontario Drinking Water Standards
 AO = Aesthetic Objective
 MAC = Maximum Acceptable Concentration
 OG = Operational Guideline
 IMAC = Interim Maximum Acceptable Concentration



Greg Clarkin, BSc., C. Chem
 Lab Manager - Ottawa District

M.D.L. = Method Detection Limit
 Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories

C.O.C.: DW27274

REPORT No. B12-27274

Report To:

Bettye Hyde Co-op Nursery School

317 Chapel St.,
 Ottawa ON, K1N 7Z2 Canada

Attention: Cindy Mitchell

Caduceon Environmental Laboratories

2378 Holly Lane
 Ottawa Ontario K1V 7P1
 Tel: 613-526-0123
 Fax: 613-526-1244

DATE RECEIVED: 24 Oct-12

DATE REPORTED: 25-Oct-12

SAMPLE MATRIX: Drinking Water

JOB/PROJECT NO.: R243 Bettye Hyde Co-op N.S.

P.O. NUMBER: SFIS # 03531

WATERWORKS NO. 500120979

Parameter	Lead				
Units	mg/L				
M.D.L.	0.00002				
Reference Method	EPA 200.8				
Date Analyzed/Site	25-Oct-12/O				
ODWS Objective:	0.01				
Type of Objective:	MAC				

Client I.D.	Sample I.D.	Date Collected	
Kitchen in Basement - Standing	B12-27274-1	24-Oct-12	0.00076
Kitchen in Basement - Flushed	B12-27274-2	24-Oct-12	0.00049

ODWS = Ontario Drinking Water Standards
 AO = Aesthetic Objective
 MAC = Maximum Acceptable Concentration
 OG = Operational Guideline
 IMAC = Interim Maximum Acceptable Concentration

M.D.L. = Method Detection Limit
 Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill



Greg Clarkin, BSc., C. Chem
 Lab Manager - Ottawa District

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories

Annual Sampling and Testing for Lead – Schools, Private Schools and Day Nurseries – O. Reg. 243/07

The operator of a school, private school or day nursery to which this protocol applies shall ensure that two one-litre samples of cold water are taken at least once in each year in accordance with the following rules:

1. The samples must be taken,
 - i. Between May 1 and October 31, if the samples are taken from a day nursery, or
 - ii. Between June 15 and August 15, if the samples are taken from a school or private school.
2. Both samples must be taken from the same tap.
3. If the tap from which the samples are to be taken has an aerator, the aerator must not be removed while the samples are being taken.
4. If a filter or other device that treats water is installed on or near the tap from which the samples are taken and it is practicable to bypass the filter or other device without removing it, the filter or other device must be bypassed while the samples are being taken.
5. The samples must be taken from,
 - i. A kitchen tap, if the samples are taken from a day nursery that has a kitchen tap, or
 - ii. A tap that is commonly used to provide water for consumption by children under 18 years of age, in any other case.
6. If there is more than one tap that meets the requirements in subparagraphs 5 i or 5 ii and one of those taps is more likely than the others to be served by lead plumbing or plumbing that contains lead solder, the samples must be taken from the tap that is most likely to be served by lead plumbing or plumbing that contains lead solder.
7. If a filter or other device that treats water is installed on or near the tap that has been selected for sampling in accordance with paragraphs 5 and 6 and it is not practicable to bypass the filter or other device without removing it, before the start of the period referred to in subparagraph 7 i or ii,
 - i. the filter or other device must be removed, and
 - ii. the tap must be turned on for at least five minutes.
8. The first, "Standing", sample to be taken must be taken in accordance with the following rules:
 - i. If it is practicable to take the sample immediately after a period of six hours or more when the plumbing is not used, the sample must be taken immediately after that period.
 - ii. If subparagraph i does not apply, the sample must be taken immediately after the longest period when the plumbing is not used for which it is practicable to take the sample.
 - iii. The sample must be taken immediately after the period referred to in subparagraph i or ii and before the plumbing is flushed as detailed in sections 3 and 4 of O. Reg. 243/07.
 - iv. Record the sample ID, the date and the time collected in the appropriate cells on the bottle label.
9. The second, "Flushed", sample to be taken must be taken in accordance with the following rules:
 - i. Following the collection of the first samples and before taking the second sample, the tap must be turned on for at least five minutes, and then turned off and left unused for a period of at least 30 but not more than 35 minutes.
 - ii. If practicable, the plumbing must not be used during the period of at least 30 but not more than 35 minutes that is referred to in subparagraph i.

Laboratory Locations

Kingston - 285 Dalton Ave. Kingston, ON K7K 6Z1 Tel: (613) 544-2001 Fax: (613) 544-2770
Ottawa - 2378 Holly Lane Ottawa, ON K1V 7P1 Tel: (613) 526-0123 Fax: (613) 526-1244
Peterborough - #206-160 Charlotte St. Peterborough, ON K9J 2T8 Tel: (705) 748-1506 Fax: (705) 748-6514
Windsor - #5-3201 Marentette Ave. Windsor, ON N8X 4G3 Tel: (519) 966-9541 Fax: (519) 966-9567
Moncton - 150 Lutz St. Moncton, NB E1C 5F9 Tel: (506) 855-6472 Fax: (506) 855-8294

CADUCEON™

ENVIRONMENTAL LABORATORIES

-
- iii. The second sample must be taken immediately after the period of at least 30 but not more than 35 minutes that is referred to in subparagraph i.
 - iv. Record the sample ID, the date and the time collected in the appropriate cells on the bottle label.
10. Each sample must be taken during a single continuous period and must include the first water that comes out when the tap is turned on to take the sample.
 11. Each sample must be taken with water flowing at a rate that approximates normal use, without permitting water to splash out of the container in which the sample is being collected.
 12. A record must be made of the date and time each sample was taken, an estimate of the length of the period referred to in subparagraph 8 i or ii, the location in the school, private school or day nursery where the sample was taken and the name of the person who took the sample.

Be sure to fill out the pertinent information on each bottle label immediately after sample collection (i.e. sample I.D., date and time of sampling and samplers initials). After completion of sampling please ensure that all of the information on the bottle labels is transferred onto the chain-of-custody form prior to submission of the samples to the laboratory.

Be careful only to fill the bottle to where the neck starts to taper, thereby avoiding contact with nitric acid. If you should come into contact with the acid, immediately flush all affected areas thoroughly with water.

If you should have any questions regarding the contents of this letter, please do not hesitate to contact the undersigned.

Regards,



Greg Clarkin, Lab Manager - Ottawa District
Caduceon Environmental Laboratories
Tel: (613) 526-0123
Fax: (613) 526-1244
E-mail: gclarkin@caduceonlabs.com

Laboratory Locations

Kingston - 285 Dalton Ave. Kingston, ON K7K 6Z1 Tel: (613) 544-2001 Fax: (613) 544-2770
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Peterborough - #206-160 Charlotte St. Peterborough, ON K9J 2T8 Tel: (705) 748-1506 Fax: (705) 748-6514
Windsor - #5-3201 Marentette Ave. Windsor, ON N8X 4G3 Tel: (519) 966-9541 Fax: (519) 966-9567
Moncton - 150 Lutiz St. Moncton, NB E1C 5F9 Tel: (506) 855-6472 Fax: (506) 855-8294

000070

Tuesday April 19, 2011

To all Ontario Regulation 319 and Ontario Regulation 243 clients:

Caduceon is now requesting payment in advance for any Ontario Regulation 243 and/or Ontario Regulation 319 Clients. Results will not be reported until payments have been processed!

For your convenience we have two payment options available. You can fill out one of our Credit Card Authorization forms or you may submit a cheque in the appropriate amount according to the applicable quotation.

Please be advised that even though you submit a cheque in the designated amount you may still be billed for additional fees should we encounter an adverse. Those fees are also listed in the quotations for your reference.

If you have any questions or concerns you may contact Kassey Knight at our Kingston, ON office by phone (613) 544-2001 or by email kknight@caduceonlabs.com

We would like to thank you in advance for your co-operation and understanding in the matter.

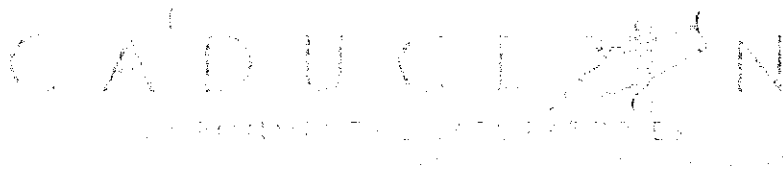
Thank you,

Marketing & Invoicing Departments
Caduceon Environmental Laboratories
285 Dalton Avenue
Kingston, ON K7K 6Z1

Laboratory Locations

Kingston - 285 Dalton Ave. Kingston, ON K7K 6Z1 Tel: (613) 544-2001 Fax: (613) 544-2770
Ottawa - 2378 Holly Lane Ottawa, ON K1V 7P1 Tel: (613) 526-0123 Fax: (613) 526-1244
Richmond Hill - #14-110 West Beaver Creek, Richmond Hill, ON L4B 1J9 Tel: (289) 475-5442 Fax: (866) 562-1963
Windsor - #5-3201 Marentette Ave. Windsor, ON N8X 4G3 Tel: (519) 966-9541 Fax: (519) 966-9567

000071



Credit Card Authorization Form:

Company and/or Location: _____

Type of Card: VISA or MASTERCARD Circle One

Name as it appears on the card _____

Card Number _____

Expiry Date _____

Please choose below whether you would like to authorize Caduceon to charge your credit card on a submission basis for continued services rendered. Or whether you would like to only specifically pay for the current date specified.

By signing below I _____, hereby acknowledge
Please print clearly

Caduceon will charge my credit card on a submission basis for the duration of services rendered.

Signature _____ Date: _____

I _____, hereby acknowledge Caduceon may only
Please print clearly
charge my credit card on this date (date of submission) for this one time testing.

Signature _____ Date: _____

Rev2, May 29, 2012

Laboratory Locations

Kingston - 285 Dalton Ave. Kingston, ON K7K 6Z1 Tel: (613) 544-2001 Fax: (613) 544-2770

Ottawa - 2378 Holly Lane Ottawa, ON K1V 7P1 Tel: (613) 526-0123 Fax: (613) 526-1244

Richmond Hill - #14-110 West Beaver Creek, Richmond Hill, ON L4B 1J9 Tel: (289) 475-5442 Fax: (866) 562-1963

Windsor - #5-3201 Marentette Ave. Windsor, ON N8X 4G3 Tel: (519) 966-9541 Fax: (519) 966-9567

12:00 p.m. Friday
August 8, 2014

Interview Questions to ask:

Garden Gate Program
Person Interviewed: Yasmeen Osman
Interview Date: Friday August 8, 2014
Interview time: ~~9:30am~~ Reception
Phone number: (613) 794-8074

E/LSN update
Changes.
7 pm/11am

1. At what time does the day nursery open to children?

8:30 a.m. ~~8:15 a.m.~~

2. The flushing logs you've faxed to this office indicate that a daily flush of plumbing for 10 minutes sometimes longer performed at a tap. Where is the tap located?

Kitchen

3. Who is it that performs daily flushing? (full names)

Yasmeen Osman conducts the flushing.

4. Does your laboratory provide instructions regarding sample collection?

Yes Yasmeen collects samples

5. Do stored records include a copy of the sample submission-chain of custody form that accompanies samples sent to the laboratory?

Yes

6. Is a copy of Ontario regulation 243/07 included with stored records?

Yes.

7. Can you describe the sampling procedure you have in place?"

Follows instructions

8. Confirm that the Dossier Report is up to date?

Yes No.

9. When was the building constructed?

1930s before 1996

↳ 2007 dirt samples re-dated
Before Hilde Copeland
Museum site. 000073

Yateman, Laura (ENE)

From: Yasmeen Osman <gardengateprogram@gmail.com>
Sent: August-06-14 8:28 PM
To: Yateman, Laura (ENE)
Subject: Fwd: O. Reg. 243 - Final Report & Associated Paperwork
Attachments: B13-28459_R.PDF; B13-28459.pdf; Drinking Water Samples Collection_Ver3.pdf; OReg243_Lead Sampling Protocol.doc; 2a. CofC required submission info_Rev7.pdf; 2b. CofC_DW_Rev 7_INFO.PDF; 2013_Reg.243_Lead.pdf; Credit Card Authorization Form Rev.2.pdf; 319-243 Client Payment options.doc

----- Forwarded message -----

From: **Greg Clarkin** <gclarkin@caduceonlabs.com>
Date: Wed, Oct 30, 2013 at 11:20 AM
Subject: O. Reg. 243 - Final Report & Associated Paperwork
To: gardengateprogram@gmail.com

Hi Yasmeen,

Report B13-28459 attached for your review.

In addition, please find attached the following documents for your review/record keeping:

- O. Reg. 243 Lead Sampling protocol (MS Word)
- Our 2013 O. Reg. 243 Price List.
- O. Reg. 243/319 – Client Payment Options (MS Word)
- A Credit Card Authorization (pdf format) that we require you complete prior to us commencing with the testing of your water.
- Two pdf files with detailed instructions on completing the Drinking Water Submission form that will accompany the samples.

Feel free to give me a shout at the coordinates below should you have any questions regarding the contents of this e-mail.

Greg Clarkin
10000 Macleod Trail, Suite 100
Edmonton, Alberta T6C 1A9
Canada
Tel: 780-441-1111
Fax: 780-441-1112

(613) 729-9765

www.1111.com/Canada/1111

Your feedback is extremely important to us. Follow the link below to complete our customer satisfaction survey:

http://www.1111.com/Canada/1111/Customer_Satisfaction_Survey.asp

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Yateman, Laura (ENE)

From: Yasmeen Osman <gardengateprogram@gmail.com>
Sent: August-06-14 8:41 PM
To: Yateman, Laura (ENE)
Subject: Fwd: FW: O. Reg. 243 - Final Report
Attachments: B12-27274_R.pdf; B12-27274.pdf

----- Forwarded message -----

From: **Yasmeen Osman** <yasmeen_osman@hotmail.com>
Date: Wed, Aug 6, 2014 at 8:38 PM
Subject: FW: O. Reg. 243 - Final Report
To: "gardengateprogram@gmail.com" <gardengateprogram@gmail.com>

Date: Thu, 25 Oct 2012 13:22:53 -0400
Subject: Fwd: O. Reg. 243 - Final Report
From: bettychildeottawa@gmail.com
To: yasmeen_osman@hotmail.com

Hi Yasmeen,
here is the report for your records.
The amount charged was- \$85.73
Your half will be \$42.86
Thanks,
Cindy

----- Forwarded message -----

From: **Greg Clarkin** <gclarkin@caduceonline.com>
Date: Thu, Oct 25, 2012 at 11:41 AM
Subject: O. Reg. 243 - Final Report
To: bettychildeottawa@gmail.com

Report B12-27274 attached for your review.

DWS Relationship

Relationship Type:	Primary DWS	DWS #	DWS Address	DWS End Date	DWS Name	DWS Owner	Effective Date	Expiry Date	Expiry Reason
CO-LOCATED FACILITIES - 1		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE EARLY LEARNING CENTRE	8/1/2013		
SHARING SAMPLES - 2		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE EARLY LEARNING CENTRE	8/1/2013		
CO-LOCATED FACILITIES - 1		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE EARLY LEARNING CENTRE	8/1/2013		
SHARING SAMPLES - 2		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE EARLY LEARNING CENTRE	8/1/2013		
CO-LOCATED FACILITIES - 1		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL	8/1/2013		
SHARING SAMPLES - 2		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL	8/1/2013		
CO-LOCATED FACILITIES - 1		500120979	317 Chapel St., Ottawa, Ontario,		R243 BETTYE HYDE CO-OPERATIVE NURSERY	BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL	8/1/2013		

Relationship Type:	Primary DWS	DWS #	DWS Address	DWS End Date	DWS Name	DWS Owner	Effective Date	Expiry Date	Expiry Reason
			K1N 7Z2 Canada		SCHOOL (03531)				
SHARING SAMPLES - 2		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL	8/1/2013		
CO- LOCATED FACILITIES - 1		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL	8/1/2013		
SHARING SAMPLES - 2		500120979	317 Chapel St., Ottawa, Ontario, K1N 7Z2 Canada		R243 BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL (03531)	BETTYE HYDE CO- OPERATIVE NURSERY SCHOOL	8/1/2013		



Ministry of the Environment and Climate Change

R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)

Inspection Report

Site Number:	500120979
Inspection Number:	1-BC6U8
Date of Inspection:	
Inspected By:	MOE KINGSTON DISTRICT

OWNER INFORMATION:

Company Name:	BETTYE HYDE CO-OPERATIVE EARLY LEARNING CENTRE	Unit Identifier:	
Street Number:	43		
Street Name:	BLACKBURN Ave		
City:	OTTAWA		
Province:	ON	Postal Code:	K1N 8A4

CONTACT INFORMATION**INSPECTION DETAILS:**

Site Name:	R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)
Site Address:	317 CHAPEL ST OTTAWA K1N 7Z2
County/District:	Ottawa
MOECC District/Area Office:	Ottawa District
Health Unit:	CITY OF OTTAWA HEALTH DEPARTMENT
Conservation Authority:	
MNR Office:	
Site Number:	500120979
Inspection Type:	Announced
Inspection Number:	1-BC6U8
Date of Inspection:	
Date of Previous Inspection:	

COMPONENTS DESCRIPTION

Site (Name):	Bettye Hyde Co-operative Nursery School	Sub Type:	
Type:	Other		

Comments:

Bettye Hyde Co-operative Nursery School is a day nursery regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA). The day nursery is located in All Saints Anglican Church, in Ottawa, ON. The building is over 100 years old and is served by municipal drinking water.

INSPECTION SUMMARY:

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

Not Applicable

SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

Not Applicable

SIGNATURES

Inspected By:

MOE KINGSTON DISTRICT

Signature: (Provincial Officer)

Reviewed & Approved By:

James Mahoney

Signature: (Supervisor)

Review & Approval Date:

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

Mahoney, James (ENE)

SI-OT-OT-CH-500

From: Colis, Jason (ENE)
Sent: April-14-14 12:59 PM
To: bettyehydeottawa@gmail.com
Cc: Coelho-Murphy, Sonia (ENE); Wilkinson, Geoff (ENE); Hetherington, Stephen (ENE); Mahoney, James (ENE)
Subject: Registration revoked: Bettye Hude Co-operative Nursery School

Ministry of
the Environment

Ministère de
l'Environnement

Drinking Water Programs Branch

Direction des programmes liés à l'eau pot

2nd floor

2^e étage

40 St. Clair Ave W

40, avenue St. Clair Ouest

Toronto ON M4V 1M2

Toronto (Ontario) M4V 1M2

Tel: 416-314-0718

Fax: 416-314-8716



April 14, 2014

Bettye Hyde Co-Operative Nursery School
317 Chapel St., Ottawa ON, K1N 7Z2

Dear Cindy Mitchell,

Thank you for notifying the Ministry of the Environment regarding the status of your facility.

Please accept this letter as confirmation that the following drinking water registration has been revoked under Ontario Regulation 243/07.

DWIS#	School Name	Reason for Revocation
500120979	Bettye Hyde Co-Operative Nursery School	- No longer operating. Facility moved and is registered at new location (500361245)

Should you need additional information or assistance, please contact us through our toll free line at 1-866-793-2588 (Monday to Friday, 8:30 a.m. to 5:00 p.m.).

Thank you.

Jason Colis
Drinking Water Registration and Compliance Officer
Ministry Of The Environment - Drinking Water Programs Branch
40 St. Clair Ave. W, 2nd Floor, Toronto On M4v 1m2
Tel: 416-314-8706 Fax: 416-314-8716

Mahoney, James (ENE)

SI-OT-OT-CH-500

From: Colis, Jason (ENE)
Sent: April-09-14 3:32 PM
To: Hetherington, Stephen (ENE); Wilkinson, Geoff (ENE); Mahoney, James (ENE)
Subject: FW: End-date BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL - 500120979
Attachments: Scanned from a Xerox multifunction device.pdf

SP ID: 2042

500120979 will be end-dated (moved locations). Any concerns? Please advise.

Thank you,

Jason Colis

Drinking Water Registration & Compliance Officer Ministry of the Environment - Drinking Water Programs Branch

Please consider the environment before printing this email



Ontario Ministry of
the Environment

Registration and Laboratory Services Notification

Schools, Private Schools and Day Nurseries (O. Reg. 243/07)

Instructions for ALL FACILITIES

School/Private School/Day Nursery Operators must complete and submit this form to the Ministry prior to submitting drinking water samples to your contracted licensed laboratory for testing. This form must be re-submitted within 10 days of any change to the information provided on the form as per subsection 5(6) of O. Reg. 243/07.

Please complete this form and fax/email directly to:

Ministry of the Environment
Drinking Water Programs Branch

Fax: 416 314-8718

Email: reg170_formsubmission.moe@ontario.ca

If you require assistance in completing the form, please call
1 888 793-2588 (toll free).

The most current version of this form is posted on the
Ministry of the Environment's Drinking Water Ontario
website at www.ontario.ca/drinkingwater

Form Submission Information (please check all that apply)

- This is my first submission
- I wish to update my facility information
- I wish to notify the Ministry that I am changing licensed laboratories for my drinking water testing
- I wish to notify the Ministry that I am adding another laboratory for my drinking water testing

Section 1: Schools, Private Schools and Day Nurseries Information

Name of School/Day Nursery

Type

- School Private School Day Nursery
- SFIS No. _____ (if known) SFIS No. _____ (if known) License No. 55280

Interested Authority

- Ministry of Education Ministry of Children and Youth Services Other

Drinking Water Information System (DWIS) No. (MOE Number if previously applied for)

5(X)12(979)

Location of School/Day Nursery

Unit No	Street No	Street Name	PO Box
	43	Blackburn Avenue	
Rural Route	Lot/Part/Block/Section		Concession/Plan
City/Town/Municipality		Province	Postal Code
Ottawa		Ontario	K1N 8A4
Contact Information			
Last Name		First Name	
Mitchell		Cindy	
Position			
Director			
Telephone No. (including area code)		Ext.	Fax No. (including area code)
613-236-3108			613-236-3108
Email Address			
bettyehydeottawa@gmail.com			

Additional Information (Use this space if you wish to add any additional information)

We have moved to a new location at 43 Blackburn Ave.

We used to be located in the All Saints Church at 317 Chapel Street Ottawa K1N 7Z2

Section 2: School/Day Nursery Operator Information (if different than Section 1)

Legal Name of School/Day Nursery Operator (i.e. school board/private school or individual/corporation who holds the licence for the day nursery)

The Bettye Hyde Co-operative Early Learning Centre

Operator Contact Name

Cindy Mitchell

Unit No.	Street No.	Street Name	PO Box
	43	blackburn Avenue	

Rural Route	Lot/Part/Block/Section	Concession/Plan

City/Town/Municipality	Province	Postal Code
Ottawa	Ontario	K1N 8A4

Business Telephone No. (including area code)	Ext.	Fax No. (including area code)
613-236-3108		613-236-3108

Email Address
bettyehydeottawa@gmail.com

Section 3: Co-location Information (if applicable)

"Co-located Facilities":

Facilities are "co-located" if more than one school, private school, or day nursery is served by the same plumbing. The facilities may be either located in one building (structure) or located in different buildings within one property.

My School/ Private School/ Day Nursery is co-located with another O. Reg. 243/07 facility, as listed below.

Facility Name	Facility DWS #	Check below if applicable
		<input type="checkbox"/> Yes, we are sharing lead sample results
Facility Name (if more than one)	Facility DWS #	<input type="checkbox"/> Yes, we are sharing lead sample results
Facility Name (if more than two)	Facility DWS #	<input type="checkbox"/> Yes, we are sharing lead sample results

If more facilities are co-located with your School /Day Nursery, please fill out as many Section 3 of the form as needed and attach additional sheets.

Section 4: Identification of Licensed Laboratory and Lead Testing

Subsection 5 (5) of O. Reg. 243/07 requires the identification of any contracted licensed laboratory(s) hired to perform lead testing.

The listing of licensed laboratories can be found on: <http://www.ontario.ca/drinkingwater/271380.pdf>

Please check one of the following:

- The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be using the laboratory identified below for lead testing
- The facility (identified in section 1) will be sampling as required by O.Reg.243/07 and will be sharing samples with the co-located facility/facilities as indicated in section 3 of this form and will be using the laboratory identified below for lead testing
- The facility (identified in section 1) does not perform its own sampling because it is sharing sample results with the co-located facility indicated in section 3 of this form.

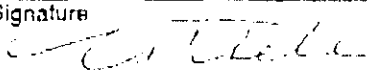
Failure to notify the parties in accordance with the Regulation and/or submission of false information constitutes an offence.

Name/Contact Information of Licensed Laboratory Performing Lead Testing
(Your licensed laboratory can assist with completing this section of the form)

Laboratory Name Caduceon Environmental Laboratories			Licence Number 4355
Unit No	Street No 2378	Street Name Holly Lane	PO Box
City/Town/Municipality Ottawa		Province Ontario	Postal Code K1V 7P1

Please specify additional testing identified in MOE (Certificate of Approval, Order or Direction)

I declare that the information provided on this form is accurate.

Prepared by		
Last Name Mitchell	First Name Cindy	Middle Initial J
Signature 	Date (yyyy/mm/dd) 2014/03/17	Telephone No. (including area code) 613-236-3108

Collection of information on this form by staff of the Drinking Water Management Division on behalf of the Ministry of the Environment is in accordance with the Safe Drinking Water Act, 2002 (SDWA) and its regulations. The collection, use and dissemination of this information are governed by the Freedom of Information and Protection of Privacy Act (FOIPPA). The information gathered herein will be used for the purpose of registration and compliance and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees and the Ministry of Health and Long Term Care pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety. For questions and concerns, please contact the Ministry of the Environment at 1 866 793-2588.



Apr. 2, '05 → Collected re: samples

Aug. 19 - LM to CB re: inspection

- "closed for July + August"

Aug. 29/08 - Rec'd msg from County Health

Sept. 2/08 - LM to CB - 11:50 am.

" - Sched. insp Sept 8/08 - 1:00 pm

Sept. 8 - insp.

" - called Kate Carradine

- LM + sent email to County

Sept. 19 → Draft $\frac{1}{2}$ done

Sept. 22 - 1st draft → Natalie

Oct. 3/08 - Final → Natalie

Oct. 30/08 - Rec'd sample results, flushing record. LM to CB (re: sample record, LSU).

- Spoke to CM - she submitted LSU, requested sample record

Nov. 4 - LM + sent email → sample record please send.

Nov. 12 - Rec'd letter w/ sample record.

* Close file *

Beaty, Taran (ENE)

From: Reg170Formsubmission, Reg170 (ENE)
Sent: December 16, 2009 3:06 PM
To: Beaty, Taran (ENE)
Subject: FW: O. Reg. 243 - Final Report
Attachments: B09-37311_R.pdf

From: Administrator Bettye Hyde [mailto:bettyehydeottawa@gmail.com]
Sent: December 15, 2009 6:37 PM
To: Reg170Formsubmission, Reg170 (ENE)
Subject: Fwd: O. Reg. 243 - Final Report

Hello,
Please find attached our annual "water sample report" required under the Day Nurseries Act (O.Reg.243/07).
Our email address is;
bettyehydeottawa@gmail.com
Our mailing address is
317 Chapel St.
Ottawa, Ont.
K1N 7Z2
ph.#613- 236-3108

Thank-you.
Cindy Mitchell
Director
Bettye Hyde Cooperative Nursery School

Subject: O. Reg. 243 - Final Report
To: Cindy Mitchell <bettyehydeottawa@gmail.com>

Report B09-37311 attached for your review.

Greg Clarkin, B.Sc., C. Chem
Laboratory Manager - Ottawa District
Caduceon Environmental Laboratories
2378 Holly Lane
Ottawa, ON, Canada K1V 7P1
Tel: (613) 526-0123 ext 223
Fax: (613) 526 1244
Website: www.caduceonlabs.com

CADUCEON 

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C.O.C.: DW 37311

REPORT No. B09-37311

Report To:

Bettye Hyde Co-op Nursery School

317 Chapel St.
 Ottawa, ON., K1N 7Z2

Attention: Cindy Mitche

Caduceon Environmental Laboratories

2378 Holly Lane
 Ottawa, Ontario, K1V 7P1
 Tel: 613-526-0123
 Fax: 613-526-1244

DATE RECEIVED: 01-Dec-09

DATE REPORTED: 04-Dec-09

SAMPLE MATRIX: Drinking Water

JOB PROJECT NO.: R243 Bettye Hyde Co-op N.S.

P.O. NUMBER: SFIS # 03531

WATERWORKS NO. 500120979

Parameter:	Lead
Units:	mg/L
M.D.L.:	0.00002
Reference Method:	EPA 200.8
Date Site Analyzed:	04-Dec-09 O
ODWS Objective:	0.01
Type of Objective:	MAC

Client I.D.	Sample I.D.	Date Collected	
Nursery School Kitchen - Standing	B09-37311-1	01-Dec-09	0.00258
Nursery School Kitchen - Flushed	B09-37311-2	01-Dec-09	0.00034

ODWS = Ontario Drinking Water Standards

AO = Aesthetic Objective

MAC = Maximum Acceptable Concentration

OG = Operational Guideline

The Sodium Aesthetic Objective is 200 mg/L. The local MOH will be notified when the Sodium concentration exceeds 20 mg/L.

M.D.L. = Method Detection Limit

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, P-Peterborough, M-Moncton



Greg Clarkin, B.Sc., C. Chem
 Lab Manager - Ottawa District

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories

INCIDENT REPORT**DW System**

Name: R243 BETTYE HYDE CO-OPERATIVE
NURSERY SCHOOL (03531)

Address: 317 CHAPEL ST,
OTTAWA, K1N 7Z2,
Canada

District Office: Toronto District

DWS #: 500120979

DWS Category: Designated Facility

DWS Owner

Name: BETTYE HYDE CO-OPERATIVE NURSERY
SCHOOL

Mailing Address: 317 CHAPEL St OTTAWA ON
Canada K1N 7Z2

Physical Address: 317 CHAPEL St OTTAWA ON
Canada K1N 7Z2

Phone:

Fax:

Email:

Client Type: COMMERCIAL

MOE Information

Incident Report #: 1-813ZT

Master Incident Report #:

AWQI #:

Master AWQI #:

Date & Time Reported to MOE: November 24, 2009 03:09:00 PM

Office Receiving Incident Report: TORONTO DISTRICT

Incident Info Received By: WILKINGE

Incident Type: Internal Review

Incident Summary: Non compliance with Reg. 243 Sampling Requirements

MOE Response: No Further Response

Date & Time MOE Arrival:

Was an ERP called out? N

IDS Reference #:

Incident Description

Incident Date	Incident Description	Created By
November 24, 2009 03:09:00 PM	<p>* R243 Facilities Drinking Water Inspectors reside in the Safe Drinking Water Branch's Director's Office, located in Toronto. Currently LWIS does not reflect that specific information</p> <p>P.O. Geoff Wilkinson (GW) received a call from Cindy Mitchell, Operating Contact for Bettye Hyde Co-operative Nursery School (DWS 500120979) Ms Mitchell advised that she was unsure of her drinking water sampling requirements under Reg 243/07. She indicated that samples had been collected and analyzed in October, 2008 as directed by inspection report 1-6WS0Y. Since that time no drinking water samples had been collected.</p> <p>GW advised Ms. Mitchell that the 2009 annual drinking water samples were required to be collected at her facility between May 1 and October 31, 2009. Since that date had passed she was currently non compliant with the regulatory requirements</p> <p>GW advised Ms Mitchell to contact her licensed laboratory (Caduceon, Ottawa # 2232) as soon as possible and request the necessary sampling kit, collect her samples and submit them for analysis. Furthermore the following annual samples should be collected in the same time frame in 2010.</p> <p>Ms Mitchell indicated that she would follow those instructions and contact her laboratory immediately</p>	WILKINGE
November 24, 2009 03:10:00 PM	No further actions required. Incident recommended for closure.	WILKINGE

Caller/PO Information

Contact Name: Geoff Wilkinson

Telephone #: (416) 314-0675

Email Address: geoff.wilkinson@ontario.ca

Mailing Address: 2 St. Clair Ave West 19th floor

Company: Ministry of the Environment

Fax Number: (416) 326-8671


Toronto, Ontario M4V 1L5

Provincial Officer

Name: Geoff Wilkinson

Work Unit: Drinking Water Inspections Unit

Date: November 27, 2009

Signature: 

Badge #: 1474

District/Area Office: Toronto District

Supervisor

Name: Natalie Boyd

Work Unit: Drinking Water Inspections Unit

Date: November 27, 2009

Signature: 

District/Area Office: Toronto District

Inspection Time-tracking Worksheet

Inspector: TB

DWS Name: Betty Hyde

Insp. #: _____

Categories:	PIRR	Pre Inspection Research / Review
	FI	Field Inspection
	RP	Report Preparation

Cat.	Date	Start	Finish	Time	Total	Notes
PIRR	19 Aug 08	9:00	9:45	1:45	:45	Setup lookup - Called
"	2 Sept 08	11:50	11:55	1:50	:50	Called CM, LM to CB
"	"	1:50	2:05	1:50	1:05	Rec'd call - sched. insp.
"	"	2:30	2:40	1:10	1:15	Review lines
FI	8 Sept 08	12:55	2:00	1:05	2:15	Insp.
FI	"	3:15	4:15	1:00	3:15	Called for Kate Carrodine
RP	19 Sept 08	3:45	4:45	1:00	4:15	Emailed CM
"	22 Sept	8:20	8:45	1:25	4:40	Draft → up to <u>808000</u>
"	"	12:00	1:15	1:15	5:55	Draft
"	3 Oct 08	8:25	9:00	1:35	6:30	Draft complete
"	"			1:00	7:00	Final Draft
IF	8 Oct 08	8:35	8:40	1:05	7:05	Send
"	30 Oct 08	8:20	3:05	1:25	7:30	Told Janet I'd sent report, please return Condy.
"	"			1:15	7:45	Spoke w/ Condy
"	4 Nov 08	2:35	3:00	1:25	8:10	Reviews rec'd docs, respond.
"	12 Nov 08	4:30	4:45	1:15	8:25	" " letter.

Post Inspection Compliance Checklist

School Name

Betty Hyde

Date for Compliance Reminder Telephone Call

Actions Required Items	Date Due	Date Received
Flushing Record	Oct. 21/08	Oct. 30/08 ✓
Flushing Written Procedure		
Flushing as Required		" ✓
Sample Record	5 days of receiving results	Nov 12/08 ✓
Written Sample Procedure		
Sample Results		Oct. 30/08 ✓ - from
Written Lab Procedures		
Laboratory Services Notification (LSN)	Primer to testing	Oct. 19/08 ✓

OKay (CM said sent, dummy Oct. 30/08 call)

* Note: Create bring forward dates in Outlook for Actions Required

317 Chapel St.
Ottawa, Ont.
K1N 7Z2

Rec'd Nov 12/08
- TB

081105 20:57 KOR JOK 098 11

From anywhere to anyone 11

De Partout jusqu'à vous 1111111111



Jaran Beatty
Safe Drink. Water
19th Floor
2 St. Clair Ave. W.
Toronto, Ontario

M4V 1L5

Attention: Jaron Beatty

Ontario Regulation 243/07

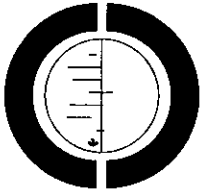
Lead in Drinking Water (Schools, Private Schools and Day Nurseries)

Lead in Flushed & Standing Drinking Water Samples

- [Redacted] for Laboratory use only
- Copy second page for additional samples

Sample Submission Information					
Submission ID	Sample Submission (please check all that apply in submission): <input type="checkbox"/> Regulated School Samples <input type="checkbox"/> Regulated Private School Samples <input checked="" type="checkbox"/> Regulated Day Nurseries Samples			Page 1 of	Priority
NOTE: All samples submitted are samples for human consumption only.					
Regulated School, Private School and Day Nursery Drinking Water Samples - Lead Analysis					
Where lead test results are found to exceed the Ontario Drinking Water Quality Standard (10 µg/L), licensed laboratories are required to report the adverse test results as per the SDWA 2002 using the Ministry's Laboratory Exceedance Notification Form (LEN). Laboratories are also required to electronically submit these regulated results (whether adverse or not) to the Ministry as per direction.					
Sample Submission Comments		Date of Sample Submission			
		YYYY	MM	DD	Time (hh:mm) am/pm
Facility Name		SFIS# (or Private School/Day Nursery Identifier)			
Bettye Hyde Co-op Nursery School		DW facility number 500120979 re inspection report 1-6WS0Y (03531)			
Tel.No. (Area Code)		Fax.No. (Area Code)			
613 - 236 - 3108		Same			
Submitted by (Last Name, First Name)		Signature			
MITCHELL, CINDY		X <i>C. Mitchell</i>			
Received by (Last Name, First Name)		Signature			
		X			

Request for Lead Analysis					
NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)					
Sample Type:					
<input checked="" type="checkbox"/> Regulated Flushed Sample	<input type="checkbox"/> Linked Resample*	* Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input checked="" type="checkbox"/> Regulated Standing Sample	<input type="checkbox"/> Linked Resample**	** Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Sample Collection Comments		Date of Sample Collection			
		YYYY	MM	DD	Time (hh:mm) am/pm
standing sample 7:28 flushed 6 minutes flushed sample 8:04		2008	10	23	7:28 a.m.
Field Sample ID	Sample No.	Containers Sent		Containers Missing	
Sample Location Description (please be as specific as possible)					
Nursery School Kitchen in the basement of the All Saints Anglican Church 317 Chapel St. Ottawa Ontario K1N 7Z2					



The Canadian Cochrane Network and Centre

MAR 11, 2010 14:03 Model # 4200 Series
START TIME SENT TO 14162127576
14:02 PAGES RESULT 0 Failed to Connect

*** TRANSMISSION REPORT ***

000102

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments <i>flushed</i>	Date of Sample Collection			
	YYYY	MM	DD	Time (hh:mm) am/pm
	2008	10	23	8:04 a.m.
Field Sample ID	Sample No.	Containers Sent	Containers Missing	

Sample Location Description (please be as specific as possible)
Nursery School Kitchen in the basement of All Saints Anglican Church 317 Chapel St. Ottawa, Ontario K1N 7Z2

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments	Date of Sample Collection			
	YYYY	MM	DD	Time (hh:mm) am/pm
Field Sample ID	Sample No.	Containers Sent	Containers Missing	

Sample Location Description (please be as specific as possible)

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

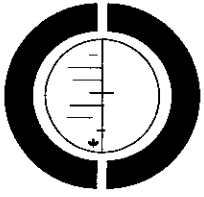
Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
 Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments	Date of Sample Collection			
	YYYY	MM	DD	Time (hh:mm) am/pm
Field Sample ID	Sample No.	Containers Sent	Containers Missing	

Sample Location Description (please be as specific as possible)

Please photocopy this page if more space is needed



The Canadian Cochrane Network and Centre

MAR 11, 2010 13:52 Model # 4200 Series
START TIME 13:51
SENT TO 14162127576
PAGES RESULT 0 Failed to connect

*** TRANSMISSION REPORT ***

000104

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: Tuesday, November 04, 2008 2:57 PM
To: 'BettyeHydeOttawa@gmail.com'
Subject: Received test results
Attachments: Sample Record template.xls

Cindy Mitchell, Supervisor
 Bettye Hyde Co-operative Nursery School

Hello Cindy,

Thank you, I received the test results which you mailed to me, and the Chain of Custody record which you faxed. To clarify, the last document I require from you is the **sample record** (a record of how the sample was taken). I have two questions:

1. Do you still have a copy of the test results at the nursery school? If the results you mailed to me (which are the same as the ones you faxed to me on Oct. 30/08) are the originals, I'd like to return them to you for your own records.
2. The chain of custody record contains almost all information required in a **sample record** (which I mentioned in the email below, and attached above). Could you either:
 - a. Write on the Chain of custody form **how long the water was standing before the first sample was taken that day**, or
 - b. Complete the attached form, to record the same information.
 - c. Send me a copy, in either case.

Taran Beaty

Facilities Drinking Water Inspector
 Ministry of the Environment
 Safe Drinking Water Branch
 2 St. Clair Ave. W - 19th Floor
 Toronto, ON M4V 1L5
 Ph: 416-314-7626
 Fax: 416-212-7576
 taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Beaty, Taran (ENE)
Sent: Thursday, October 30, 2008 3:51 PM
To: 'BettyeHydeOttawa@gmail.com'
Subject: Sample record form for O. Reg. 243/07

Hello Cindy,

As we just discussed, here is a copy of the sample record form on our website, at:
<http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450&lang=en>

Please add information on the samples taken in July, 2007, as well as the recent samples from October, 2008. Keep this record at the Nursery School, and send a copy to me.

Thank you for your assistance with this inspection.

Sincerely,

2008/11/04

000106

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

Ministry of the Environment

Union

Submission and Chain of Custody Form for Licensed Laboratories

Ontario Regulation 243/07

Lead in Drinking Water (Schools, Private Schools and Day Nurseries)

Jarvis Beatty

Recd Nov. 4/08

Lead in Flushed & Standing Drinking Water Samples

- ~~XXXXXX~~ for Laboratory use only
- Copy second page for additional samples

Sample Submission Information				
Submission ID	Sample Submission (please check all that apply in submission):			Page 1 of
	<input type="checkbox"/> Regulated School Samples <input type="checkbox"/> Regulated Private School Samples <input checked="" type="checkbox"/> Regulated Day Nurseries Samples			Priority
NOTE: All samples submitted are samples for human consumption only.				
Regulated School, Private School and Day Nursery Drinking Water Samples - Lead Analysis Where lead test results are found to exceed the Ontario Drinking Water Quality Standard (10 µg/L), licensed laboratories are required to report the adverse test results as per the SDWA 2002 using the Ministry's Laboratory Exceedance Notification Form (LEN). Laboratories are also required to electronically submit these regulated results (whether adverse or not) to the Ministry as per direction.				
Sample Submission Comments		Date of Sample Submission		
		YYYY	MM	DD
				Time (hh:mm) am/pm
Facility Name		SFIS# (or Private School/Day Nursery Identifier)		
<i>Bettye Hyde Co-op Nursery School</i>		<i>DW facility number 500120979</i>		
Tel.No. (Area Code)		Fax.No. (Area Code)		
<i>613 - 236 - 3108</i>		<i>same</i>		
Submitted by (Last Name, First Name)		Signature		
<i>MITCHELL, CINDY</i>		<i>X [Signature]</i>		
Received by (Last Name, First Name)		Signature		
		<i>X</i>		

Request for Lead Analysis				
NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)				
Sample Type:				
<input type="checkbox"/> Regulated Flushed Sample	<input type="checkbox"/> Linked Resample*	* Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No		
<input checked="" type="checkbox"/> Regulated Standing Sample	<input type="checkbox"/> Linked Resample**	** Was Resample Submitted as Directed by PHU? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample Collection Comments		Date of Sample Collection		
<i>standing sample 7:28</i>		YYYY	MM	DD
<i>flushed 6 minutes</i>		<i>2008</i>	<i>10</i>	<i>23</i>
<i>flushed sample 8:04</i>				Time (hh:mm) am/pm
				<i>7:28 a.m.</i>
Field Sample ID	Sample No.	Containers Sent		Containers Missing
Sample Location Description (please be as specific as possible)				
<i>Nursery School Kitchen in the basement of the All Saints Anglican Church 317 Chapel St. Ottawa Ontario K1N 7Z2</i>				

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
- Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

flushed

YYYY

MM

DD

Time (hh:mm) am/pm

2008

10

23

8:04 a.m.

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Sample Location Description (please be as specific as possible)

*Nursery School Kitchen in the basement
of All Saints Anglican Church 317 Chapel St.
Ottawa, Ontario K1N 7Z2*

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
- Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

YYYY

MM

DD

Time (hh:mm) am/pm

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Sample Location Description (please be as specific as possible)

Request for Lead Analysis

NOTE: Please check below if samples are being submitted as per direction of Local Public Health Unit (PHU)

Sample Type:

- Regulated Flushed Sample Linked Resample* * Was Resample Submitted as Directed by PHU? Yes No
- Regulated Standing Sample Linked Resample** ** Was Resample Submitted as Directed by PHU? Yes No

Sample Collection Comments

Date of Sample Collection

YYYY

MM

DD

Time (hh:mm) am/pm

Field Sample ID

Sample No.

Containers Sent

Containers Missing

Sample Location Description (please be as specific as possible)

Please photocopy this page if more space is needed

The MERRYMAN
Cooperative Business School
317 Chapel St.,
Ottawa, Ontario K1R 7Z2

Support Mental Health
Appuyez la santé mentale
081101 00:58 KDA JOX 093



Rec'd Nov. 4/08

Min. of the Environ
Safe Drinking Water
19th Floor
2 St. Clair Ave. W.
Toronto, Ontario
M4V 1L5

Attention; Jaran Beatty

C.O.C.: --

REPORT No. B08-35755

Report To:

Bettye Hyde Co-op Nursery School
 317 Chapel St.
 Ottawa, ON., K1N 7Z2

Caduceon Environmental Laboratories
 2378 Holly Lane
 Ottawa, Ontario, K1V 7P1
 Tel: 613-526-0123
 Fax: 613-526-1244

Attention: Cindy Mitchell

DATE RECEIVED: 27-Oct-08

JOB/PROJECT NO.: R243 Bettye Hyde Co-op N.S.

DATE REPORTED: 28-Oct-08

P.O. NUMBER: SFIS # 03531

SAMPLE MATRIX: Drinking Water

WATERWORKS NO. 500120979

Parameter:		Lead				
Units:		mg/L				
M.D.L.:		0.00002				
Reference Method:		EPA 200.8				
Date/Site Analyzed:		28-Oct-08/O				
ODWS Objective:		0.01				
Type of Objective:		MAC				
Client I.D.	Sample I.D.	Date Collected				
Kitchen in Basement - Standing	B08-35755-1	23-Oct-08	0.00033			
Kitchen in Basement - Flushed	B08-35755-2	23-Oct-08	0.00018			

ODWS = Ontario Drinking Water Standards
 AO = Aesthetic Objective
 MAC = Maximum Acceptable Concentration
 OG = Operational Guideline
 IMAC = Interim Maximum Acceptable Concentration



Greg Clarkin, BSc., C. Chem
 Lab Manager - Ottawa District

M.D.L. = Method Detection Limit
 Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,P-Peterborough,M-Moncton

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: Thursday, October 30, 2008 3:51 PM
To: 'BettyeHydeOttawa@gmail.com'
Subject: Sample record form for O. Reg. 243/07
Attachments: Sample Record template.xls

Hello Cindy,

As we just discussed, here is a copy of the sample record form on our website, at:
<http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450&lang=en>

Please add information on the samples taken in July, 2007, as well as the recent samples from October, 2008. Keep this record at the Nursery School, and send a copy to me.

Thank you for your assistance with this inspection.

Sincerely,

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

January 2007

Flushing for Lead

243/07

According to Ontario Regulation ~~478/03~~ all schools, private schools and day nurseries must flush their plumbing for lead on at least a weekly basis. Flushing ensures that stale water that may contain higher lead levels is not consumed.

To flush the system, open the last cold-water tap on each branch of plumbing or at the fixture(s) where water is commonly taken for drinking or food preparation, and allow the water to run for at least one minute.

The requirement includes:

- flushing the system before the facility opens on the first day of each week
- allowing flushing to continue until the water temperature stabilizes (at least one minute)
- recording the date, time and name of the person who performed the flushing and retaining the record for 5 years

Date	Start	Time	end	Name of Person Flushing	10 Sec. all other taps
September 29/08	8:00	-	8:10	Lisa Leri	✓
30/08	8:30	-	8:40	Lisa Leri	✓
October 1/08	8:30	-	8:40	Lisa Leri	✓
2/08	8:30	-	8:40	Janet LeBlanc	✓
3/08	8:30	-	8:40	Janet LeBlanc	✓
6/08	8:00	-	8:00	Janet LeBlanc	✓
7/08	8:30	-	8:40	Lisa Leri	✓
8/08	8:30	-	8:40	Lisa Leri	✓
9/08	8:30	-	8:40	Janet LeBlanc	✓
10/08	8:30	-	8:40	Lisa Leri	✓
13/08	Closed - Thanksgiving				
14/08	8:00	-	8:10	Lisa Leri	✓
15/08	8:20	-	8:30	Lisa Leri	✓
16/08	8:20	-	8:30	Lisa Leri	✓
17/08	8:20	-	8:30	Janet LeBlanc	✓
20/08	8:00	-	8:10	Janet LeBlanc	✓
21/08	8:20	-	8:30	Lisa Leri	✓
22/08	8:20	-	8:30	Janet LeBlanc	✓
23/08	8:20	-	8:30	Lisa Leri	✓
24/08	8:20	-	8:30	Lisa Leri	✓
27/08	8:00	-	8:00	Janet LeBlanc	✓
28/08	8:20	-	8:30	Janet LeBlanc	✓
29/08	8:20	-	8:30	Lisa Leri	✓

Rec'd Oct. 30/08 - TB

CADUCEON

ENVIRONMENTAL LABORATORIES

Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: --

REPORT No. B08-35755

Report To:

Bettye Hyde Co-op Nursery School

317 Chapel St.

Ottawa, ON., K1N 7Z2

Attention: Cindy Mitchell

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa, Ontario, K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

DATE RECEIVED: 27-Oct-08

DATE REPORTED: 28-Oct-08

SAMPLE MATRIX: Drinking Water

JOB/PROJECT NO.: R243 Bettye Hyde Co-op N.S.

P.O. NUMBER: SFIS # 03531

WATERWORKS NO. 500120979

Parameter:	Lead				
Units:	mg/L				
M.D.L.:	0.00002				
Reference Method:	EPA 200.8				
Date/Site Analyzed:	28-Oct-08/O				
ODWS Objective:	0.01				
Type of Objective:	MAC				

Client I.D.	Sample I.D.	Date Collected				
Kitchen in Basement - Standing	B08-35755-1	23-Oct-08	0.00033			
Kitchen in Basement - Flushed	B08-35755-2	23-Oct-08	0.00018			

*Attention; Jaron Beatty
re: inspection
report 1-6W504*

Rec'd Oct 30/08 TB

*2024 30/10/08
[Signature]*

ODWS = Ontario Drinking Water Standards
AO = Aesthetic Objective
MAC = Maximum Acceptable Concentration
OG = Operational Guideline
IMAC = Interim Maximum Acceptable Concentration

M.D.L. = Method Detection Limit
Site Analyzed = K-Kingston, W-Windsor, O-Ottawa, P-Peterborough, M-Moncton

[Signature]
Greg Clarkin, BSc., C. Chem
Lab Manager - Ottawa District

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

Ministry of the Environment

Safe Drinking Water Branch

19th Floor
2 St. Clair Ave W
Toronto ON M4V 1L5

Ministère de l'Environnement

Direction du contrôle de la qualité de l'eau
potable

19^e étage
2, avenue St. Clair Ouest
Toronto ON M4V 1A6



October 3, 2008

Cindy Mitchell, Supervisor
Bettye Hyde Co-operative Nursery School
317 Chapel St.
Ottawa, ON K1N 7Z2

Dear Ms. Mitchell,

**Re: Bettye Hyde Co-operative Nursery School
O. Regulation 243/07 Inspection Report 1-6WS0Y**

Enclosed is the report of the inspection that began on September 8, 2008 by Taran Beaty, Provincial Officer with the Ministry of the Environment.

The inspection report documents your facility's compliance with Ontario Regulation 243/07. Items listed under the heading "Actions Required" are linked to incidents of non-compliance with regulatory requirements contained within a Regulation.

The operator of **Bettye Hyde Co-operative Nursery School** is required to respond to the "**Actions Required**" within the timeframes specified in the report.

If you have any questions or concerns, please feel free to contact me.

Yours truly,

A handwritten signature in black ink, appearing to read "Taran Beaty".

Taran Beaty, Inspector
Safe Drinking Water Branch
Phone: (416) 314-7626
Fax: (416) 212-7576

encl.

cc:

Ottawa Public Health
100 Constellation Cres.
Ottawa, ON K2G 6J8

Ministry of Child and Youth Services
347 Preston Street, 3rd Floor
Ottawa, Ontario K1S 3H8



Ministry of the Environment

R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)

Drinking Water Inspection Report

DW Facility Number:	500120979
Inspection Number:	1-6WS0Y
Date of Inspection:	Sep 08, 2008
Inspected By:	Taran Beaty

OWNER INFORMATION:

Company Name: BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL
Street Number: 317 **Unit Identifier:**
Street Name: CHAPEL St
City: OTTAWA
Province: ON **Postal Code:** K1N 7Z2

CONTACT INFORMATION

Type: Main Contact **Name:** Cindy Mitchell
Phone: (613) 236-3108 **Fax:**
Email: bettyehydeottawa@gmail.com
Title: Supervisor

INSPECTION DETAILS:

DW Name: R243 BETTYE HYDE CO-OPERATIVE NURSERY SCHOOL (03531)
DW Address: 317 CHAPEL ST
County/District: Ottawa
District/Area Office: Ottawa District
DW Facility Number: 500120979
Inspection Type: Announced
Inspection Number: 1-6WS0Y
Date of Inspection: Sep 08, 2008
Date of Previous Inspection:

DRINKING WATER COMPONENTS DESCRIPTION

Site (Name): Bettye Hyde Co-operative Nursery School
Type: Other **Sub Type:**

Comments:

Bettye Hyde Co-operative Nursery School is a day nursery regulated under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries) made under the Safe Drinking Water Act, 2002 (SDWA).

The day nursery is located in All Saints Anglican Church, in Ottawa, ON. The building is over 100 years old and is served by municipal drinking water.

INSPECTION SUMMARY

INTRODUCTION

- * The primary focus of this report is to assess compliance with the flushing, sampling and record keeping requirements of Ontario Regulation 243/07. This Regulation was created to provide a safeguard against the potential consumption of elevated levels of lead in drinking water at schools, private schools and day nurseries in Ontario.

DISTRIBUTION SYSTEM

- * All or part of the plumbing that serves the building that houses the facility was installed before January 1, 1990.

At the time of the inspection, the Supervisor, Ms. Cindy Mitchell, indicated that All Saint's Anglican Church, which houses this day facility, was built in approximately 1900.

- * Flushing of the plumbing was conducted for all or part of the inspection period.

Prior to the inspection, on September 2, 2008, Ms. Mitchell faxed copies of flushing records from November of 2007 to January of 2008 to the ministry, which show that the plumbing is being flushed daily.

- * The plumbing was not flushed at the start of each day at the required time.

The flushing records list 8:30 AM as the time of flushing, with occasional earlier entries on Mondays. At the time of the inspection, Ms. Mitchell explained that the day nursery opens at 8:30 AM, when teachers begin flushing the plumbing. Children begin arriving at this time, and one of two teachers oversees the children while the other teacher completes the morning flushing.

Section 4(2) of O. Reg. 243/07 requires that daily flushing is completed before the facility opens for the day, meaning before children are permitted to enter the facility.

- * Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.

Ms. Mitchell explained that the day nursery occupies one room in the lower floor of the church, and uses a washroom and a kitchen with one sink each. A teacher is flushing the kitchen tap for five minutes each morning, but is not flushing the hand-washing tap in the washroom. The cold-water tap on this sink is required to be flushed as well, to guard against potential consumption of water with elevated lead levels from this tap, in accordance with section 4(3) of O. Reg. 243/07.

At the time of the inspection, Ms. Mitchell indicated that staff will begin flushing the washroom tap each morning.

- * Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.

The flushing records sent to the ministry contain a date and time of each flushing, and the initials of the person performing the flushing.

Section 4(4) of O. Reg. 243/07 requires that the full name of the person performing the flushing be recorded. Initials are acceptable only if there is a legend on the record indicating who those initials belong to.

A written flushing procedure on the records makes reference to O. Reg. 173/03, which was revoked and replaced by O. Reg. 243/07, and instructs staff to flush the plumbing for "at least one minute". The ministry recommended that these instructions be revised to reflect the requirements of O. Reg. 243/07.

WATER QUALITY MONITORING

WATER QUALITY MONITORING

- **Annual lead samples were taken at this facility.**

Prior to the inspection, on April 2, 2008, Ms. Mitchell faxed to the ministry copies of lead test results for a sample taken on July 18, 2007. One drinking water sample was taken from the plumbing at 317 Chapel St., Ottawa, and sent to a laboratory in the Drinking Water Services department of the City of Ottawa. The lead level in the sample was found to be less than 0.5 µg / Litre, which is below the Ontario Drinking Water Quality Standard for lead of 10 µg / Litre. There is no indication in the laboratory report of where in the building the sample was taken from.

On September 4, 2008, Ms. Mitchell faxed to the ministry a copy of test results for two samples taken on July 18, 2008, and sent to Caduceon Laboratories, Ottawa, ON, which is licensed by the Ministry of the Environment to test drinking water samples for lead. The samples were taken by Andrew Fleck Child Care Services, which operates in a different part of All Saints Church. Both samples contained lead levels below 10 µg / Litre.

- **Annual lead sampling at this facility was not conducted in accordance with section 5(2) of O.Reg. 243/07.**

Only one sample was taken on July 18, 2007. Section 5(2) of O. Reg. 243/07 requires that two samples, a "standing" and a "flushed" sample of drinking water, are taken from a tap serving the facility (from a kitchen tap in the case of a day nursery). This sample was taken by the landlord for the facility, All Saints Anglican Church, and Ms. Mitchell could not confirm whether it was taken in accordance with the rules described in the Regulation.

On September 8, 2008, the ministry spoke with Kate Carradine, Supervisor with Andrew Fleck Child Care Services, regarding the samples taken within the church on July 17, 2008. Ms. Carradine explained that her day nursery was operating in a separate area of the building, upstairs from Betty Hyde Co-operative Nursery School, for approximately one year while their own building was being demolished and rebuilt. During July and August, while Bettye Hyde was closed, they used Bettye Hyde's area for daily pick-up / drop-off of children, but only at the beginning and end of the day. Ms. Carradine explained that the samples were taken from a washroom on the second floor of the church, within the Andrew Fleck Child Care area, and not from a tap serving Bettye Hyde Co-operative Nursery School.

- **Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.**

At the time of the inspection, no samples had been taken within the day nursery, and there were no records of how the samples were taken.

Section 5(2) par. 12 of O. Reg. 243/07 requires that a record be made of: the date and time every sample was taken, the name of the person who took the sample, the location in the building where the sample was taken, and an estimate of how long the water was standing unused in the plumbing before the first sample was taken.

The ministry recommends that Bettye Hyde Co-operative Nursery School maintain sample records using a template which can be found on the ministry's website at www.ontario.ca/drinkingwater.

- **Samples collected from this facility were not handled in accordance with laboratory instructions.**

At the time of the inspection, no samples had been taken within the day nursery. Section 5(4) of O. Reg. 243/07 requires that samples are collected, handled, labelled, and transported in accordance with any specific instructions from the licensed laboratory which will be testing the samples for lead.

WATER QUALITY MONITORING

- * **The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.**

A Laboratory Services Notification (LSN) form for Bettye Hyde Co-operative Nursery School was not submitted to the ministry. Section 5(5) of O. Reg. 243/07 requires that written notice of the identity of the licensed laboratory that will conduct the test for lead is given to the ministry, before the sample is tested.

Immediately after the inspection, the ministry sent Ms. Mitchell a link to the LSN form on the ministry's website at: www.ontario.ca/drinkingwater.

- * **Required documents were not available without charge during normal business hours at the facility.**

Flushing records are being kept at the facility and are available to the public. There were no sampling records or lead test results, or a copy of O. Reg. 243/07 on site at the time of the inspection.

After the inspection, the ministry provided Ms. Mitchell with a link to O. Reg. 243/07 on the Government of Ontario's "e-Laws" website.

- * **The operator indicated that records of flushing and testing will be kept for at least six (6) years.**

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

1. The plumbing was not flushed at the start of each day at the required time.

Flushing typically starts at 8:30 AM, when the facility is open to children.

Action(s) Required:

Effective immediately, Bettye Hyde Co-operative Nursery School shall ensure that daily flushing is completed before the facility is open for the day, as required by section 4(2) of O. Reg. 243/07.

2. Daily flushing of the plumbing was not conducted in accordance with the procedure outlined in section 4(3) of O.Reg. 243/07.

The hand-washing tap serving the washroom is not being flushed, contrary to section 4(3) of O. Reg. 243/07.

Action(s) Required:

Effective immediately, Bettye Hyde Co-operative Nursery School shall ensure that all cold-water taps which may provide drinking water to children under 18 are flushed each morning, as required by section 4(3) of O. Reg. 243/07.

3. Records of the date, time and name of the person who performed and/or verified the daily flushing were not complete.

The full name of the person performing the flushing is not recorded.

A written flushing procedure on the records makes reference to O. Reg. 173/03, which was revoked and replaced by O. Reg. 243/07.

Action(s) Required:

Effective immediately, Bettye Hyde Co-operative Nursery School shall maintain records of every required daily flushing containing the date, time, and name of the person performing the flushing. Any written instructions attached to the records shall reflect the requirements of O. Reg. 243/07.

The ministry recommends recording the "start" and "end" times of each daily flushing.

Within 30 business days of the inspection, Bettye Hyde Co-operative Nursery School shall send copies of recent flushing records, which show flushing in accordance with the regulation, to: Taran Beaty, Provincial Officer, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

4. Annual lead sampling at this facility was not conducted in accordance with section 5(2) of O.Reg. 243/07.

Samples were not taken from a tap serving the day nursery.

Action(s) Required:

Before October 31st, 2008, Bettye Hyde Co-operative Nursery School shall take one standing and one flushed sample of drinking water from a tap used to provide drinking water to children under 18, in accordance with the procedure described in section 5(2) of O. Reg. 243/07, and have them analysed by a laboratory licensed by the Ministry of the Environment to test drinking water samples for lead.

Within 5 days of receiving lead test results from the licensed laboratory, Bettye Hyde Co-operative Nursery School shall send copies of the test results to: Taran Beaty, Provincial Officer, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

5. Sampling records were not made of the date, time, standing period estimate, location, and the name of the person who took each sample.

At the time of the inspection, no samples had been taken within the day nursery, and there were no records of how the samples were taken.

Section 5(2) par. 12 of O. Reg. 243/07 requires that a record be made of: the date and time every sample was taken, the name of the person who took the sample, the location in the building where the sample was taken, and an estimate of how long the water was standing unused in the plumbing before the first sample was taken.

Action(s) Required:

Before October 31st, 2008, Bettye Hyde Co-operative Nursery School shall take samples of drinking water, and maintain records of those samples as required by section 5(2) par. 12 of O. Reg. 243/07.

Immediately after collecting the samples, Bettye Hyde Co-operative Nursery School shall send copies of sample records to: Taran Beaty, Provincial Officer, Ministry of the Environment, Safe Drinking Water Branch, 2 St. Clair Ave. W - 19th Floor, Toronto, ON M4V 1L5; fax: 416-212-7576; taran.beaty@ontario.ca.

6. Samples collected from this facility were not handled in accordance with laboratory instructions.

At the time of the inspection, no samples had been taken within the day nursery.

Action(s) Required:

Before October 31st, 2008, Bettye Hyde Co-operative Nursery School shall take samples of drinking water in accordance with instructions from the licensed laboratory, as required by section 5(4) of O. Reg. 243/07.

7. The operator did not ensure that a Laboratory Services Notification that identified the laboratory which conducted the testing for lead was submitted to the Ministry.

A Laboratory Services Notification (LSN) form for Bettye Hyde Co-operative Nursery School was not submitted to the ministry, as required by section 5(5) of O. Reg. 243/07.

Action(s) Required:

Effective immediately, Bettye Hyde Co-operative Nursery School shall secure the services of a laboratory licensed by the ministry to test for lead. Prior to the samples being tested, Bettye Hyde Co-operative Nursery School shall complete and submit a Laboratory Services Notification form to: Ministry of the Environment, Drinking Water Programs Branch; fax: 416-314-8716; reg170_formsubmission.moe@ontario.ca.

8. Required documents were not available without charge during normal business hours at the facility.

Flushing records are being kept at the facility and are available to the public. There were no sampling records or lead test results, or a copy of O. Reg. 243/07 on site at the time of the inspection.

Action(s) Required:

Bettye Hyde Co-operative Nursery School shall maintain all required documents at the day nursery site for two years from the date of the record, along with a copy of O. Reg. 243/07.

SUMMARY OF BEST PRACTICE ISSUES AND RECOMMENDATIONS

This section provides a summary of all best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. Best Management Practices are recommendations and not mandatory requirements, but may lead to safe drinking water for the consumer.

In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following practices and consider measures to implement them so that all drinking water facilities continuously improve their processes.

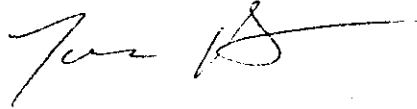
Not Applicable

SIGNATURES

Inspected By:

Taran Beaty

Signature: (Provincial Officer):



Reviewed & Approved By:

Natalie Boyd

Signature: (Supervisor):



Review & Approval Date:

October 3, 2008

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

Beaty, Taran (ENE)

From: Beaty, Taran (ENE)
Sent: Monday, September 08, 2008 4:17 PM
To: 'BettyeHydeOttawa@gmail.com'
Subject: UPDATE TO: Information on O. Reg. 243/07

Cindy Mitchell, Supervisor
Bettye Hyde Co-operative Nursery School
317 Chapel St.
Ottawa, ON K1N 7Z2

Dear Cindy,

I spoke with Kate Carradine of Andrew Fleck Child Care Services after sending the e-mail below, and she indicated that the samples (for which you sent me the results from Caduceon Environmental Laboratories) were taken from a tap in the "main hall", meaning the area upstairs which Andrew Fleck C.C.S. has been using. Ms. Carradine explained that the Andrew Fleck program was using Bettye Hyde's area for a short period in the morning and afternoon as a "pick-up / drop-off" area.

This would mean that the samples were not taken from a tap used by Bettye Hyde Nursery School, and therefore Bettye Hyde is still required to take two samples ("standing" and "flushed") from the kitchen tap, and have them tested for lead by a licensed laboratory. You may find a list of laboratories among the links below.

This requirement will be reflected in the inspection report. Please feel free to contact me if I can clarify, or if you have any more information on, this issue.

Sincerely,

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

From: Beaty, Taran (ENE)
Sent: Monday, September 08, 2008 3:02 PM
To: 'BettyeHydeOttawa@gmail.com'
Subject: Information on O. Reg. 243/07

Cindy Mitchell, Supervisor
Bettye Hyde Co-operative Nursery School
317 Chapel St.
Ottawa, ON K1N 7Z2

Dear Cindy,

Thank you for your assistance today with the inspection of **Bettye Hyde Co-operative Nursery School** for compliance with Ontario Regulation 243/07.

2008/09/08

000126

As promised, I am sending you a few links to resources available on the Ministry of the Environment's **Drinking Water Ontario** website: www.ontario.ca/drinkingwater

- Our page of resources for **Schools, Private schools, and Day Nurseries** may be found here:
 - <http://www.ontario.ca/ONT/portal51/drinkingwater/General?docId=177450&lang=en>
- The blank **sample record form** we discussed can be found here:
 - <http://www.ontario.ca/drinkingwater/158293.xls>
- A current copy of this regulation, **O. Reg. 243/07**, is here (you must keep a copy of the regulation at the facility):
 - http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_070243_e.htm
- **Two instructional videos** on flushing and sampling may be found here:
 - <http://www.ontario.ca/drinkingwater/243278.wmv>
 - <http://www.ontario.ca/drinkingwater/243279.wmv>

I have discussed your situation with my supervisor, and we have determined that because the two day nurseries (Bettye Hyde and Andrew Fleck C.C.S.) share the plumbing in your space, then you may also share the water sampling duties (for lead testing). If both operators are willing to share sampling duties, then both facilities must complete and submit an LSN to the Ministry of the Environment, and indicate in the "Comments" section (pg. 1), that samples will be shared with (*name of other day nursery*).

- The **Laboratory Services Notification (LSN)** can be found here. Please submit it to the ministry at your earliest convenience.
 - <http://www.ontario.ca/drinkingwater/158284.pdf>
- A list of **licensed laboratories** for lead testing is here (you may use any laboratory on this list):
 - <http://www.ene.gov.on.ca/en/water/tapwater/leadlabs.php>

Thank you again, and feel free to contact me with any questions or concerns.

Taran Beaty

Facilities Drinking Water Inspector
Ministry of the Environment
Safe Drinking Water Branch
2 St. Clair Ave. W - 19th Floor
Toronto, ON M4V 1L5
Ph: 416-314-7626
Fax: 416-212-7576
taran.beaty@ontario.ca

Provincial Officer Badge #1351

No LSI's Aug 19/09
No results

O.REG. 243/07 TELEPHONE AUDIT WORKSHEET

Supervisor - Crady Mitchell (was away when reg. started in '07)
317 Chapel St.
Ottawa, ON K1N 7Z2
613-236-3108
bettyehydeottawa@gmail.com

Facility Name: Bettye Hyde Co-op. Nursery School
DWS#: 500120979
Auditor: Taren Beatty
Date: 1st call - Apr. 2/08 in sp.

In All Saints Anglican Church

Municipal water supply or own drinking water system?

Did they receive the information package?

Question Id	LWIS Question Wording	Suggested Verbal Questions	Notes
80100	Was all or part of the plumbing that serves the building that houses the facility installed before January 1, 1990?	When was the facility constructed? Date the oldest plumbing was installed? Y= plumbing predates Jan. 1, 1990 (B) N= plumbing installed after Jan. 1, 1990 (A)	Age 2-5 (sometimes 6) Pre-1990 - Church ~ 100-110 years old "Andrew Fleck C.C.S." ? ← Daycare housed in same space as Bettye Hyde, during July & August. Also a day nursery upstairs run by A.F.C.C.S. ← "biggest child care provider in Ottawa"
80200	Was any regular flushing carried out at the facility?	Do you have a flushing program in place?	Y - Flushing records sent Sept 2/08. Daily flushing.
80300	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has the operator ensured that plumbing is flushed at the start of each week at the required time?	How often is the system flushed?	

A		What day of the week is the plumbing flushed?	
A		What time of the day is flushing being conducted? Before 6 AM or earliest practicable time if 24 hour	
80400 A	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has the procedure for flushing been done in accordance with the requirements of section 3(3) of O.Reg. 243/07?	Can you describe to me the typical flushing procedure? (If the operator response does not cover all requirements in 3(3), ask further pointed questions to extract that information.) 5 minutes at the end of the branch, 10 seconds at every tap and fountain, aerator not removed, filter bypassed if possible.	
80500 A	If the plumbing at a school, private school or day nursery was installed after Dec 31st, 1989, has a record been made of the date, time, and the name of the person who performed or verified the flushing?	Are flushing records maintained? (Verbal questions for 80500 not required if records have been forwarded as requested.)	

A		What do the records consist of?	
80600 B	If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has the operator ensured that plumbing is flushed at the start of each day at the required time?	How often is the system flushed? N	Records show "8:00" + "8:30" AM - open @ 8:30, start @ 8:30 when children arrive. flushing ~ 3 children arrive @ 8:30
B		What time is the flushing conducted? Before 6 AM or earliest practicable time if 24 hour	"We're just a nursery school, no sleeping facilities, food prep, don't offer full-time care." - 2 teachers - 1 flushing the other takes care of children.
80700 B	If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has the procedure for flushing been done in accordance with the requirements of section 4(3) of O.Reg. 243/07?	Is there a written procedure in place? minutes at the end of the branch, 10 seconds at every tap and fountain, aerator not removed, filter bypassed if possible N	5 - One kitchen runs kitchen sink for 5 minutes. - One room, kitchen separate from day care nursery room. - Washrooms - 2 toilets sink, separate hand washing sink. - not flushed, but will.

B		<p>Can you describe to me the typical flushing procedure?</p> <p>(If the operator response does not cover all requirements in 4(3), ask further pointed questions to extract that information)</p>	
80800 B	<p>If the plumbing at a school, private school or day nursery was installed before Jan 1, 1990, has a record been made of the date, time, and the name of the person who performed or verified the flushing?</p>	<p>Are flushing records being maintained?</p> <p>(Verbal questions for 80800 are unnecessary if records have been forwarded as requested.)</p>	<p>N - Records refer to O.Reg. 173/03</p> <p>- Initials used, advised use <u>name</u>.</p>
B		<p>What do the records consist of?</p>	
80900	<p>For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, was any annual lead sampling and testing completed?</p>	<p>Are you conducting any lead sampling?</p>	<p>N² Results sent Sept 4/08 - Caduceon</p> <p>- Sampled July 17/09 stand 0.28 µg flushed 0.31 µg</p> <p>- Spoke to Kate Carradore after initial insp. - samples were from "upstairs", <u>not</u> from B. Hyde area.</p>

N - K.C. said taken from washroom tap, not in B. Hyde's area

81000	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school was the annual lead sampling and testing done at the proper time, and from the proper location?	Can you describe when and where the lead samples are being collected? Date, time, location, two 1 L bottles (standing and flushing)	- "Taken from kitchen tap." - CM. - "Kate Carradone" - Supervisor of Andrew Fleck C.C.S. © 700 Industrial Ave - took samples 613 736-3355 or better → 195 George St.
		Can you describe the procedures followed when collecting a lead sample? (If the operator response does not cover all requirements in 5(2), ask further pointed questions to extract that information) Schools - June 15 - Aug 15, Day nurseries May 1 - Oct 31, Samples taken from same tap, standing sample taken at least 6 hours or longest period possible and before flushing, flushed sample taken after flushing and after 30-35 minute period. Aerator must not be removed.	613-789-4100 - Called K.C. Sept. 7:00 am for standing July 17/08 7:35 am flushed ~ Amanda Kovackis or Amstey - run program
		Is there a written procedure in place? Re: Andrew Fleck.	- 10 or 12 children in camp. Andrew Fleck in 317 Chapel this year, in main hall - "Provisional license" because they're off site while 195 George was demolished and rebuilt

81050	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school have sampling records been made of the date, time, standing period estimate, location, and the name of the person who took each sample?	Are sampling records being maintained? (Verbal questions for 81050 are unnecessary if records are available for visual review.)	Explored - sent link to website. - Church <u>wanted</u> to take charge of sampling.
		What do the records consist of?	
81100	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, were lead samples taken and handled in accordance with laboratory instructions including collection, containers, labeling, completion of forms, and methods of transportation for samples?	Have you been provided with instructions from your laboratory for sample taking and handling?	
		If so, are you collecting the sample in accordance with the instructions provided by the laboratory?	

81200	For a day nursery, if all or part of the plumbing that serves the building that houses the day nursery was installed before January 1, 1990, and for every school and private school, was a Laboratory Services Notification (LSN) submitted as required?	Have you submitted the Laboratory Services Notification?	? - No. Sent back
		Which laboratory have you retained?	
81400	Has the operator of the facility ensured that the required information is available to the public during normal business hours, including records of flushing, sampling, exceedances, and a copy of O.Reg. 243/07?	Are all flushing and sampling records made available to the public during normal business hours?	N - no copy of Reg. or sampling records
81500	Has the operator of the facility ensured that the required documents are maintained, or will be maintained for at least six (6) years, including records of flushing, sampling and exceedances?	Are you retaining all the flushing, sampling, and AWQI records?	Y

		Are you aware that it is required to retain records for six years?	
Thank you for your time. If you have any questions regarding Ontario Regulation 243/07, please do not hesitate to contact me. Also I would like to let you know that I may need to call you back if I have any additional questions. Thank you.			

Page 1 of 3

Rec'd Sept 2/08 TB

Attention: J. Beatty

January 2007

Flushing for Lead

According to Ontario Regulation 173/03 all schools, private schools and day nurseries must flush their plumbing for lead on at least a weekly basis. Flushing ensures that stale water that may contain higher lead levels is not consumed.

To flush the system, open the last cold-water tap on each branch of plumbing or at the fixture(s) where water is commonly taken for drinking or food preparation, and allow the water to run for at least one minute.

The requirement includes:

- flushing the system before the facility opens on the first day of each week
- allowing flushing to continue until the water temperature stabilizes (at least one minute)
- recording the date, time and name of the person who performed the flushing and retaining the record for 5 years

Date	Time	Name of Person Flushing
Tues. Nov. 6/2007	8:30 a.m.	Jarret Abene
Wed. Nov. 7/2007	8:30 a.m.	JJ
Thurs. Nov. 8/2007	8:30 a.m.	JJ
Fri. Nov. 9/2007	8:30 a.m.	JJ
Mon. 12/07	8:00 a.m.	JJ
Tues. 13/07	8:30 a.m.	JJ
Wed. 14/07	8:30 a.m.	JJ
Thurs. 15/07	8:30 a.m.	JJ
Fri. 16/07	8:30 a.m.	JJ
Mon. 19/07	8:00 a.m.	JJ
Tues. 20/07	8:30 a.m.	JJ
Wed. 21/07	8:30 a.m.	JJ
Thurs. 22/07	8:30 a.m.	JJ
Fri. 23/07	8:30 a.m.	JJ
Mon. 26/07	8:00 a.m.	JJ
Tues. 27/07	8:30 a.m.	JJ
Wed. 28/07	8:30 a.m.	JJ
Thurs. 29/07	8:30 a.m.	JJ
Fri. 30/07	8:30 a.m.	JJ
Mon. Dec. 3/07	8:00 a.m.	JJ
Tues. Dec. 4/07	8:30 a.m.	JJ
Wed. 5/07	8:30 a.m.	JJ
Thurs. 6/07	8:30 a.m.	JJ

ph. # 613 236
3108

Betty Hyde
Co-operative N.S
317 Chapel St.
Ottawa K1N7T7

2 of 3

January 2007

Flushing for Lead

According to Ontario Regulation 173/03 all schools, private schools and day nurseries must flush their plumbing for lead on at least a weekly basis. Flushing ensures that stale water that may contain higher lead levels is not consumed.

To flush the system, open the last cold-water tap on each branch of plumbing or at the fixture(s) where water is commonly taken for drinking or food preparation, and allow the water to run for at least one minute.

The requirement includes:

- flushing the system before the facility opens on the first day of each week
- allowing flushing to continue until the water temperature stabilizes (at least one minute)
- recording the date, time and name of the person who performed the flushing and retaining the record for 5 years

Date	Time	Name of Person Flushing
Wed. Oct. 3	8:30	JS
Thurs. Oct. 4	8:30	JS
Fri. Oct. 5	8:30	JS
Tue Oct Oct 9	7:40	JS
WED Oct 10	8:30	JS
Thurs. Oct. 11	8:30	JS
Fri. Oct. 12	8:30	JS
Mon. Oct. 15	8:00	JS
Tues. Oct. 16	8:30	JS
Wed. Oct. 17	8:30	JS
Thurs Oct 18	8:30	JS
Fri. Oct. 19	8:30	JS
Mon Oct 22	8:30	JS
Tues Oct. 23	8:30	JS
Wed. Oct. 24	8:30	JS
Thurs. Oct. 25	8:30	JS
Fri. Oct. 26	8:30	JS
Mon. Oct. 29	8:30	JS
Tues Oct 30	8:30	JS
Wed. Oct. 31	8:30	JS
Thurs. Nov. 1/07	8:30	JS
Fri. Nov 2/07	8:30	JS
Mon. Nov 5/07	8:00	JS

3 of 3

January 2007

Flushing for Lead

According to Ontario Regulation 173/03 all schools, private schools and day nurseries must flush their plumbing for lead on at least a weekly basis. Flushing ensures that stale water that may contain higher lead levels is not consumed.

To flush the system, open the last cold-water tap on each branch of plumbing or at the fixture(s) where water is commonly taken for drinking or food preparation, and allow the water to run for at least one minute.

The requirement includes:

- flushing the system before the facility opens on the first day ^{part of each} ~~of each week~~
- allowing flushing to continue until the water temperature stabilizes (at least one minute)
- recording the date, time and name of the person who performed the flushing and retaining the record for 5 years

Date	Time	Name of Person Flushing
Fri. Dec 7/07	P.D. Day	
Mon. Dec 10/07	8:00	JK
Tues. Dec 11/07	8:30	JK
Wed. Dec 12/07	8:30	JK
Thurs Dec. 13/07	8:30	JK
Fri 14/07	8:30	JK
Mon 17 th	8:00	JK
Tues 18 th	8:30	JK
Wed 19	8:30	JK
Thurs 20	8:30	JK
Fri 21	8:30	JK
Mon January 7	8:30	JK
Tues Jan. 8	8:30	JK
Wed Jan. 9.	8:30	JK
Thurs Jan 10	8:30	JK
Fri Jan 11.	8:30	JK
Mon 14 th	8:00	JK
Tues 15 th	8:30	JK
Wed 16 th .	8:30	JK
Thurs 17 th	8:30	JK
Fri 18 th	8:30	JK
Mon 21	8:00	JK
Tues 22	8:30	JK

C.O.C.: --

REPORT No. B08-24778

Report To:

Andrew Fleck C.C.S. - Chapel St.
 317 Chapel Street
 Ottawa, Ontario, K1N 7Z2

Attention: Kate Carradine

Caduceon Environmental Laboratories

2378 Holly Lane
 Ottawa, Ontario, K1V 7P1
 Tel: 613-526-0123
 Fax: 613-526-1244

DATE RECEIVED: 25-Jul-08

JOB/PROJECT NO.: All Saints Anglican Church Site

DATE REPORTED: 13-Aug-08

P.O. NUMBER: Licence #4355

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

Parameter:	Lead				
Units:	mg/L				
M.D.L.:	0.00002				
Reference Method:	EPA 200.8				
Date/Site Analyzed:	13-Aug-08/O				
Client I.D.	Sample I.D.	Date Collected			
All Saints Anglican Church Site - Standing	B08-24778-1	17-Jul-08	0.00028		
All Saints Anglican Church Site - Flushed	B08-24778-2	17-Jul-08	0.00031		

*attention
 Jaran Beatty*

*rec'd At 7:30
 Sept 4/08
 J-08*

from
 Bettye Hyde Co-op
 317 Chapel St.
 Ott. Ont
 K1N 7Z2

Greg Clarkin

Greg Clarkin, BSc., C. Chem
 Lab Manager - Ottawa District

M.D.L. = Method Detection Limit

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,P-Peterborough,M-Moncton

Accredited by CAEAL for specific tests.

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

Attention :

Jaram Beaty
416 - 212 - 7576

from Bettye Hyde Coop Nursery
School
317 Chapel St.
Ottawa
K1N 7Z2

box sent
2/4/08
ij

Lab # 2217 - City of Ottawa
Cassels St. - Ended Feb 19/06

Cody Mitchell of Bettye Hyde said
the landlord (Anglican Church)
sampled

- No LSN from Bettye Hyde

Re DW# 500120979



LABORATORY REPORT - WATER QUALITY SECTION

PARAMETER	CUSTOMER SAMPLE	TREATED WATER (Normal Range or Average)	Maximum Allowable Concentration
Total Chloramine (mg/L)	2.20	0.20 - 2.00	NL
pH	9.30	6.9 - 9.6	6.5 - 8.5 (OG)
Turbidity (NTU)	0.15	0.10 - 0.50	1.0 (Plant Effluent, HO) 5.0 (Consumer's Tap, AO)
Lead (ppb)	<0.5	<0.5	10 (HO)

- NL** = No limit exists under Canadian or Ontario Drinking Water Standards
OG = Operational Guideline (not health related)
HO = Health Objective (health related)
AO = Aesthetic Objective (not health related)
mg/L = Milligrams per litre = ppm (parts per million)
mL = Milliliter
µmhos/cm = Micromhos per centimeter
NTU = Nephelometric Turbidity Unit
< = less than

Sampling Date: July 18, 2007

Sample Location - 317 Chapel St.

*Shaping our future together
Ensemble, formons notre avenir*

City of Ottawa
 Transportation, Utilities and Public Works
 Department
 Drinking Water Services
 2731 Cassels Street
 Ottawa, ON K2B 1A8
 Tel: (613) 580-2400
 Fax: (613) 721-4220
 www.city.ottawa.on.ca
 www.city.ottawa.on.ca

Ville d'Ottawa
 Transport, services et travaux publics
 Services de l'eau potable
 2731, rue Cassels
 Ottawa, ON K2B 1A8
 Tél.: (613) 580-2400
 Téléc: (613) 721-4220
 www.ville.ottawa.on.ca
 www.city.ottawa.on.ca



4/Nov/16

Ministry of the Environment
Ottawa District Office
2430 Don Reid Dr.
Ottawa, ON
K1H 1E1

Re: Request for Information
Civic Address: 315 Chapel Street, Ottawa, ON
Legal Description: Plan 37220 Lot 9 to 12, Laurier Ave. Pt Lots 3 and 4, W Blackburn Ave.,
PIN 04080021

Dear Sir/Madam,

We have been authorized to perform a Phase I Environmental Site Assessment (ESA) for the above-noted property located in the City of Ottawa, Ontario. As part of the ESA we are required to review past environmental occurrences on the subject property. In order to perform this part of the research, we would like to enquire as to whether or not your office has any record of Orders, Approvals or other documentation pertaining to this property.

Thank you in advance for all of your assistance with this request.

If you have any further questions or require further clarification, please do not hesitate to contact the undersigned.

Yours Truly,

A handwritten signature in blue ink that reads 'M. Coyle'.

Meghan Coyle, B.Sc.

Ext. 2260

m.coyle@mcintoshperry.com

CP-16-0545 - Phase I - Request to MOE for Orders and Approvals..doc

Meghan Coyle

From: Public Information Services <publicinformationservices@tssa.org>
Sent: November-16-16 11:03 AM
To: Meghan Coyle
Subject: RE: Records for site in Ottawa, Ontario

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.



Suman Guram | Coordinator

Records
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6203 | Fax: +1-416-231-6183 | E-Mail: sguram@tssa.org
www.tssa.org



From: Meghan Coyle [<mailto:m.coyle@mcintoshperry.com>]
Sent: Wednesday, November 16, 2016 8:04 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records for site in Ottawa, Ontario

Dear Sr/Madam

We are preparing a Phase I Environmental Site Assessment (ESA) for a property located in Ottawa, ON

Civic Address: 315 Chapel Street, Ottawa, ON

Legal Description: Plan 37220 Lot 9 to 12, Laurier Ave. Pt Lots 3 and 4, W Blackburn Ave., PIN 04080021

We trust the above is satisfactory. However, please do not hesitate to contact me if you have any questions

Meghan Coyle, B.Sc.

Environmental Scientist

115 Walgreen Road, R R 3, Carp, ON K0A 1L0

T. 613.836.2184 (2260) | F. 613.836.3742 | C. 613.868.2551
m.coyle@mcintoshperry.com | www.mcintoshperry.com



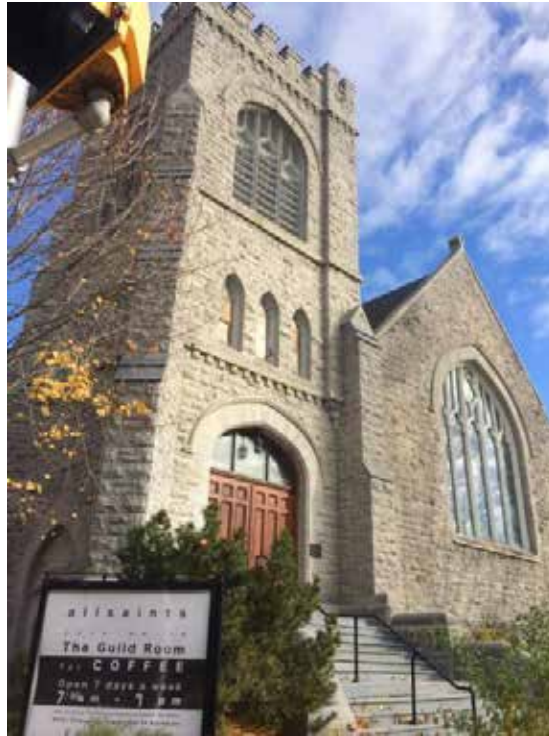
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APPENDIX D ECOLOG ERIS REPORT

APPENDIX E SITE PHOTOGRAPHS



Photograph 1. View, looking northeast, of the entrance to the church located on the subject property



Photograph 2. View, looking east of the parking area and entrance to the Bates Hall, located on the subject property



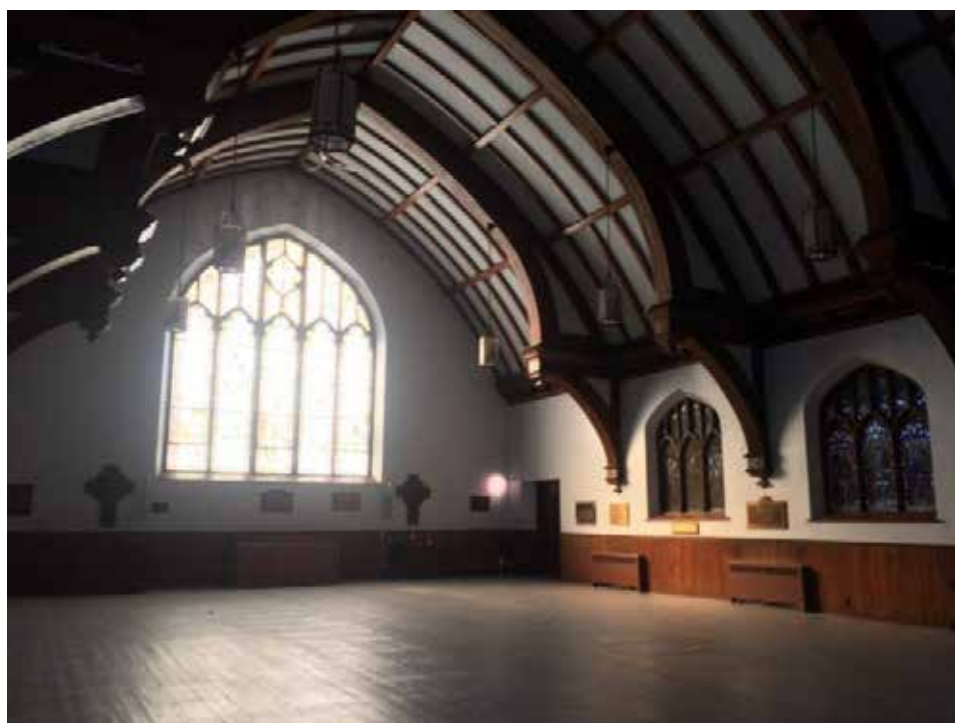
Photograph 3. View, looking northwest, of the playground located on the subject property



Photograph 4. View, looking southeast, of a monitoring well and fence line located to the north of the play structure, located on the subject property



Photograph 5. View, looking northwest, of community gardening boxes, located on the subject property



Photograph 6. View of the interior of church, located on the subject property



Photograph 7. View of the interior of church, located on the subject property



Photograph 8. View of



Photograph 9. View of the interior of the Bates Hall, located on the subject property



Photograph 10. View of the interior of the Bates Hall, located on the subject property



Photograph 11. View of the mechanical room, located in the basement of the church



Photograph 12. View of the mechanical room, located in the basement of the church



Photograph 13. View of the mechanical room, located in the basement of the church



Photograph 14. View of a furnace, located in the mechanical room of the church



Photograph 15. View of a sump pit, located in the mechanical room of the church



Photograph 16. View, looking northeast, of Blackburn Ave. and residential located to the east of the subject property



Photograph 17. View, looking northeast, of Laurier Ave. East and residential properties located to the north of the subject property.



Photograph 18. View, looking southeast, of Chapel Street and residential and commercial buildings located to the south of the subject property.



Photograph 19. View, looking northeast, of Osgoode Street located to the southeast of the subject property

APPENDIX F INTERVIEW AND INSPECTION REPORTS

Phase I ESA Interviews

Interviewer (MPCE) Meghan Coyle MPCE Project No. CP-16-0545

Interviewee Leanne

Relationship to Subject Property Owner Time Associated with Property: Dec 18, 18th (logos)
 Date 9-Nov-16 Date Property was developed: ~ 1900's
→ owner
↳ church day care

Potential Item of Concern	Interview Comments
Accidents/Spills	no
Previous Use of Site	1900's church
Adjacent Properties	residential / office space
Fuel Handling/Storage	no
Maintenance/Operational Areas	-
Hazardous Materials Storage	no
Salt Storage	no

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	former above ground tanks - in basement
Odours	—
Potable Water	municipal
Septic and Wastewater Discharges	municipal
Pesticides	no
Mould	no
Heating and Cooling Systems	none
Major Mechanical Equipment	boiler (x2) Steam + Hot H ₂ O
Waste Oils, Solvents, Batteries	No
PCBs	removed ballasts
Asbestos	existing DSE - send - plates some removals (ceilings)
Lead Paint	" "

Potential Item of Concern	Interview Comments
ODS	-
Electromagnetic Radiation	no
UFFI	-
Mercury	-
Radon Gas	-
Soil and Groundwater Conditions	↳ good → testing completing for municipal garden
Wells	no
Waste Disposal and Recycling	residential city pick-up
Fill Material	n/a
Floor Drains/OWS (discharge locations)	None Basement - FOSHUM slugs slugs
Other	9 storey residential / hotel? mixed used commercial ↙

Future use of property: _____

9/NOV/16

Exterior Observations

MPCE Project:	CP 16-0545
MPCE Personnel:	Meghan Coyle
Site:	315 Chapel Street
Area:	Church/Building ext
Weather:	6° sun/cloud/windy
Time of arrival and exit on and off site:	12:15pm - 1:15
Property use/occupancy at time of inspection:	Church/offices Spale
Topography:	higher than roadway, slopes towards road area Super: E/S
Drainage features and hydrogeological conditions:	roadway, overland flow
Vegetation; (stressed?)	N/A
Soil/rock:	na
Presence of power lines:	along chapel st.
Air quality and atmospheric deposition from fuel combustion:	OK
Noise:	cars
Septic or wastewater discharges; (details of sewage works)	municipal
Potable/non-potable water supply:	municipal
Wells on the property; (well details)	1 MW - geotech?
Fill (potentially contaminated) on the property, debris:	none
Waste disposal areas (solid waste, sewage, pits, lagoons):	none tso
Staining on ground, vegetation, pavement:	no
Standing structures on the property; (other improvement)	church & attached building, play structure
Below ground structures:	—
Above/underground storage tanks:	no

Underground service trenches ;	likely
Drains, pits, sumps (where do they discharge)	interior sump - city sewer
Stains and/or corrosion near drains, pits sumps	no
Current and former railway lines ;	no
Potentially contaminating activities ;	none
Unidentified substances	none
Pesticide/fertilizer storage/usage;	none
Water bodies on or near site	none
Land use (and actual and/or potential items of environmental concern) on adjacent properties.	residential / commercial

Interior Observations

MPCE Project: CP-16-0545	
MPCE Personnel: Megan Coyle	
Site: 315 Chapel St.	Building: Church/office
Weather: 60° sun/cloud/windy	
Time of arrival and exit on and off site: 12:15 - 1:15	
Property use/occupancy at time of inspection: Church offices / cafe	
Stains on walls, floors, and/or ceilings;	-water stains in basement
Indoor Air Quality	OK
Potential presence of radon gas;	?
Floor drains, catch basins, cracks in floors; pits, sumps (where do they discharge)	Sump in basement for boiler system ↳ city sewer?
Stains and/or corrosion near drains, pits sumps	no
Waste storage areas;	no
Mould on interior building surfaces;	none observed
Heating, cooling, and ventilation systems;	Boiler system in basement of church
Generators and other large mechanical equipment	Boilers / furnace
Sources of electromagnetic radiation;	/
Above/underground storage tanks	/
Potential ozone depleting substance	/
Potential presence of polychlorinated biphenyls (fluorescent lamp ballasts, transformers, hydraulic equipment);	/
Potential asbestos containing materials	see DSR
Potential lead-containing paint	" "
Potential lead-containing water pipes;	none observed
Potential mercury containing equipment;	none observed

Potential silica-containing materials	Stone foundation
Urea formaldehyde foam insulation	/
Inventory of potentially hazardous materials stored on site (swimming pool chemicals, pesticides, fertilizers, batteries)	cleaners, paint, general household use
Unidentified substances	/

APPENDIX G QUALIFICATIONS OF ASSESSORS

Experience

10 Years, joined McIntosh Perry in 2016

- 120+ Phase I ESAs
- 70+ Phase II ESAs
- 20+ Remediation Programs
- 10+ RSC Applications
- 15+ Permit To Take Water Applications

Education

- Bachelor of Applied Science, Environmental Engineering (Co-op), University of Waterloo, 2008

Affiliations

- Professional Engineers Ontario (PEO)
- International Association of Hydrogeologists

Continuing Education

- Critical Thinking in Aquifer Test Interpretation, 2009
- Contaminated and Hazardous Waste Site Management, 2010

Dan joined McIntosh Perry's Environmental team in June 2016. Dan has significant experience in contaminated site assessment and remediation for the land development industry, and has provided services in project management, geotechnical inspection, hydrogeology, environmental monitoring, and aggregate resource assessment to numerous public and private sector clients throughout Ontario.

Relevant Project Experience

Technical Support Services – Deloro Mine Site Cleanup

- Legacy mine and processing site with significant chemical and radiological contamination, currently being remediated by Ontario Ministry of the Environment and Climate Change
- Provided technical support services to Contract Administration staff during excavation of contaminated soil and sediment and segregation in engineered containment cells
- Prepared reports, plans, reviewed data provided by others, prepared package in support of clearance of site from regulation by Canadian Nuclear Safety Commission
- **Role: Project Engineer**

Soil Remediation Program – Five MTO Patrol Yard, Southwestern Ontario

- Remediation of soil and groundwater impacts associated with petroleum hydrocarbon usage
- Coordinated remedial excavation (developed work plan, arranged locates, coordinated contractor, supervised field staff)
- Prepared summary reports
- **Role: Project Engineer**

Phase I ESA and Investigative Work Plan – MTO Webequie Airport

- Active remote airport with diesel generating station
- Identified areas of potential concern, including numerous fuel tanks and storage areas
- Prepared a technical review of previous reports, compiled the Phase I ESA report and proposed work plan for additional investigations
- **Role: Senior Engineer**

Record of Site Condition – Island Harbour Club, Gananoque

- Former industrial site, concerns included rail spur line and bulk fuel oil storage
- Completed Phase II ESA, soil and groundwater remediation program, quarterly monitoring post-remediation
- Coordinated RSC application process
- **Role: Project Manager, Qualified Person**

Daniel J. Arnott, P.Eng., Geo-Environmental Engineer

Soil Remediation Program – Seven Residential Apartment Buildings, Alta Vista Drive, Ottawa

- Investigation and remediation of soil impacts associated with former fuel oil USTs
- Supervised remedial excavation, ensured underpinning of foundations was completed in accordance with direction provided by structural engineer
- Obtained confirmatory soil and groundwater samples, prepared summary report
- **Role: Project Engineer**

Remediation of Bulk Fuel Terminal Site – Hunt Club Road, Ottawa

- Former bulk fuel terminal site being redeveloped as commercial
- Supervised excavation of contaminated soil, collection of free-phase LNAPL product, operation of on-site pump-and-treat system
- Liaised with consultant acting on behalf of prospective purchaser
- Completed confirmatory excavation sampling and borehole and test pit excavation program
- **Role: Field Supervisor**

Remediation Supervision and Caisson Inspection – Elgin Street, Ottawa

- Former parking lot being redeveloped with high-rise commercial building
- Supervised segregation and removal of impacted fill material
- Completed inspection of caissons following rock drilling, prior to insertion of rebar cage and concrete
- **Role: Project Engineer**

Remediation and Record of Site Condition – Cotton Mill Lofts, Cornwall

- Former textile factory building, being redeveloped as residential and commercial
- Site soils impacted with PAHs and heavy metals
- Supervised removal of impacted soil within and outside of building
- Coordinated RSC application process
- **Role: Project Manager, Qualified Person**

Record of Site Condition – Former Si Miller Arena, Cornwall

- Former arena site with soil and groundwater impacts due to chiller brine and former fuel tank
- Reviewed investigative and remedial work by others; designed and completed supplemental Phase II ESA to address data gaps
- Coordinated RSC application process for initial phase of development
- **Role: Project Manager, Qualified Person**

Record of Site Condition – High-Rise Development, Slater Street, Ottawa

- Former rental car business and garage, more recently used as parking lot, to be redeveloped as hotel and condominium
- Completed Phase I and Phase II ESA, site remediation, confirmatory groundwater monitoring, coordinated RSC application
- **Role: Project Manager, Qualified Person**

Level 1 and 2 Hydrogeological Study – Proposed MacLeod III and V Quarries, South Stormont

- Proposed expansion to existing quarry; reports prepared in support of licensing under the Aggregate Resources Act
- Coordinated well drilling, hydraulic conductivity testing and water quality sampling
- Assessed potential for impacts to surrounding water wells
- Prepared summary report in accordance with requirements of the Aggregate Resources Act and provided hydrogeological input to site plans for quarry
- **Role: Project Engineer**

Well Capacity Assessment – Dwyer Hill Estates, Ottawa, Ontario

- Existing mobile home community serviced by private well and drinking water treatment system
- Assessed hydrogeological capacity of existing water well to serve development under full buildout (45% increase in number of residential units)
- Designed and conducted an unconventional pumping test, simulating demand under full buildout while maintaining drinking water supply to community during test
- Prepared summary report documenting findings
- **Role: Project Engineer**

Hydrogeological Study – Kanata North Urban Expansion Area

- Hydrogeological Existing Conditions study in support of proposed expansion of City of Ottawa urban boundary
- Supervised junior staff in completion of borehole drilling and hydraulic conductivity testing program
- Prepared report incorporating site-specific findings and recommendations for development
- Coordinated comment and review process with City and clients
- **Role: Project Engineer**

Soil Vapour Assessment – Alta Vista Drive, Ottawa

- Commercial site with significant VOC impacts in groundwater
- Supervised the installation, purging, and sampling of soil vapour probes as per MOECC guidance document
- Prepared summary report, using MOECC generic model and Johnson-Ettinger model to estimate indoor air concentrations based on soil vapour concentrations
- **Role: Project Engineer**

Spill Response Plans – Solar Farms, Port Hope and Sault Ste. Marie, Ontario

- Reviewed Renewable Energy Approval documents, stormwater management plans, topographical surveys, and available information regarding hazardous materials on-site (transformer oil, backup batteries)
- Prepared spill response plan documents to be followed by the operations and maintenance contractors for the solar farm sites, detailing measures to be taken in the event of a release of hazardous materials or sediment-laden runoff
- **Role: Project Engineer**

Groundwater Remediation Program – Highway 15, Kingston

- Large development site with localized groundwater VOC impacts due to past waste disposal practices
- Completed site visit, test pit investigation, several groundwater sampling events
- Delineated VOC impacts in groundwater, supervised operation of on-site groundwater treatment system
- **Role: Project Engineer**

Daniel J. Arnott, P.Eng., Geo-Environmental Engineer

Deep Well Installation Program – Chlorinated Solvent Site, Hamilton Avenue, Ottawa

- Former industrial site with significant VOC plume in groundwater
- Supervised drilling, casing, grouting, and overdrilling of deep borehole intended to delineate the vertical extent of the contamination while passing through the highly-contaminated zone without further mobilization of contaminants
- **Role: Project Engineer**

Annual Monitoring – Mattawa Landfill Site

- Prepared annual monitoring report for four (4) consecutive years
- Coordinated with local field staff retained directly by Town of Mattawa
- Made recommendations for improvement of groundwater monitoring network
- Assessed surface water trigger concentrations at site boundary
- **Role: Project Manager**

Record of Site Condition – Condominium Development, Wellington Street West, Ottawa

- Former retail fuel outlet and institutional building, to be redeveloped as commercial and residential
- Completed Phase I and Phase II ESA, coordinated RSC application
- **Role: Project Manager, Qualified Person**

Record of Site Condition – Condominium Development, McRae Avenue, Ottawa

- Former mixed-use industrial and commercial site with soil impacts associated with former garage
- Completed confirmatory groundwater monitoring following remediation, coordinated RSC application
- **Role: Project Manager, Qualified Person**

Record of Site Condition – Condominium Development, Beechwood Avenue, Ottawa

- Former retail fuel outlet/automotive service garage, to be redeveloped as residential
- Completed confirmatory groundwater monitoring following remediation, coordinated RSC application
- **Role: Project Manager, Qualified Person**

Phase I and II ESA – Steamline Street, Ottawa Train Yards

- Former warehouse/intermodal terminal
- Completed site visit, identified areas of potential concern, including fill material and historic hydraulic oil spill
- Directed field staff during borehole drilling and monitoring well installation program
- **Role: Project Manager**

Phase I and II ESA – Industrial Avenue, Ottawa

- Active construction equipment rental yard and repair garage
- Coordinated subsurface investigation to address areas of concern while minimally disrupting on-site activities
- **Role: Project Manager**

Daniel J. Arnott, P.Eng., Geo-Environmental Engineer

Phase I and II ESA, Remediation and RSC – Walkley Road, Ottawa

- Former railway right-of-way and associated materials storage area; hotel and residential use proposed
- Supervised borehole drilling, monitoring well installation, and excavation and off-site disposal of impacted fill layer
- Completed confirmatory groundwater monitoring following remediation, coordinated RSC application
- **Role: Project Manager**

Phase II ESA – King Street West, Gananoque

- Former residential property significantly impacted by off-site source
- Delineated soil and groundwater impacts, prepared detailed remedial action plan with options to address contamination at source and/or receptor properties
- **Role: Project Manager**

Permit To Take Water – Lansdowne Park, Ottawa

- Permit for dewatering of excavations for footings and underground parking areas
- Completed periodic inspections and assisted client with data reporting to MOECC
- **Role: Project Engineer**

Permit To Take Water – Subdivision and Stormwater Management Pond, Avalon West Subdivision, Ottawa

- Permit for dewatering of service trench excavations and for diversion and dewatering of temporary stormwater management pond during construction of permanent pond
- **Role: Project Manager**

Record of Site Condition – Beckwith Street, Carleton Place

- Vacant property adjacent to former retail/garage property with VOC groundwater impacts
- Additional groundwater concerns due to water main break (chloroform)
- Delineated groundwater impacts, coordinated RSC application
- **Role: Project Manager**

Hydrogeological Monitoring and Geotechnical Inspection – Simcoe County Landfill Site 41

- Supervised placement of engineered fill and compaction of clay as part of site servicing and development
- Completed routine erosion control inspection and surface water and groundwater quality monitoring during construction
- Controversial site with significant resistance by general public
- **Role: Field Supervisor**

Hydraulic Conductivity Testing Program – Proposed Duntroon Quarry

- Completed extensive field hydraulic conductivity testing to provide calibration data for hydrogeological model
- Tests included single well response, pumping, and injection tests
- Analyzed field data and produced report summarizing hydrogeological conditions and hydraulic conductivity testing results
- **Role: Project EIT**

Daniel J. Arnott, P.Eng., Geo-Environmental Engineer

Aggregate Resource Assessments and Hydrogeological Studies – MTO Northeastern Region

- Several pit and quarry sites in northeastern Ontario, as part of assignment numbers 5007-E-0062 and 5008-E-0040
- Supervised excavation and drilling contractors, collected overburden, bedrock, and groundwater samples, completed hydraulic conductivity testing
- Prepared Summary Statement and Hydrogeological Level 1 reports
- **Role: Project EIT**

Hydrogeological Testing Program – Proposed Quarry, Melancthon Township

- Completed borehole drilling, monitoring well installation, and hydraulic conductivity testing (pump and packer testing)
- Prepared summary report of proposed dewatering options
- **Role: Project EIT**

Groundwater Monitoring – Sir Adam Beck 3 Tunnel, Niagara Falls

- Approximate 10 km tunnel to provide additional capacity to hydroelectric generating station
- Completed bi-weekly monitoring and quarterly sampling of approximately 45 wells in various geological formations, up to 100 m deep
- **Role: Field EIT**

GENERAL WORK EXPERIENCE AND EXPERTISE

Phase I Environmental Site Assessments (GENERIC)

- Coordination of site access, completion of research, site visits, and reporting
- Supervision and mentoring of junior staff in completing the above tasks, budget control
- Approximately 120+ Phase I ESAs completed to CSA and MOECC standards
- **Role: Project Engineer, Project Manager**

Phase II Environmental Site Assessments (GENERIC)

- Coordination of service locates and drilling/excavation contractors, site access, review of soil samples, preparation of borehole logs, review of laboratory results, and preparation of reports
- Supervision and mentoring of junior staff in completing the above tasks, budget control
- Approximately 70+ Phase II ESAs completed to CSA and MOECC standards
- **Role: Project Engineer, Project Manager**

Permits To Take Water (GENERIC)

- Desktop review of existing geological and hydrogeological information
- Coordination of project-specific borehole drilling, monitoring well installation, and/or hydraulic conductivity testing as required
- Preparation of PTTW application package and coordination with client
- Approximately 20+ PTTW applications completed
- **Role: Project Manager**

Meghan Coyle, B.Sc. (Hons), Environmental Scientist



Experience

10 years as an Environmental Scientist, 7 years with McIntosh Perry

- Participated in the successful remediation of a fuel oil spill at a commercial property. This involved delineating the extent of contamination, excavation of the contaminated area and confirmatory soil sampling and groundwater monitoring.

Education

- Bachelor of Science Degree- Environmental Science, Carleton University.

Affiliations

- Secret Government Clearance
- Joint Health and Safety Committee Certified Member Training – Part One and Part Two Training: workplace hazards (2012)
- National Environmental Health Association – National Radon Proficiency Program (NEHA-NRPP)
- “Trained Person” per O.Reg 170/03 (Drinking Water Systems)

Meghan has been with McIntosh Perry since 2010, she also has three years’ prior experience. Meghan is an environmental scientist and has experience in various fields. She has completed numerous environmental investigations (i.e. Phase 1 and Phase 2 ESAs, groundwater monitoring programs and subsurface soil investigation) at a wide variety of sites, including remote airport sites in northern Ontario.

Relevant Projects

Contaminated Site Assessments (Environmental Site Assessment (ESA))

North Western Ontario – MTO Owned Properties

- Project coordinator and field staff for a Phase 1 ESA at a remote airport in northern Ontario; Webequie Airport. Organized and conducted site visit at the remote airport, which could only be accessed by airplane. Reviewed existing environmental reports prior to site reconnaissance, noted any changes to the site based on historical information. Presented findings in a report; which included recommendations and costing for further investigations on the airport property.
- Project coordinator and site supervisor for a groundwater monitoring and drilling program at a remote airport in northern Ontario; Big Trout Lake Airport. Coordinated a drilling program at a remote airport, which could only be accessed by airplane. Tasks included overseeing drilling using portable drilling equipment, soil logging and sampling; sampling of newly installed and existing monitoring wells (including existing recovery wells for existing hydrocarbon impacts) as well as surface water sampling; surveying of newly installed monitoring wells in relation to existing conditions; conduct a rising head test on a monitoring well. Presented findings on a report; which included further delineating known hydrocarbon impacts on the site.
- Project scientist for a groundwater monitoring at three MTO Patrol yards in northern Ontario. Coordinated the multi-year project, conducted field work (groundwater monitoring sampling), data review, and report writing after the completion of bi-annual monitoring of the sites for two years.
- Project scientist for a test pitting and groundwater monitoring and sampling an MTO Patrol yard in northern Ontario (Savant Lake). Involved in coordination of the project, conducted field work (test pit supervision, soil logging and groundwater sampling), data review, and report writing.

Other relevant Ministry projects

- Project scientist for Phase 1 and Phase II ESA at over 45 highway patrol yards in Ontario. Meghan was Involved in coordination of the projects, conducted field work (drilling supervision, borehole logging, soil and groundwater sampling), and completed data review and report writing.

Meghan Coyle, B.Sc. (Hons), Environmental Scientist

- Project coordinator for a Phase II ESA at a current highway site; highway widening. Mrs. Coyle was involved in borehole and monitoring well installation, as well as related soil, groundwater and surface water sampling as well as report preparation.
- Project coordinator for a subsurface soil investigation at a former roadway property. Meghan was involved in test pitting which included a soil investigation.
- Preparation of remediation plans for five Patrol yards identified to have impacts soil and/or groundwater, during Phase 2 investigation completed by McIntosh Perry. Work involved creating a work plan to oversee the remediation of impacted soils (PHCs and PAHs) and to further delineate impacted groundwater (PHCS).

Phase 2 Environmental Site Assessments for former Rail Line Properties

- Project coordinator and field staff for Phase 2 ESA's for two former rail line properties located in the City of Pembroke and Lanark County. Work involved overseeing of drilling of several borehole and monitoring wells and associated soil and groundwater sampling to assess environmental conditions along the former rail lines. Meghan was also responsible for data collection and review and report preparation.

Phase 1 and 2 Environmental Site Assessment for the City of Ottawa

- McIntosh Perry has been retained by the City of Ottawa under retainer to complete Phase 1 and 2 Environmental Site Assessments (ESA). Projects have involved Phase 1 ESAs for City owned properties for due diligences purposes. Meghan coordinated a Phase 1 ESA as part of a roadway development within the City; which involved site reconnaissance, review of background information, presentation of finding in a report.
- Meghan was also the project coordinator for Phase 1 and 2 Due Diligence Assessment for a City property previously identified to have petroleum hydrocarbon impacted soils on the site. The project involved conducting a test pitting and drilling program to assess soil conditions on the site. Several monitoring well were also installed and sampled as part of the investigation. Results of the investigation were presented in a report, including tables and figures.

Project coordinator for Phase 1 ESAs at numerous sites; including commercial, industrial, rural and residential properties, across Ontario.

- The projects involved coordination with clients, site walk throughs of the properties, historical research, interviews, aerial photo analysis and presentation of the findings in a comprehensive detailed report. In some cases a cost estimate was also included for the completion of Phase II ESAs related to the areas of potential environmental concern identified in the Phase I ESAs.

Project coordinator for several Phase One ESAs, as per O.Reg 153/04, as amended

- Involved in the completion of several Phase One ESAs, as per O.Reg 153/04, as amended, for commercial properties located in the City of Ottawa. These properties have been identified on the City's hazardous land use inventory (HLUI); therefore Phase One ESAs, as per O.Reg 153/04, as amended were required by the City. Projects involved coordination with clients, site walk throughs of the properties, historical research, interviews, aerial photo analysis and presentation of the findings in a comprehensive detailed report; as well as the review all available information and determine if any 'Potentially Contaminating Activities' (PCAs) have occurred at the subject site or on surrounding properties.; the review all available information and determine if there are any 'Potential Environmental Concerns' on, in, or under the subject property and the completion of a Phase One Conceptual Site Model. Submission for record of site condition (RSC) was note required.

Meghan Coyle, B.Sc. (Hons), Environmental Scientist

Project coordinator for Phase 2 ESAs at numerous sites, including federal, commercial, industrial, rural and residential properties, across Ontario.

- The assessments involved borehole drilling and test pitting for soil analysis and logging as part of the soil investigations. As well as the completion of groundwater monitoring and sampling, for contaminants of concern such as: petroleum hydrocarbons, volatile organic compounds, metals, and polycyclic aromatic hydrocarbons and glycols. These investigations were followed by data analysis and presentation of findings in a report. As well as the inclusion of a cost estimate to remediate areas of contamination, where necessary.

Participated in a Phase 2 ESA at a federal museum property in Quebec

- Involved in project coordination and field activities such as borehole drilling for soil analysis and logging, as well as groundwater monitoring and sampling, for petroleum hydrocarbons, volatile organic compounds, metals, and polycyclic aromatic hydrocarbons.

Participated in a Phase One ESA, as part of filing for Record of Site Condition at an industrial property.

- Involved in Phase One ESA investigation for an industrial property, in the process of re-zoning the property to community use. Mrs. Coyle completed the site visit and participated in historical research, interviews, aerial photo analysis and presentation of the findings in a comprehensive detailed report, as well as filing for the record of site condition.

Daniel Arnott

From: Daniel Arnott
Sent: June 8, 2017 9:03 AM
To: 'abdul.mottalib@ottawa.ca'
Cc: 'Leanne Moussa'; Barrett Wagar; Curtis Melanson; Mark Priddle
Subject: RE: Qualified Professional - All Saints development application

Good morning Abdul:

I recently had a conversation with Allison Hamlin, who indicated that the comment below originated with your review of our report.

With this email, I am pleased to confirm that I am a Qualified Person as defined by O.Reg. 153/04 as amended, for the purposes of completing environmental site assessments. The regulation states that:

Qualified persons, other than risk assessment

5. (1) A person referred to in subsection (2) meets the qualifications to be a qualified person for the purposes of,

- (a) conducting or supervising a phase one environmental site assessment;
- (b) conducting or supervising a phase two environmental site assessment; and
- (c) completing the certifications that must be completed by a qualified person in a record of site condition in respect of a property. O. Reg. 66/08, s. 2.

(2) A person meets the qualifications to be a qualified person for the purposes of subsection (1) if,

- (a) the person holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, or
- (b) the person holds a certificate of registration under the *Professional Geoscientists Act, 2000* and is a practising member, temporary member or limited member of the Association of Professional Geoscientists of Ontario. O. Reg. 66/08, s. 2.

I currently hold a Professional Engineer (P.Eng.) license under the Professional Engineers Act (license # 100138201). My license profile is available on the publicly-searchable PEO Directory of Practitioners. Please see the link below and type in "Daniel" under the "First Name" field and "Arnott" under the "Last Name" field to view my profile with PEO.

http://forum.peo.on.ca/cgi-bin/EPIM_Search/EPIM_Form_Search.do

Further, I am registered as a Qualified Person with the Ontario Ministry of the Environment and Climate Change. I have filed 10 Records of Site Condition (RSCs) as a Qualified Person. Please refer to the link below:

https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search

If you type "Arnott" into the "QP's Last Name" field, you will be able to view the RSCs I have filed.

If you require further confirmation, please advise me as to the type of documentation that will satisfy your requirements, and I will arrange to provide this to you as soon as possible.

I also understand based on my conversation with Allison that you wish to discuss the conclusions of our Phase 1 ESA. Please provide your concerns to me in writing and I will be happy to address them.

Very best regards,
Dan

Dan Arnott, P.Eng.

Geo-Environmental Engineer

115 Walgreen Road, R.R. 3, Carp, ON K0A 1L0

T. 613.836.2184 (ext 2295) | F. 613.836.3742 | C. 613.897.8818

d.arnott@mcintoshperry.com | www.mcintoshperry.com

McINTOSH PERRY

Confidentiality Notice – If this email was not intended for you, please delete it. Click [here](#) to read all of the legal language around this concept.

From: Leanne Moussa [mailto:leanne@allsaintsottawa.ca]
Sent: June 8, 2017 8:27 AM
To: Daniel Arnott <d.arnott@mcintoshperry.com>
Cc: Barrett Wagar <barrett@lloydphillips.com>
Subject: Qualified Professional

Hi Dan,

As discussed, they would like proof of your credentials:

1. ESA Phase 1

- a. Mac Perry needs to confirm that Dan Arnott is a “Qualified Professional” certified under O.Reg. 153/04
- b. If he is not, than one from Mac Perry will need to sign and stamp the report

You can contact Allison Hamlin at the City of Ottawa. E-mail should be allison.hamlin@ottawa.ca

Leanne

APPENDIX III

LAND
REGISTRY
OFFICE #4

04208-0021 (LT)

PAGE 1 OF 2
PREPARED FOR JOB
ON 2023/03/06 AT 16:39:26

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

PROPERTY DESCRIPTION: LTS 9, 10, 11 & 12, PL 37220 , S/S LAURIER AV ; PT LTS 3 & 4, PL 37220 , W/S BLACKBURN AV, AS IN CR164102 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

FIRST CONVERSION FROM BOOK 606

PIN CREATION DATE:

1996/12/16

OWNERS' NAMES

ALL SAINTS DEVELOPMENTS INC.

CAPACITY SHARE

ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/12/16 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/12/16**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/12/16 **</p>						
N629924	1992/08/20	COURT ORDER				C
REMARKS: CR123614						
N629925	1992/08/20	COURT ORDER				C
REMARKS: CR164102						
LT1164861	1998/11/23	BYLAW		THE CORPORATION OF THE CITY OF OTTAWA		C
REMARKS: DESIGNATED AS BEING HISTORIC AND ARCHITECTURAL VALUE OR INTEREST						
LT1173059	1999/01/06	BYLAW		THE CORPORATION OF THE CITY OF OTTAWA		C
REMARKS: BY-LAW NO. 301 OF 1998. LT1164861. TO CORRECT TYPOGRAPHICAL ERRORS IN LT1164861						
OC1748713	2015/12/10	APL ANNEX REST COV		THE INCORPORATED SYNOD OF THE DIOCESE OF OTTAWA		C
OC1751301	2015/12/18	TRANSFER	\$1,520,000	THE INCORPORATED SYNOD OF THE DIOCESE OF OTTAWA	MAYET STRATEGIC CONSULTING LTD.	C
REMARKS: PLANNING ACT STATEMENTS.						

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

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

04208-0021 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC1751302	2015/12/18	CHARGE	\$920,000	MAYET STRATEGIC CONSULTING LTD.	THE INCORPORATED SYNOD OF THE DIOCESE OF OTTAWA	C
OC2536933	2022/09/16	APL CH NAME OWNER		MAYET STRATEGIC CONSULTING LTD.	ALL SAINTS DEVELOPMENTS INC.	C

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

APPENDIX IV



DATABASE REPORT

Project Property: CO923
315 Chapel Street, Ottawa, On.
Ottawa ON K1N 7Z2

Project No: CO923

Report Type: RSC Report (Urban)

Order No: 23030702607

Requested by: Terrapex Environmental Ltd.

Date Completed: March 10, 2023

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Executive Summary

Property Information:

Project Property: C0923
315 Chapel Street, Ottawa, On. Ottawa ON K1N 7Z2

Project No: C0923

Order Information:

Order No: 23030702607
Date Requested: March 7, 2023
Requested by: Terrapex Environmental Ltd.
Report Type: RSC Report (Urban)

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)
Topographic Map RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	5	5
CA	<i>Certificates of Approval</i>	Y	0	11	11
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	2	2
ECA	<i>Environmental Compliance Approval</i>	Y	0	15	15
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	61	62
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	15	15
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	4	4

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	3	3
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	1	1
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	1	1
PINC	Pipeline Incidents	Y	0	8	8
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	4	4
SPL	Ontario Spills	Y	1	16	17
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	8	8
Total:			2	154	156

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EHS		315 Chapel St Ottawa ON	NNE/0.0	0.00	39
2	SPL	CHURCH	ALL SAINTS CHURCH 317 CHAPEL ST. OTTAWA CITY ON K1N 7Z2	ESE/0.0	-1.40	39

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
3	SPL	OTTAWA HYDRO	14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	SE/13.3	-2.03	39
4	SCT	NGOMA	321 Chapel St Ottawa ON K1N 7Z2	S/16.1	-1.08	40
4	SCT	CODE	321 Chapel St Ottawa ON K1N 7Z2	S/16.1	-1.08	40
5	SPL	Enbridge Gas Distribution Inc.	5 Blackburn Avenue Ottawa ON K1N 8A2	ENE/18.6	-1.27	40
5	PINC		5 Blackburn Avenue, Ottawa ON	ENE/18.6	-1.27	41
6	EHS		323 Chapel St Ottawa ON K1N7Z2	S/37.0	-1.05	41
7	INC		320 LAURIER AVENUE EAST, OTTAWA ON	WSW/40.3	0.92	42
8	WWIS		324 CHAPEL ST OTTAWA ON Well ID: 7044389	SSW/51.3	-0.92	42
9	SCT	Teb-Mar Products Inc.	313 Laurier Ave E Ottawa ON K1N 6P8	W/65.0	0.92	45
10	EHS		288 Chapel Street Ottawa ON K1N 7Y9	WNW/78.0	0.86	45
11	GEN	EMBASSY OF BELGIUM	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	NNE/86.3	-0.15	45
11	GEN	EMBASSY OF BELGIUM 14-426	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	NNE/86.3	-0.15	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	EHS		29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	SW/91.4	-0.08	46
12	EHS		29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	SW/91.4	-0.08	46
12	EHS		29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	SW/91.4	-0.08	46
13	GEN	CARLETON CONDOMINIUM CORP	333 Chapel St Ottawa ON K1N8A3	SSE/94.3	-3.81	46
13	GEN	CARLETON CONDOMINIUM CORP	333 Chapel St Ottawa ON K1N8A3	SSE/94.3	-3.81	47
13	GEN	Carleton Condominium Corp # 60	333 Chapel Street Ottawa ON K1N 8Y8	SSE/94.3	-3.81	47
14	WWIS		301 LAURIER AVE E Ottawa ON Well ID: 7196193	W/108.2	0.92	48
15	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	W/115.1	0.92	51
15	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	W/115.1	0.92	51
15	EHS		301 Laurier Ave E Ottawa ON K1N 6P8	W/115.1	0.92	51
16	CA	A. POTVIN CONSTRUCTION LTD.	353 FRIEL STREET (SWM) OTTAWA ON K1N 7W7	W/115.5	0.92	52
16	EHS		353 Friel St Ottawa ON K1N7W7	W/115.5	0.92	52
17	HINC		400 WILBROD STREET OTTAWA ON K1N 6M8	NNE/120.1	0.95	52

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	ECA	1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	ENE/121.2	-2.08	53
19	SPL	OTTAWA HYDRO	297 LAURIER AVE. EAST. TRANSFORMER OTTAWA CITY ON K1N 6P8	W/125.1	0.92	53
20	EHS		36 Russell Ave Ottawa ON	SW/132.8	-0.03	53
21	SPL		338 Wilbrod St Ottawa ON	W/138.3	0.92	54
21	PINC	PIPELINE HIT 1 1/4"	338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA ON	W/138.3	0.92	54
22	BORE		ON	ENE/140.3	-3.44	55
22	CA	1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON	ENE/140.3	-3.44	56
23	ECA	Sam Himyary and Maha Al-Yasiri	59 Russell Ave Ottawa ON K1V 2H9	SSW/142.5	-2.59	57
24	CA	OTTAWA CITY	FRIEL ST./LAURIER AVE. OTTAWA CITY ON	WSW/143.5	0.92	57
25	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	WNW/146.6	0.92	57
26	EHS		326 Wilbrod Street Ottawa ON K1N 6M5	W/153.7	0.92	58
26	EHS		326 Wilbrod Street Ottawa ON K1N 6M5	W/153.7	0.92	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
26	EHS		326 Wilbrod Street Ottawa ON K1N 6M5	W/153.7	0.92	58
27	BORE		ON	WSW/154.1	0.92	58
28	EHS		339 Wilbrod Street Ottawa ON K1N 6M4	WNW/155.7	0.92	60
28	GEN	Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	WNW/155.7	0.92	60
28	GEN	Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	WNW/155.7	0.92	61
28	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	WNW/155.7	0.92	61
28	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	WNW/155.7	0.92	61
28	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	WNW/155.7	0.92	62
28	GEN	Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	WNW/155.7	0.92	62
29	EHS		353 Friel Street Ottawa ON	W/157.6	0.92	63
30	BORE		ON	E/158.3	-6.05	63
31	EHS		50 Russell Ave Ottawa ON K1N 7W8	SSW/158.4	-0.51	65
31	EHS		50 Russell Ave Ottawa ON K1N7W8	SSW/158.4	-0.51	65

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	EHS		351 Friel St Ottawa ON K1N 7W7	W/165.3	0.92	65
33	EHS		330 Wilbrod Street Ottawa ON K1N 6M5	W/168.5	0.92	65
33	EHS		330 Wilbrod Street Ottawa ON K1N 6M5	W/168.5	0.92	65
33	EHS		330 Wilbrod Street Ottawa ON K1N 6M5	W/168.5	0.92	66
34	EBR	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa ON	NW/169.8	0.92	66
34	WWIS		258 STEWART ST. Ottawa ON <i>Well ID:</i> 7106553	NW/169.8	0.92	66
35	WWIS		258 STEWART STREET OTTAWA ON <i>Well ID:</i> 7047370	NW/170.7	0.92	68
36	EHS		280 Laurier Avenue East Ottawa ON K1N 6P5	WSW/173.2	0.92	71
36	EHS		280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	WSW/173.2	0.92	71
36	EHS		280 Laurier Avenue East Ottawa ON K1N 6P5	WSW/173.2	0.92	72
36	EHS		280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	WSW/173.2	0.92	72
36	EHS		280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	WSW/173.2	0.92	72
36	EHS		280 Laurier Avenue East Ottawa ON K1N 6P5	WSW/173.2	0.92	72

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
37	EHS		362 Friel Street Ottawa ON K1N 7W6	W/175.5	0.92	73
37	EHS		362 Friel St Ottawa ON K1N7W6	W/175.5	0.92	73
38	SPL	Enbridge Gas Distribution Inc.	39 Sweetland Ave Ottawa ON	SW/177.1	0.00	73
38	PINC	ENBRIDGE GAS INC	39 SWEETLAND AVE,,OTTAWA,ON,K1N 7T7,CA ON	SW/177.1	0.00	73
39	SPL	PRIVATE RESIDENCE	258 STEWART ST FURNACE OIL TANK OTTAWA CITY ON K1N 6K4	NW/181.0	0.92	74
39	CA	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON	NW/181.0	0.92	74
39	ECA	Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON K1C 6Y4	NW/181.0	0.92	75
40	EHS		60 Russell Avenue Ottawa ON	SSW/184.6	-2.14	75
41	EHS		319 Wilbrod St Ottawa On Ottawa ON K1N6M4	W/185.0	0.92	75
42	WWIS		339 WILBROD ST. Ottawa ON Well ID: 7101159	WNW/185.1	0.92	75
43	SPL	Parson Refrigeration (1985) Ltd.	273 Laurier Ave Ottawa ON	WSW/185.2	0.92	86
44	EHS		360 Friel Street Ottawa ON K1N 7W7	W/186.6	0.92	87
44	EHS		360 Friel Street Ottawa ON K1N 7W7	W/186.6	0.92	87

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
44	EHS		360 Friel Street Ottawa ON K1N 7W7	W/186.6	0.92	87
45	NPRI	GWL REATLY ADVISORS	271 LAURIER Avenue East OTTAWA ON K1N6P7	WSW/187.5	0.92	87
46	EHS		261 Laurier Avenue East Ottawa ON K1N 6P7	WSW/188.1	0.92	90
47	SPL	Enbridge Gas - Ottawa<UNOFFICIAL>	419 Laurier Ave - east Ottawa ON K1N 6R4	NE/188.5	-1.11	90
47	HINC		419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	NE/188.5	-1.11	90
47	HINC		419 LAURIER STREET EAST OTTAWA ON	NE/188.5	-1.11	91
48	EHS		261 Laurier Avenue East and 400 Friel Street Ottawa ON	W/189.0	0.92	91
49	BORE		ON	WNW/189.1	0.91	92
50	CA	OTTAWA CITY	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	WSW/190.0	0.92	93
50	CA	R.M. OF OTTAWA-CARLETON	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	WSW/190.0	0.92	93
50	SPL		Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON	WSW/190.0	0.92	93
51	EHS		360 Friel Street Ottawa ON K1N 7W7	W/190.3	0.92	94
51	EHS		360 Friel Street Ottawa ON K1N 7W7	W/190.3	0.92	94

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
51	EHS		360 Friel Street Ottawa ON K1N 7W7	W/190.3	0.92	94
52	SPL		82 Goulburn Avenue Ottawa ON K1N 8E1	ESE/190.6	-9.08	94
53	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	E/190.6	-7.41	95
53	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	E/190.6	-7.41	95
53	EHS		17 Marlborough Avenue Ottawa ON K1N 8E6	E/190.6	-7.41	95
54	EHS		45 Blackburn Ave Ottawa ON K1N8A4	SE/193.2	-9.91	95
55	EHS		325 Wilbrod St Ottawa ON K1N6M4	W/197.0	0.92	96
56	GEN	Wincon Construction 1986 Ltd	265 Laurier Ave East Ottawa ON K1N 6P7	WSW/197.0	0.92	96
57	GEN	Greg Statler	55 Sweetland Ottawa ON K1N 7T7	SW/198.7	-1.08	96
58	SPL	ULTRAMAR	332 OSGOODE STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6T3	ESE/200.0	-10.48	97
59	WWIS		325 FRIEL ST ON <i>Well ID: 7296576</i>	W/204.0	0.92	97
60	CA	OTTAWA CITY - KING EDWARD AVENUE	STEWART ST./CHAPEL ST. OTTAWA CITY ON	NW/205.8	0.92	100
61	WWIS		3312 CR #43 Smiths Falls ON	NW/211.0	0.92	101

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7107564			
62	EHS		71 Russell Avenue Ottawa ON K1N 7X2	S/211.3	-6.80	104
63	PES	ENVIRO MASTERS - OTTAWA	45 MARLBOROUGH AVENUE OTTAWA ON K1N8E6	E/215.4	-10.08	104
64	SCT	MicroAcoustic Instruments Inc.	460 Wilbrod St Unit 2 Ottawa ON K1N 6M8	NE/218.1	-0.05	105
65	EHS		300 1/2 Wilbrod St Ottawa ON K1N6M1	W/219.3	0.92	105
65	EHS		300 ½ Wilbrod Street Ottawa ON K1N 6M1	W/219.3	0.92	105
66	SPL	Enbridge Gas Distribution Inc.	63 Sweetland Avenue Ottawa ON	SSW/228.7	-1.30	106
67	ECA	City of Ottawa	Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	SSW/234.0	-1.30	106
67	ECA	City of Ottawa	Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	SSW/234.0	-1.30	106
68	WWIS		380 CUMBERLAND ST Ottawa ON Well ID: 7350809	WNW/239.9	0.22	107
69	SPL	Enbridge Gas Distribution Inc.	307 Wilbrod Street Ottawa ON	W/240.7	0.07	110
70	EBR	368 Chapel St. Inc.	368 Chapel Street Ottawa, ON K2G 0G5 Canada ON	SSE/246.2	-10.88	111
70	ECA	368 Chapel St. Inc.	368 Chapel Street Ottawa ON K2G 0G5	SSE/246.2	-10.88	111
71	ECA	City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	WNW/251.5	-0.13	112

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
71	ECA	City of Ottawa	Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Ottawa ON K2G 6J8	WNW/251.5	-0.13	112
71	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	WNW/251.5	-0.13	112
71	ECA	City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	WNW/251.5	-0.13	112
71	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	WNW/251.5	-0.13	113
71	ECA	City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	WNW/251.5	-0.13	113
72	EHS		301 Wilbrod St Ottawa ON K1N6M3	W/256.3	-0.09	113
73	ECA	Nelson Place Apartments Inc.	305 Nelson St Ottawa ON K2C 1V1	WSW/258.2	0.94	114
74	PINC	PIPELINE HIT - 1/2"	320 DALY AVE.,OTTAWA,ON,K1N 6G7, CA ON	NNW/259.1	0.94	114
74	SPL	Enbridge Gas Distribution Inc.	320 Daly Ave. Ottawa ON	NNW/259.1	0.94	114
75	GEN	Albert Falsetto	286 Wilbrod St. Ottawa ON K1N 6M2	W/259.2	0.22	115
76	PINC	ENBRIDGE GAS INC	70 MARLBOROUGH AVE.,OTTAWA,ON, K1N 8E9,CA ON	ESE/259.3	-12.36	115
77	EHS		290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	NW/262.7	0.22	116

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
78	EHS		188 and 200 Stewart Street Ottawa ON K1N 6J9	W/263.0	-0.08	116
79	ECA	2478014 Ontario Limited	84 Russell Ave Ottawa ON K1W 0H9	S/265.0	-6.69	116
79	PINC	ENBRIDGE GAS INC	84 RUSSELL AVE,,OTTAWA,ON,K1N 7X1, CA ON	S/265.0	-6.69	116
80	EHS		231 Coburg Street Ottawa ON	NNE/266.8	-0.08	117
81	EHS		245 Laurier Ave E Ottawa ON K1N6P7	WSW/267.0	0.95	117
82	EHS		65 Sweetland Ave Ottawa ON K1N7T9	SSW/269.0	-5.08	117
83	PINC	PIPELINE HIT - 3/4"	3250 OSGOODE STREET,,OTTAWA,ON,, CA ON	E/269.8	-13.08	117
84	INC		359 NELSON STREET, OTTAWA ON	SW/274.3	-0.08	118
85	ECA	Tina Martins-Campagna	355-361 Nelson St Ottawa ON	SW/280.3	-0.08	119
86	CA	R.M. OF OTTAWA-CARLETON	LAURIER AVE/NELSON ST. OTTAWA CITY ON	WSW/286.4	0.22	119
86	CA	OTTAWA CITY	LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	WSW/286.4	0.22	119
87	CA	OTTAWA CITY	COBOURG ST./STEWART ST. OTTAWA CITY ON	NNE/289.3	-0.08	119

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
88	CA	R.M. OF OTTAWA-CARLETON	DALY AVE./AUGUSTA ST. OTTAWA CITY ON	NNW/290.4	0.97	120
89	EHS		309/311 Daly Ave Ottawa ON K1N 6G6	NW/292.5	-0.14	120
89	EHS		309 Daly Ave Ottawa ON K1N6G6	NW/292.5	-0.14	120
90	BORE		ON	NNE/293.1	-0.08	120
91	EHS		146 through 170 Osgoode Street Ottawa ON K1N 6S6	SSW/295.2	-1.69	122
91	EHS		146 - 170 Osgoode Street Ottawa ON K1N 6S6	SSW/295.2	-1.69	122
92	HINC		32 RANGE ROAD OTTAWA ON	E/295.7	-14.00	122
93	SPL	ENBRIDGE CONSUMERS GAS INC.	GAS MAIN @ 323 DALY ROAD NATURAL GAS PIPELINE OTTAWA CITY ON K1N 6G6	NNW/299.5	0.46	122
94	PINC	PIPELINE HIT - 1/2"	325 DALY AVENUE,,OTTAWA,ON,K1N 6G6,CA ON	NNW/299.5	0.97	123
95	SPL	PETRO-CANADA	476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	NE/299.5	-0.08	123
95	EHS		476 Wilbrod Street Ottawa ON K1N 6M8	NE/299.5	-0.08	124
95	EHS		476 Wilbrod Street Ottawa ON K1N 6M8	NE/299.5	-0.08	124
95	EHS		476 Wilbrod Street Ottawa ON K1N 6M8	NE/299.5	-0.08	124

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
96	INC		296 NELSON STREET, OTTAWA ON	WSW/299.6	-0.08	124
97	EHS		238 Laurier Ave E Ottawa ON K1N6P2	WSW/299.9	0.22	125

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	140.3	<u>22</u>
	ON	154.1	<u>27</u>
	ON	158.3	<u>30</u>
	ON	189.1	<u>49</u>
	ON	293.1	<u>90</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 11 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
A. POTVIN CONSTRUCTION LTD.	353 FRIEL STREET (SWM) OTTAWA ON K1N 7W7	115.5	<u>16</u>
1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON	140.3	<u>22</u>
OTTAWA CITY	FRIEL ST./LAURIER AVE. OTTAWA CITY ON	143.5	<u>24</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON	181.0	39
R.M. OF OTTAWA-CARLETON	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	190.0	50
OTTAWA CITY	SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	190.0	50
OTTAWA CITY - KING EDWARD AVENUE	STEWART ST./CHAPEL ST. OTTAWA CITY ON	205.8	60
R.M. OF OTTAWA-CARLETON	LAURIER AVE/NELSON ST. OTTAWA CITY ON	286.4	86
OTTAWA CITY	LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	286.4	86
OTTAWA CITY	COBOURG ST./STEWART ST. OTTAWA CITY ON	289.3	87
R.M. OF OTTAWA-CARLETON	DALY AVE./AUGUSTA ST. OTTAWA CITY ON	290.4	88

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Jan 31, 2023 has found that there are 2 EBR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa ON	169.8	34

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
368 Chapel St. Inc.	368 Chapel Street Ottawa, ON K2G 0G5 Canada ON	246.2	<u>70</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jan 31, 2023 has found that there are 15 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1728067 Ontario Limited	404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	121.2	<u>18</u>
Sam Himyary and Maha Al-Yasiri	59 Russell Ave Ottawa ON K1V 2H9	142.5	<u>23</u>
Lucienne Marie Emilia Berthiaume	258 Stewart Street Ottawa ON K1C 6Y4	181.0	<u>39</u>
City of Ottawa	Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	234.0	<u>67</u>
City of Ottawa	Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	234.0	<u>67</u>
368 Chapel St. Inc.	368 Chapel Street Ottawa ON K2G 0G5	246.2	<u>70</u>
City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	251.5	<u>71</u>
City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	251.5	<u>71</u>
City of Ottawa	Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Ottawa ON K2G 6J8	251.5	<u>71</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	251.5	71
City of Ottawa	Road Allowance on Daly Avenue Ottawa ON K1P 1J1	251.5	71
City of Ottawa	Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	251.5	71
Nelson Place Apartments Inc.	305 Nelson St Ottawa ON K2C 1V1	258.2	73
2478014 Ontario Limited	84 Russell Ave Ottawa ON K1W 0H9	265.0	79
Tina Martins-Campagna	355-361 Nelson St Ottawa ON	280.3	85

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2022 has found that there are 62 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	315 Chapel St Ottawa ON	0.0	1
	323 Chapel St Ottawa ON K1N7Z2	37.0	6
	288 Chapel Street Ottawa ON K1N 7Y9	78.0	10

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	91.4	<u>12</u>
	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	91.4	<u>12</u>
	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	91.4	<u>12</u>
	301 Laurier Ave E Ottawa ON K1N 6P8	115.1	<u>15</u>
	301 Laurier Ave E Ottawa ON K1N 6P8	115.1	<u>15</u>
	301 Laurier Ave E Ottawa ON K1N 6P8	115.1	<u>15</u>
	353 Friel St Ottawa ON K1N7W7	115.5	<u>16</u>
	36 Russell Ave Ottawa ON	132.8	<u>20</u>
	326 Wilbrod Street Ottawa ON K1N 6M5	153.7	<u>26</u>
	326 Wilbrod Street Ottawa ON K1N 6M5	153.7	<u>26</u>
	326 Wilbrod Street Ottawa ON K1N 6M5	153.7	<u>26</u>
	339 Wilbrod Street Ottawa ON K1N 6M4	155.7	<u>28</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	353 Friel Street Ottawa ON	157.6	<u>29</u>
	50 Russell Ave Ottawa ON K1N 7W8	158.4	<u>31</u>
	50 Russell Ave Ottawa ON K1N7W8	158.4	<u>31</u>
	351 Friel St Ottawa ON K1N 7W7	165.3	<u>32</u>
	330 Wilbrod Street Ottawa ON K1N 6M5	168.5	<u>33</u>
	330 Wilbrod Street Ottawa ON K1N 6M5	168.5	<u>33</u>
	330 Wilbrod Street Ottawa ON K1N 6M5	168.5	<u>33</u>
	280 Laurier Avenue East Ottawa ON K1N 6P5	173.2	<u>36</u>
	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	173.2	<u>36</u>
	280 Laurier Avenue East Ottawa ON K1N 6P5	173.2	<u>36</u>
	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	173.2	<u>36</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	173.2	<u>36</u>
	280 Laurier Avenue East Ottawa ON K1N 6P5	173.2	<u>36</u>
	362 Friel Street Ottawa ON K1N 7W6	175.5	<u>37</u>
	362 Friel St Ottawa ON K1N7W6	175.5	<u>37</u>
	60 Russell Avenue Ottawa ON	184.6	<u>40</u>
	319 Wilbrod St Ottawa On Ottawa ON K1N6M4	185.0	<u>41</u>
	360 Friel Street Ottawa ON K1N 7W7	186.6	<u>44</u>
	360 Friel Street Ottawa ON K1N 7W7	186.6	<u>44</u>
	360 Friel Street Ottawa ON K1N 7W7	186.6	<u>44</u>
	261 Laurier Avenue East Ottawa ON K1N 6P7	188.1	<u>46</u>
	261 Laurier Avenue East and 400 Friel Street Ottawa ON	189.0	<u>48</u>
	360 Friel Street Ottawa ON K1N 7W7	190.3	<u>51</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	360 Friel Street Ottawa ON K1N 7W7	190.3	<u>51</u>
	360 Friel Street Ottawa ON K1N 7W7	190.3	<u>51</u>
	17 Marlborough Avenue Ottawa ON K1N 8E6	190.6	<u>53</u>
	17 Marlborough Avenue Ottawa ON K1N 8E6	190.6	<u>53</u>
	17 Marlborough Avenue Ottawa ON K1N 8E6	190.6	<u>53</u>
	45 Blackburn Ave Ottawa ON K1N8A4	193.2	<u>54</u>
	325 Wilbrod St Ottawa ON K1N6M4	197.0	<u>55</u>
	71 Russell Avenue Ottawa ON K1N 7X2	211.3	<u>62</u>
	300 1/2 Wilbrod St Ottawa ON K1N6M1	219.3	<u>65</u>
	300 ½ Wilbrod Street Ottawa ON K1N 6M1	219.3	<u>65</u>
	301 Wilbrod St Ottawa ON K1N6M3	256.3	<u>72</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	262.7	<u>77</u>
	188 and 200 Stewart Street Ottawa ON K1N 6J9	263.0	<u>78</u>
	231 Coburg Street Ottawa ON	266.8	<u>80</u>
	245 Laurier Ave E Ottawa ON K1N6P7	267.0	<u>81</u>
	65 Sweetland Ave Ottawa ON K1N7T9	269.0	<u>82</u>
	309/311 Daly Ave Ottawa ON K1N 6G6	292.5	<u>89</u>
	309 Daly Ave Ottawa ON K1N6G6	292.5	<u>89</u>
	146 - 170 Osgoode Street Ottawa ON K1N 6S6	295.2	<u>91</u>
	146 through 170 Osgoode Street Ottawa ON K1N 6S6	295.2	<u>91</u>
	476 Wilbrod Street Ottawa ON K1N 6M8	299.5	<u>95</u>
	476 Wilbrod Street Ottawa ON K1N 6M8	299.5	<u>95</u>
	476 Wilbrod Street Ottawa ON K1N 6M8	299.5	<u>95</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	238 Laurier Ave E Ottawa ON K1N6P2	299.9	97

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 15 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
EMBASSY OF BELGIUM	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	86.3	11
EMBASSY OF BELGIUM 14-426	395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	86.3	11
CARLETON CONDOMINIUM CORP	333 Chapel St Ottawa ON K1N8A3	94.3	13
CARLETON CONDOMINIUM CORP	333 Chapel St Ottawa ON K1N8A3	94.3	13
Carleton Condominium Corp # 60	333 Chapel Street Ottawa ON K1N 8Y8	94.3	13
Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	146.6	25
Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	155.7	28
Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	155.7	28

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	155.7	<u>28</u>
Conseil des ecoles publiques de l'Est de l'Ontario	Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	155.7	<u>28</u>
Conseil des ecoles publiques de l'Est de l'Ontario	339 rue Wilbrod st Ottawa ON K1N 6M3	155.7	<u>28</u>
Conseil des ecoles publiques de l'est de l'Ontario CEPEO	339 Wilbrod Road Ottawa ON K1N 6M4	155.7	<u>28</u>
Wincon Construction 1986 Ltd	265 Laurier Ave East Ottawa ON K1N 6P7	197.0	<u>56</u>
Greg Statler	55 Sweetland Ottawa ON K1N 7T7	198.7	<u>57</u>
Albert Falsetto	286 Wilbrod St. Ottawa ON K1N 6M2	259.2	<u>75</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 4 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	400 WILBROD STREET OTTAWA ON K1N 6M8	120.1	<u>17</u>
	419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	188.5	<u>47</u>
	419 LAURIER STREET EAST OTTAWA ON	188.5	<u>47</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	32 RANGE ROAD OTTAWA ON	295.7	92

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 3 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	320 LAURIER AVENUE EAST, OTTAWA ON	40.3	7
	359 NELSON STREET, OTTAWA ON	274.3	84
	296 NELSON STREET, OTTAWA ON	299.6	96

NPRI - National Pollutant Release Inventory

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GWL REATLY ADVISORS	271 LAURIER Avenue East OTTAWA ON K1N6P7	187.5	45

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Jan 31, 2023 has found that there are 1 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENVIRO MASTERS - OTTAWA	45 MARLBOROUGH AVENUE OTTAWA ON K1N8E6	215.4	63

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 8 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5 Blackburn Avenue, Ottawa ON	18.6	5
PIPELINE HIT 1 1/4"	338 WILBROD ST,,OTTAWA,ON,K1N 6M5, CA ON	138.3	21
ENBRIDGE GAS INC	39 SWEETLAND AVE,,OTTAWA,ON,K1N 7T7,CA ON	177.1	38
PIPELINE HIT - 1/2"	320 DALY AVE,,OTTAWA,ON,K1N 6G7,CA ON	259.1	74
ENBRIDGE GAS INC	70 MARLBOROUGH AVE,,OTTAWA,ON,K1N 8E9,CA ON	259.3	76
ENBRIDGE GAS INC	84 RUSSELL AVE,,OTTAWA,ON,K1N 7X1, CA ON	265.0	79
PIPELINE HIT - 3/4"	3250 OSGOODE STREET,,OTTAWA,ON,,CA ON	269.8	83
PIPELINE HIT - 1/2"	325 DALY AVENUE,,OTTAWA,ON,K1N 6G6, CA ON	299.5	94

SCT - Scott's Manufacturing Directory

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

the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CODE	321 Chapel St Ottawa ON K1N 7Z2	16.1	<u>4</u>
NGOMA	321 Chapel St Ottawa ON K1N 7Z2	16.1	<u>4</u>
Teb-Mar Products Inc.	313 Laurier Ave E Ottawa ON K1N 6P8	65.0	<u>9</u>
MicroAcoustic Instruments Inc.	460 Wilbrod St Unit 2 Ottawa ON K1N 6M8	218.1	<u>64</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 17 SPL site(s) within approximately 0.30 kilometers of the project property.

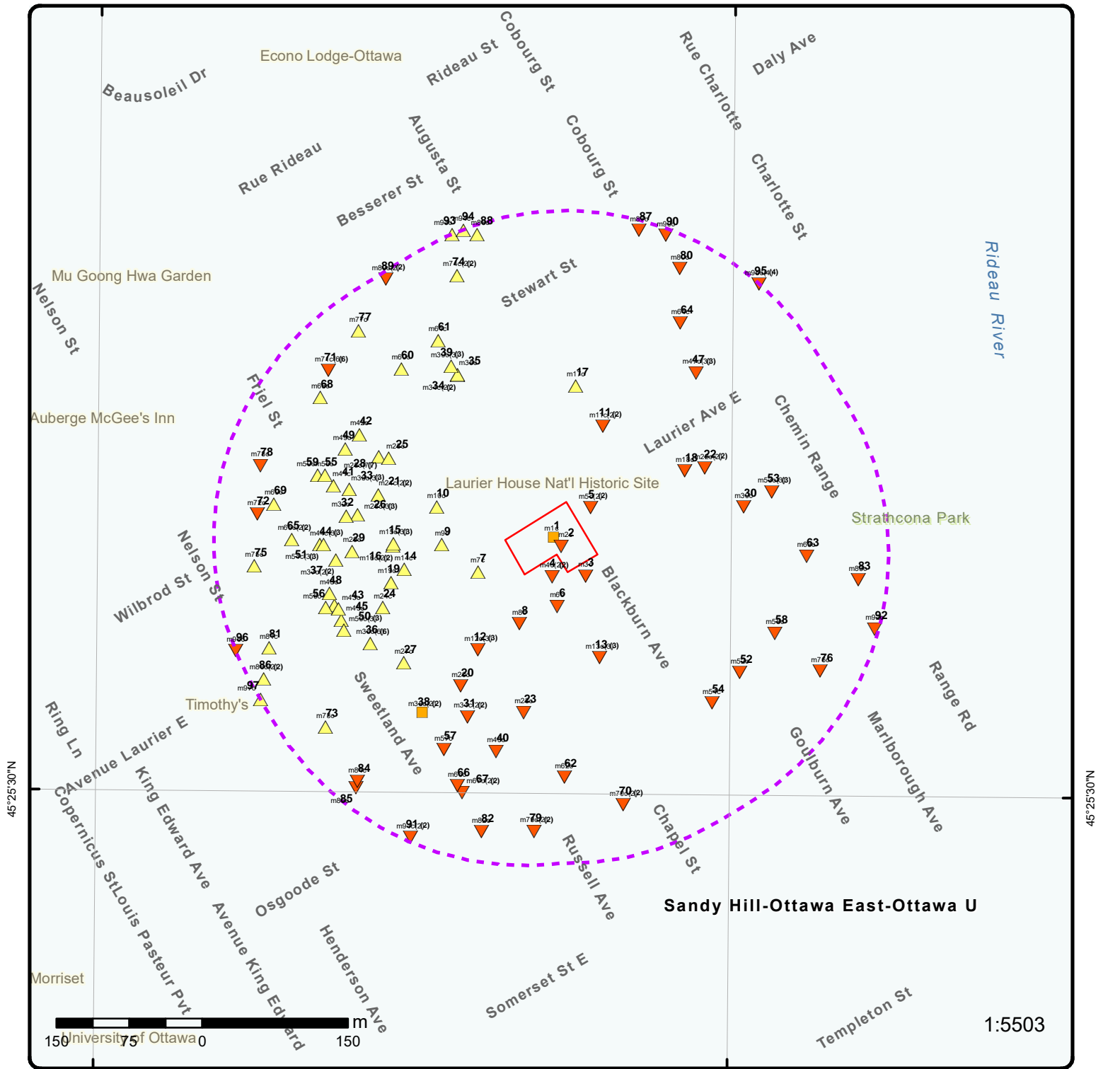
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHURCH	ALL SAINTS CHURCH 317 CHAPEL ST. OTTAWA CITY ON K1N 7Z2	0.0	<u>2</u>
OTTAWA HYDRO	14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	13.3	<u>3</u>
Enbridge Gas Distribution Inc.	5 Blackburn Avenue Ottawa ON K1N 8A2	18.6	<u>5</u>
OTTAWA HYDRO	297 LAURIER AVE. EAST. TRANSFORMER OTTAWA CITY ON K1N 6P8	125.1	<u>19</u>
	338 Wilbrod St Ottawa ON	138.3	<u>21</u>
Enbridge Gas Distribution Inc.	39 Sweetland Ave Ottawa ON	177.1	<u>38</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE RESIDENCE	258 STEWART ST FURNACE OIL TANK OTTAWA CITY ON K1N 6K4	181.0	<u>39</u>
Parson Refrigeration (1985) Ltd.	273 Laurier Ave Ottawa ON	185.2	<u>43</u>
Enbridge Gas - Ottawa<UNOFFICIAL>	419 Laurier Ave - east Ottawa ON K1N 6R4	188.5	<u>47</u>
	Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON	190.0	<u>50</u>
	82 Goulburn Avenue Ottawa ON K1N 8E1	190.6	<u>52</u>
ULTRAMAR	332 OSGOOD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6T3	200.0	<u>58</u>
Enbridge Gas Distribution Inc.	63 Sweetland Avenue Ottawa ON	228.7	<u>66</u>
Enbridge Gas Distribution Inc.	307 Wilbrod Street Ottawa ON	240.7	<u>69</u>
Enbridge Gas Distribution Inc.	320 Daly Ave. Ottawa ON	259.1	<u>74</u>
ENBRIDGE CONSUMERS GAS INC.	GAS MAIN @ 323 DALY ROAD NATURAL GAS PIPELINE OTTAWA CITY ON K1N 6G6	299.5	<u>93</u>
PETRO-CANADA	476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	299.5	<u>95</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 8 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	324 CHAPEL ST OTTAWA ON <i>Well ID: 7044389</i>	51.3	<u>8</u>
	301 LAURIER AVE E Ottawa ON <i>Well ID: 7196193</i>	108.2	<u>14</u>
	258 STEWART ST. Ottawa ON <i>Well ID: 7106553</i>	169.8	<u>34</u>
	258 STEWART STREET OTTAWA ON <i>Well ID: 7047370</i>	170.7	<u>35</u>
	339 WILBROD ST. Ottawa ON <i>Well ID: 7101159</i>	185.1	<u>42</u>
	325 FRIEL ST ON <i>Well ID: 7296576</i>	204.0	<u>59</u>
	3312 CR #43 Smiths Falls ON <i>Well ID: 7107564</i>	211.0	<u>61</u>
	380 CUMBERLAND ST Ottawa ON <i>Well ID: 7350809</i>	239.9	<u>68</u>



Map: 0.3 Kilometer Radius

Order Number: 23030702607

Address: 315 Chapel Street, Ottawa, On., Ottawa, ON

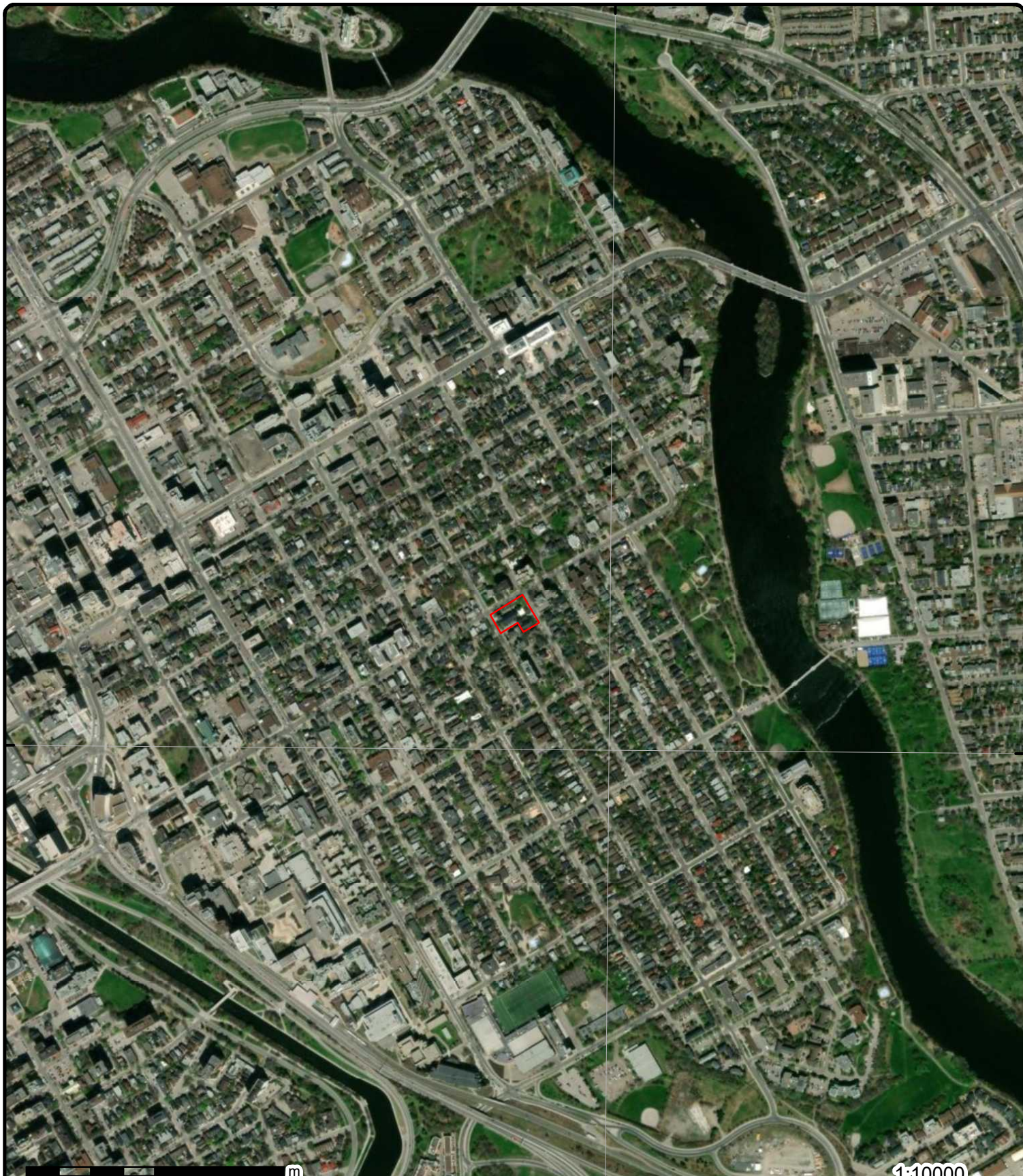


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°40'30"W

45°25'30"N

45°25'30"N



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

Aerial Year: 2022

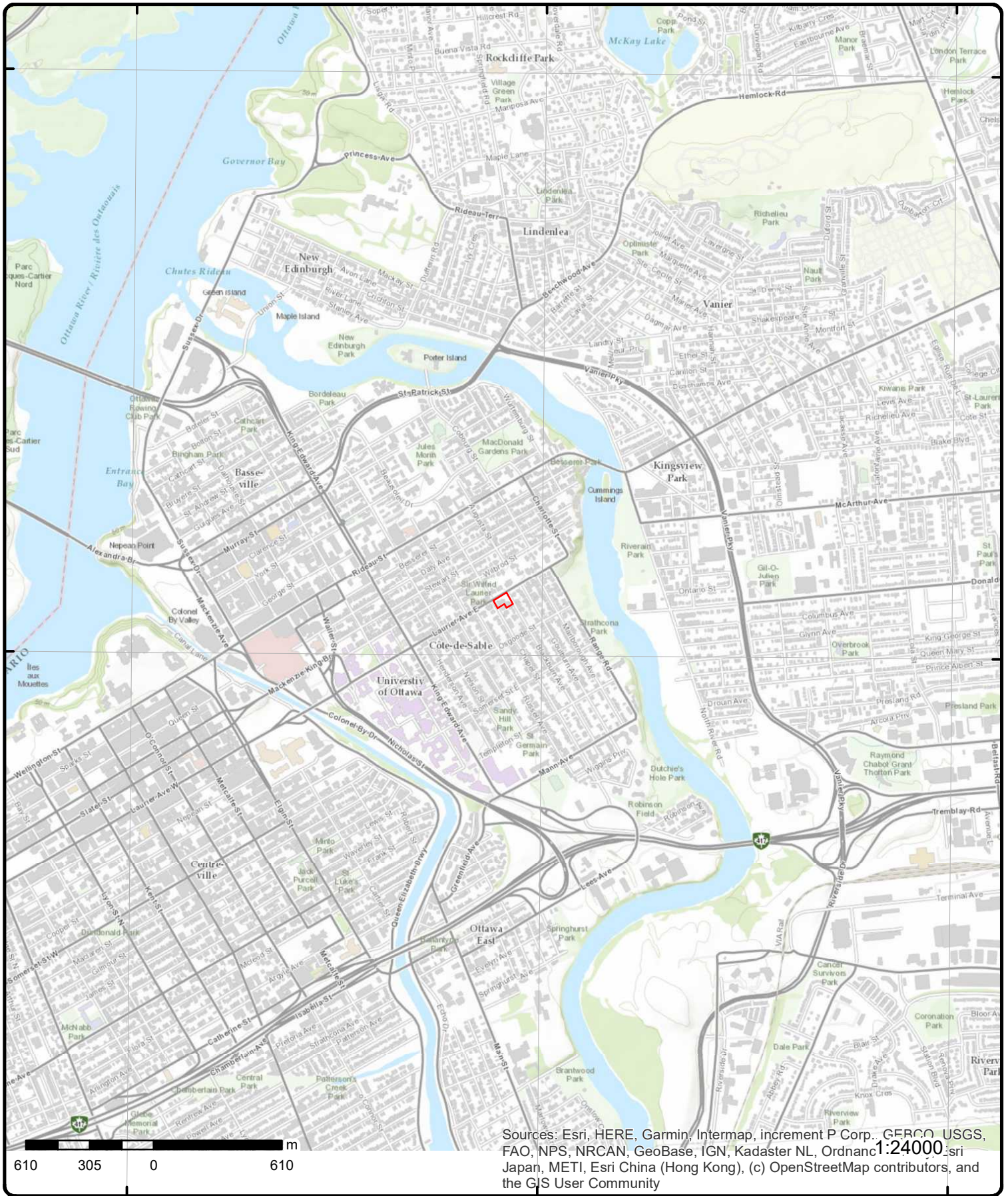
Order Number: 23030702607

Address: 315 Chapel Street, Ottawa, On., Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 23030702607

Address: 315 Chapel Street, Ottawa, On., ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	NNE/0.0	72.0 / 0.00	315 Chapel St Ottawa ON	EHS
Order No: 20161104073 Status: C Report Type: Custom Report Report Date: 11-NOV-16 Date Received: 04-NOV-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .3 X: -75.677325 Y: 45.427376			
<u>2</u>	1 of 1	ESE/0.0	70.6 / -1.40	CHURCH ALL SAINTS CHURCH 317 CHAPEL ST. OTTAWA CITY ON K1N 7Z2	SPL
Ref No: 47841 Site No: Incident Dt: 3/20/1991 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Water course or lake Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/20/1991 Dt Document Closed: Incident Reason: GASKET/JOINT Site Name: Site County/District: Municipality No: 20101 Site Geo Ref Meth: Incident Summary: ALL SAINTS CHURCH - STOVEOIL TO GROUND FROM LEAKY PUMP SEAL ON BOILER Contaminant Qty:		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: FIRST FUELS Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: OTTAWA CITY Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:			
<u>3</u>	1 of 1	SE/13.3	69.9 / -2.03	OTTAWA HYDRO 14 BLACKBURN AVE. TRANSFORMER OTTAWA CITY ON K1N 8A3	SPL
Ref No: 101640 Site No: Incident Dt: 6/21/1994 Year:		Discharger Report: Material Group: Health/Env Conseq: Client Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Cause: COOLING SYSTEM LEAK Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 6/21/1994 Dt Document Closed: Incident Reason: MATERIAL FAILURE Site Name: Site County/District: Municipality No: 20101 Site Geo Ref Meth: Incident Summary: OTTAWA HYDRO: 0.5L PCB TRANSFORMER OIL LEAK FROMPOLE MOUNT TRANSFORMER Contaminant Qty:					
4	1 of 2	S/16.1	70.9 / -1.08	NGOMA 321 Chapel St Ottawa ON K1N 7Z2	SCT
Established: 01-SEP-59 Plant Size (ft²): Employment: --Details-- Description: Periodical Publishers SIC/NAICS Code: 511120					
4	2 of 2	S/16.1	70.9 / -1.08	CODE 321 Chapel St Ottawa ON K1N 7Z2	SCT
Established: 01-AUG-59 Plant Size (ft²): Employment: --Details-- Description: Social Advocacy Organizations SIC/NAICS Code: 813310 Description: Book Publishers SIC/NAICS Code: 511130 Description: Grant-Making and Giving Services SIC/NAICS Code: 813210					
5	1 of 2	ENE/18.6	70.7 / -1.27	Enbridge Gas Distribution Inc. 5 Blackburn Avenue Ottawa ON K1N 8A2	SPL
Ref No: 2608-8TUQQ8 Site No: Discharger Report: Material Group:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: Contaminant Qty:	30-APR-12 Discharge or Emission to Air 35 NATURAL GAS (METHANE) Confirmed Air Pollution Sewage - Municipal/Private and Commercial Not MOE mandate 30-APR-12 Spill Private Residence <UNOFFICIAL> TSSA FSB: Evacuation of 4 homes, 1 commercial bldg			Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	 Pipeline 5 Blackburn Avenue Ottawa TSSA - Fuel Safety Branch	

<u>5</u>	2 of 2	ENE/18.6	70.7 / -1.27	5 Blackburn Avenue, Ottawa ON	PINC
Incident Id: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	801266 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 3816273 2012/04/30 5 Blackburn Avenue, Ottawa - 1" Pipeline Hit Michael Gruttner - Enbridge-Ottawa Deteriorated facility			Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:	 Natural Gas Yes No FS-Perform P-line Inc Invest E-mail

<u>6</u>	1 of 1	S/37.0	70.9 / -1.05	323 Chapel St Ottawa ON K1N7Z2	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name:	20140826077 C Custom Report 02-SEP-14 26-AUG-14 			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	 ON .25 -75.677103 45.426752

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Lot/Building Size:
Additional Info Ordered:

7	1 of 1	WSW/40.3	72.9 / 0.92	320 LAURIER AVENUE EAST, OTTAWA ON	INC
Incident No:	1580484			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Interrupted:	Yes
Status Code:				Was Prop Damaged:	No
Attribute Category:	FS-Perform L1 Incident Insp			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:	2015/02/21 00:00:00			Indus App. Type:	
Time of Occurrence:	00:01:00			Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:	2015/02/23 00:00:00			Pipeline Type:	
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	
Fuels Occur Type:	CO Release			Depth Ground Cover:	
Fuel Type Involved:	Natural Gas			Regulator Location:	
Enforcement Policy:	NULL			Regulator Type:	
Prc Escalation Req:	NULL			Operation Pressure:	
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:	5374018			Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	
Incident Location:	320 LAURIER AVENUE EAST, OTTAWA - CO RELEASE				
Occurence Narrative:	CO Release from exhaust venting. Wrong venting used				
Operation Type Involved:	Multi-unit Residential				
Item:					
Item Description:					
Device Installed Location:					

8	1 of 1	SSW/51.3	71.0 / -0.92	324 CHAPEL ST OTTAWA ON	WWIS
Well ID:	7044389			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	04-Jun-2007 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z58316			Contractor:	1844
Tag:	A051274			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7044389.pdf

Additional Detail(s) (Map)

Well Completed Date: 2006/12/18
Year Completed: 2006
Depth (m): 4.88
Latitude: 45.4265691934022
Longitude: -75.6777601298065
Path: 704\7044389.pdf

Bore Hole Information

Bore Hole ID:	11766806	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446980.00
Code OB Desc:		North83:	5030562.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	18-Dec-2006 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 933102766
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 1.7000000476837158
Formation End Depth: 4.880000114440918
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933102765
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth: 1.7000000476837158					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 933320108					
Layer: 1					
Plug From: 0.30000001192092896					
Plug To: 1.0					
Plug Depth UOM: m					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID: 967044389					
Method Construction Code: B					
Method Construction: Other Method					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 11774496					
Casing No: 1					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 930900166					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0.0					
Depth To: 1.2999999523162842					
Casing Diameter: 51.0					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 933424714					
Layer: 1					
Slot: 10					
Screen Top Depth: 1.5					
Screen End Depth: 4.880000114440918					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter: 58.0					
<u>Hole Diameter</u>					
Hole ID: 11853422					
Diameter: 10.0					
Depth From: 0.0					
Depth To: 4.880000114440918					
Hole Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	11766806			Tag No:	A051274
Depth M:	4.88			Contractor:	1844
Year Completed:	2006			Path:	704\7044389.pdf
Well Completed Dt:	2006/12/18			Latitude:	45.4265691934022
Audit No:	Z58316			Longitude:	-75.6777601298065
<u>9</u>	1 of 1	W/65.0	72.9 / 0.92	Teb-Mar Products Inc. 313 Laurier Ave E Ottawa ON K1N 6P8	SCT
Established:	1994				
Plant Size (ft²):					
Employment:	4				
--Details--					
Description:	Cutlery and Hand Tool Manufacturing				
SIC/NAICS Code:	332210				
<u>10</u>	1 of 1	WNW/78.0	72.8 / 0.86	288 Chapel Street Ottawa ON K1N 7Y9	EHS
Order No:	20180718277			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	10-AUG-18			Search Radius (km):	.25
Date Received:	18-JUL-18			X:	-75.678864
Previous Site Name:				Y:	45.427646
Lot/Building Size:					
Additional Info Ordered:					
<u>11</u>	1 of 2	NNE/86.3	71.8 / -0.15	EMBASSY OF BELGIUM 395 LAURIER AVE. EAST OTTAWA ON K1N 6R4	GEN
Generator No:	ON1009300				
SIC Code:	9851				
SIC Description:	POLITICAL ORGAN.				
Approval Years:	88,89,90				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	123				
Waste Class Name:	ALKALINE PHOSPHATES				
<u>11</u>	2 of 2	NNE/86.3	71.8 / -0.15	EMBASSY OF BELGIUM 14-426 395 LAURIER AVE. EAST	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON K1N 6R4					
Generator No:		ON1009300			
SIC Code:		9851			
SIC Description:		POLITICAL ORGAN.			
Approval Years:		92,93,94,95,96,97,98			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		123			
Waste Class Name:		ALKALINE PHOSPHATES			
<u>12</u>	1 of 3	SW/91.4	71.9 / -0.08	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	EHS
Order No:		21081700047		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		20-AUG-21		Search Radius (km): .25	
Date Received:		17-AUG-21		X: -75.6783036	
Previous Site Name:				Y: 45.4263242	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
<u>12</u>	2 of 3	SW/91.4	71.9 / -0.08	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	EHS
Order No:		21081700047		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		20-AUG-21		Search Radius (km): .25	
Date Received:		17-AUG-21		X: -75.6783036	
Previous Site Name:				Y: 45.4263242	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
<u>12</u>	3 of 3	SW/91.4	71.9 / -0.08	29 Russell Ave Ottawa Ontario Ottawa ON K1N 7W9	EHS
Order No:		21081700047		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		20-AUG-21		Search Radius (km): .25	
Date Received:		17-AUG-21		X: -75.6783036	
Previous Site Name:				Y: 45.4263242	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
<u>13</u>	1 of 3	SSE/94.3	68.2 / -3.81	CARLETON CONDOMINIUM CORP 333 Chapel St	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Ottawa ON K1N8A3

Generator No: ON3954931
 SIC Code:
 SIC Description:
 Approval Years: As of Jul 2020
 PO Box No:
 Country: Canada
 Status: Registered
 Co Admin:
 Choice of Contact:
 Phone No Admin:
 Contaminated Facility:
 MHSW Facility:

Detail(s)

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

13	2 of 3	SSE/94.3	68.2 / -3.81	CARLETON CONDOMINIUM CORP 333 Chapel St Ottawa ON K1N8A3	GEN
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Generator No: ON3954931
 SIC Code:
 SIC Description:
 Approval Years: As of Jan 2021
 PO Box No:
 Country: Canada
 Status: Registered
 Co Admin:
 Choice of Contact:
 Phone No Admin:
 Contaminated Facility:
 MHSW Facility:

Detail(s)

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

13	3 of 3	SSE/94.3	68.2 / -3.81	Carleton Condominium Corp # 60 333 Chapel Street Ottawa ON K1N 8Y8	GEN
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Generator No: ON7257367
 SIC Code:
 SIC Description:
 Approval Years: As of Oct 2022
 PO Box No:
 Country: Canada
 Status: Registered
 Co Admin:
 Choice of Contact:
 Phone No Admin:
 Contaminated Facility:
 MHSW Facility:

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251 L			
Waste Class Name:		OIL SKIMMINGS & SLUDGES			

14	1 of 1	W/108.2	72.9 / 0.92	301 LAURIER AVE E Ottawa ON	WWIS
Well ID:	7196193			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	28-Jan-2013 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z153020			Contractor:	7241
Tag:	A141839			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	OTTAWA CITY				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7196193.pdf

Additional Detail(s) (Map)

Well Completed Date: 2013/01/03
Year Completed: 2013
Depth (m): 3.35
Latitude: 45.4270641920381
Longitude: -75.6792872572722
Path: 719\7196193.pdf

Bore Hole Information

Bore Hole ID:	1004245047	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446861.00
Code OB Desc:		North83:	5030618.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	03-Jan-2013 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1004781236
Layer: 4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.8300000429153442			
Formation End Depth:		3.3499999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004781233			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004781235			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.6100000143051147			
Formation End Depth:		1.8300000429153442			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004781234			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		0.6100000143051147			
Formation End Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004781244			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004781246			
Layer:		3			
Plug From:		0.9100000262260437			
Plug To:		3.3499999046325684			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004781245			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.9100000262260437			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004781243			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004781232			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004781239			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		0.9100000262260437			
Casing Diameter:		3.450000047683716			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004781240			
Layer:		1			
Slot:		10			
Screen Top Depth:		0.9100000262260437			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:		3.3499999046325684			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.210000038146973			

Water Details

Water ID: 1004781238
 Layer:
 Kind Code:
 Kind:
 Water Found Depth:
 Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004781237
 Diameter: 5.710000038146973
 Depth From: 0.0
 Depth To: 3.3499999046325684
 Hole Depth UOM: m
 Hole Diameter UOM: cm

Links

Bore Hole ID:	1004245047	Tag No:	A141839
Depth M:	3.35	Contractor:	7241
Year Completed:	2013	Path:	719\7196193.pdf
Well Completed Dt:	2013/01/03	Latitude:	45.4270641920381
Audit No:	Z153020	Longitude:	-75.6792872572722

[15](#) 1 of 3 W/115.1 72.9 / 0.92 301 Laurier Ave E Ottawa ON K1N 6P8 **EHS**

Order No:	20200319145	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	24-MAR-20	Search Radius (km):	.25
Date Received:	19-MAR-20	X:	-75.6794332
Previous Site Name:		Y:	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

[15](#) 2 of 3 W/115.1 72.9 / 0.92 301 Laurier Ave E Ottawa ON K1N 6P8 **EHS**

Order No:	20200319145	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	24-MAR-20	Search Radius (km):	.25
Date Received:	19-MAR-20	X:	-75.6794332
Previous Site Name:		Y:	45.4273026
Lot/Building Size:			
Additional Info Ordered:			

[15](#) 3 of 3 W/115.1 72.9 / 0.92 301 Laurier Ave E Ottawa ON K1N 6P8 **EHS**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20200319145 Status: C Report Type: Standard Report Report Date: 24-MAR-20 Date Received: 19-MAR-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6794332 Y: 45.4273026					
16	1 of 2	W/115.5	72.9 / 0.92	A. POTVIN CONSTRUCTION LTD. 353 FRIEL STREET (SWM) OTTAWA ON K1N 7W7	CA
Certificate #: 3-0130-98- Application Year: 98 Issue Date: 3/9/1998 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
16	2 of 2	W/115.5	72.9 / 0.92	353 Friel St Ottawa ON K1N7W7	EHS
Order No: 20150312086 Status: C Report Type: Custom Report Report Date: 18-MAR-15 Date Received: 12-MAR-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679437 Y: 45.42728					
17	1 of 1	NNE/120.1	72.9 / 0.95	400 WILBROD STREET OTTAWA ON K1N 6M8	HINC
External File Num: FS INC 0711-06713 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 11/11/2007 Fuel Type Involved: Natural Gas Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: 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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
18	1 of 1	ENE/121.2	69.9 / -2.08	1728067 Ontario Limited 404 Laurier Ave E Parking Space #8 Ottawa ON K1J 7X8	ECA
Approval No:	7347-79BRK2			MOE District:	Ottawa
Approval Date:	2007-12-04			City:	
Status:	Approved			Longitude:	-75.6756
Record Type:	ECA			Latitude:	45.427998
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-WASTE MANAGEMENT SYSTEMS				
Project Type:	WASTE MANAGEMENT SYSTEMS				
Business Name:	1728067 Ontario Limited				
Address:	404 Laurier Ave E Parking Space #8				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6805-78ANQH-14.pdf				
PDF Site Location:					
19	1 of 1	W/125.1	72.9 / 0.92	OTTAWA HYDRO 297 LAURIER AVE. EAST. TRANSFORMER OTTAWA CITY ON K1N 6P8	SPL
Ref No:	118110			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	9/1/1995			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:	OTTAWA CITY
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:	9/5/1995			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE			Source Type:	
Site Name:					
Site County/District:					
Municipality No:	20101				
Site Geo Ref Meth:					
Incident Summary:	OTTAWA HYDRO-5 L TRANSF. OIL TO GROUND, EQUIPMENT FAILURE, ONGOING CLEANUP.				
Contaminant Qty:					
20	1 of 1	SW/132.8	71.9 / -0.03	36 Russell Ave Ottawa ON	EHS
Order No:	20161018006			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	24-OCT-16			Search Radius (km):	.25

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Received:	18-OCT-16			X:	-75.678527
Previous Site Name:				Y:	45.425985
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

<u>21</u>	1 of 2	W/138.3	72.9 / 0.92	338 Wilbrod St Ottawa ON	SPL
Ref No:	2820-AYYSP4			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2018/05/21			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	338 Wilbrod St
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	5030709
MOE Response:	No			Easting:	446823.66
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	Map
MOE Reported Dt:	2018/05/21			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Private residence<UNOFFICIAL>				
Site County/District:					
Municipality No:					
Site Geo Ref Meth:	10 -100 metres eg. Topographic Map				
Incident Summary:	TSSA FSB - 1.25" plastic IP hit by contractor				
Contaminant Qty:	0 other - see incident description				

<u>21</u>	2 of 2	W/138.3	72.9 / 0.92	PIPELINE HIT 1 1/4" 338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	2309390			Fuel Category:	
Incident Reported Dt:	5/22/2018			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	PIPELINE HIT 1 1/4"				
Incident Address:	338 WILBROD ST,,OTTAWA,ON,K1N 6M5,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Damage Reason:					
Notes:					

<u>22</u>	1 of 2	ENE/140.3	68.5 / -3.44	ON	BORE
Borehole ID:	613536			Inclin FLG:	No
OGF ID:	215514797			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	FEB-1972			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.428026
Total Depth m:	-999			Longitude DD:	-75.67534
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	447171
Drill Method:				Northing:	5030722
Orig Ground Elev m:	70			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	67.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218395526			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Brick fragments			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL. DARK,BROWN.				
Geology Stratum ID:	218395530			Mat Consistency:	Compact
Top Depth:	11.1			Material Moisture:	
Bottom Depth:	14.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Till			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND. DARK,BROWN,COMPACT.				
Geology Stratum ID:	218395531			Mat Consistency:	
Top Depth:	14.1			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:	Shale			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. SOUND,STRATIFIED. 000550300450750001700800055009001350020036502650240010003902800 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218395527			Mat Consistency:	Loose
Top Depth:	.5			Material Moisture:	
Bottom Depth:	1.7			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND. BROWN, LOOSE.				
Geology Stratum ID:	218395528			Mat Consistency:	Stiff
Top Depth:	1.7			Material Moisture:	
Bottom Depth:	4.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY, BROWN, VERY STIFF, WEATHERED.				
Geology Stratum ID:	218395529			Mat Consistency:	Stiff
Top Depth:	4.1			Material Moisture:	
Bottom Depth:	11.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY, STIFF, LAYERED.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 060440 NTS_Sheet: 31G05G				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
22	2 of 2	ENE/140.3	68.5 / -3.44	1728067 Ontario Limited 404 Laurier Ave E Parking Space #8 Ottawa ON	CA
Certificate #:	7347-79BRK2				
Application Year:	2007				
Issue Date:	12/4/2007				
Approval Type:	Waste Management Systems				
Status:	Approved				
Application Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
23	1 of 1	SSW/142.5	69.4 / -2.59	Sam Himyary and Maha Al-Yasiri 59 Russell Ave Ottawa ON K1V 2H9	ECA
Approval No: 2752-A7TR4D Approval Date: 2016-03-13 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Sam Himyary and Maha Al-Yasiri Address: 59 Russell Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6144-9ZGKZV-14.pdf PDF Site Location:					
24	1 of 1	WSW/143.5	72.9 / 0.92	OTTAWA CITY FRIEL ST./LAURIER AVE. OTTAWA CITY ON	CA
Certificate #: 3-0943-90- Application Year: 90 Issue Date: 6/5/1990 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
25	1 of 1	WNW/146.6	72.9 / 0.92	Conseil des ecoles publiques de l'Est de l'Ontario Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4	GEN
Generator No: ON7879849 SIC Code: SIC Description: Approval Years: As of Oct 2022 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263 C			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		263 I			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
26	1 of 3	W/153.7	72.9 / 0.92	326 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	21071300545			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUL-21			Search Radius (km):	.25
Date Received:	13-JUL-21			X:	-75.6799022
Previous Site Name:				Y:	45.4275683
Lot/Building Size:					
Additional Info Ordered:					
26	2 of 3	W/153.7	72.9 / 0.92	326 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	21071300545			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUL-21			Search Radius (km):	.25
Date Received:	13-JUL-21			X:	-75.6799022
Previous Site Name:				Y:	45.4275683
Lot/Building Size:					
Additional Info Ordered:					
26	3 of 3	W/153.7	72.9 / 0.92	326 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	21071300545			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	16-JUL-21			Search Radius (km):	.25
Date Received:	13-JUL-21			X:	-75.6799022
Previous Site Name:				Y:	45.4275683
Lot/Building Size:					
Additional Info Ordered:					
27	1 of 1	WSW/154.1	72.9 / 0.92	ON	BORE
Borehole ID:	613501			Inclin FLG:	No
OGF ID:	215514777			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 65.5 Elev Reliabil Note: DEM Ground Elev m: 70.2 Concession: Location D: Survey D: Comments:				Township: Latitude DD: 45.426202 Longitude DD: -75.679281 UTM Zone: 18 Easting: 446861 Northing: 5030522 Location Accuracy: Accuracy: Not Applicable	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218395392 Top Depth: 12.8 Bottom Depth: 14.3 Material Color: Material 1: Sand Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: SAND. COMPACT.				Mat Consistency: Compact Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395388 Top Depth: 0 Bottom Depth: 1.2 Material Color: Material 1: Fill Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: FILL.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: fill	
Geology Stratum ID: 218395391 Top Depth: 12.2 Bottom Depth: 12.8 Material Color: Material 1: Gravel Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: GRAVEL.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395390 Top Depth: 1.8 Bottom Depth: 12.2 Material Color: Blue Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY. BLUE,SOFT.				Mat Consistency: Soft Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218395389 Top Depth: 1.2 Bottom Depth: 1.8 Material Color: Material 1: Clay				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. FRIABLE.

Geology Stratum ID: 218395393
Top Depth: 14.3
Bottom Depth:
Material Color: Grey
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. . BEDROCK. GREY,FOSSILIFEROUS,FRACTURED. CK. GREY,SOUND. 00000013000900130013
 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 060090 NTS_Sheet: 31G05G
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source Appl: Spatial/Tabular
Source Ident: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

28 1 of 7 **WNW/155.7** **72.9 / 0.92** **339 Wilbrod Street**
Ottawa ON K1N 6M4 **EHS**

Order No: 20070808010
Status: C
Report Type: CAN - Custom Report
Report Date: 8/16/2007
Date Received: 8/8/2007
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State:
Search Radius (km): 0.25
X: -75.679704
Y: 45.428174

28 2 of 7 **WNW/155.7** **72.9 / 0.92** **Conseil des ecoles publiques de l'est de**
l'Ontario CEPEO
339 Wilbrod Road
Ottawa ON K1N 6M4 **GEN**

Generator No: ON9458753
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p>Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:</p> <p><u>Detail(s)</u></p> <p>Waste Class: 243 D Waste Class Name: PCB</p>					
28	3 of 7	WNW/155.7	72.9 / 0.92	Conseil de ecoles publiques de l'Est de l'Ontario Francojeunesse Pavillon, 339, rue Wilbrod Ottawa ON K1N 6M4	GEN
<p>Generator No: ON7879849 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:</p> <p><u>Detail(s)</u></p> <p>Waste Class: 148 C Waste Class Name: Misc. wastes and inorganic chemicals</p> <p>Waste Class: 263 C Waste Class Name: Misc. waste organic chemicals</p>					
28	4 of 7	WNW/155.7	72.9 / 0.92	Conseil des ecoles publiques de l'Est de l'Ontario 339 rue Wilbrod st Ottawa ON K1N 6M3	GEN
<p>Generator No: ON5510250 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:</p> <p><u>Detail(s)</u></p> <p>Waste Class: 253 T Waste Class Name: Emulsified oils</p>					
28	5 of 7	WNW/155.7	72.9 / 0.92	Conseil des ecoles publiques de l'Est de l'Ontario	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<i>Pavillon Francojeunesse, 339, rue Wilbrod Ottawa ON K1N 6M4</i>	
		Generator No:	ON7879849		
		SIC Code:			
		SIC Description:			
		Approval Years:	As of Nov 2021		
		PO Box No:			
		Country:	Canada		
		Status:	Registered		
		Co Admin:			
		Choice of Contact:			
		Phone No Admin:			
		Contaminated Facility:			
		MHSW Facility:			
		<u>Detail(s)</u>			
		Waste Class:	263 I		
		Waste Class Name:	Misc. waste organic chemicals		
		Waste Class:	263 C		
		Waste Class Name:	Misc. waste organic chemicals		
		Waste Class:	148 C		
		Waste Class Name:	Misc. wastes and inorganic chemicals		

28	6 of 7	WNW/155.7	72.9 / 0.92	<i>Conseil des ecoles publiques de l'Est de l'Ontario 339 rue Wilbrod st Ottawa ON K1N 6M3</i>	GEN
		Generator No:	ON5510250		
		SIC Code:			
		SIC Description:			
		Approval Years:	As of Jan 2021		
		PO Box No:			
		Country:	Canada		
		Status:	Registered		
		Co Admin:			
		Choice of Contact:			
		Phone No Admin:			
		Contaminated Facility:			
		MHSW Facility:			
		<u>Detail(s)</u>			
		Waste Class:	253 T		
		Waste Class Name:	Emulsified oils		

28	7 of 7	WNW/155.7	72.9 / 0.92	<i>Conseil des ecoles publiques de l'est de l'Ontario CEPEO 339 Wilbrod Road Ottawa ON K1N 6M4</i>	GEN
		Generator No:	ON9458753		
		SIC Code:			
		SIC Description:			
		Approval Years:	As of Jan 2021		
		PO Box No:			
		Country:	Canada		
		Status:	Registered		
		Co Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Choice of Contact:
 Phone No Admin:
 Contaminated Facility:
 MHSW Facility:

Detail(s)

Waste Class: 243 D
 Waste Class Name: PCB

[29](#) 1 of 1 W/157.6 72.9 / 0.92 353 Friel Street Ottawa ON **EHS**

Order No:	20131004033	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	16-OCT-13	Search Radius (km):	.25
Date Received:	04-OCT-13	X:	-75.679971
Previous Site Name:		Y:	45.42723
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

[30](#) 1 of 1 E/158.3 65.9 / -6.05 ON **BORE**

Borehole ID:	613529	Inclin FLG:	No
OGF ID:	215514793	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	FEB-1972	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.427669
Total Depth m:	11.9	Longitude DD:	-75.674824
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	447211
Drill Method:		Northing:	5030682
Orig Ground Elev m:	70	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	64.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218395500	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	1.1	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:		Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:	Gravel	Depositional Gen:	

Gsc Material Description:
 Stratum Description: ARTIFICIAL. DARK,BROWN.

Geology Stratum ID:	218395501	Mat Consistency:	
Top Depth:	1.1	Material Moisture:	
Bottom Depth:	1.5	Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND. LIGHT,BROWN.				
Geology Stratum ID:	218395503			Mat Consistency:	Firm
Top Depth:	4.1			Material Moisture:	
Bottom Depth:	10.6			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,FIRM,STIFF,LAYERED.				
Geology Stratum ID:	218395502			Mat Consistency:	Stiff
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	4.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. GREY,BROWN,VERY STIFF, WEATHERED.				
Geology Stratum ID:	218395504			Mat Consistency:	Compact
Top Depth:	10.6			Material Moisture:	
Bottom Depth:	11.9			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Till			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND. DARK,GREY,COMPACT. 00000041000500120034701800198 005 00150 018 0002500500050011000				
	**Note: Many records provided by the department have a truncated [Stratum Description] field.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 060370 NTS_Sheet: 31G05G				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	1 of 2	SSW/158.4	71.4 / -0.51	50 Russell Ave Ottawa ON K1N 7W8	EHS
Order No:	20010904002			Nearest Intersection:	Laurier Ave/ Osgoode
Status:	C			Municipality:	
Report Type:	Complete Report			Client Prov/State:	ON
Report Date:	9/11/01			Search Radius (km):	0.25
Date Received:	9/4/01			X:	-75.678257
Previous Site Name:				Y:	45.425842
Lot/Building Size:	see map				
Additional Info Ordered:					
31	2 of 2	SSW/158.4	71.4 / -0.51	50 Russell Ave Ottawa ON K1N7W8	EHS
Order No:	20130514039			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	23-MAY-13			Search Radius (km):	.25
Date Received:	14-MAY-13			X:	-75.678432
Previous Site Name:				Y:	45.4257
Lot/Building Size:					
Additional Info Ordered:					
32	1 of 1	W/165.3	72.9 / 0.92	351 Friel St Ottawa ON K1N 7W7	EHS
Order No:	20180109026			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Express Report			Client Prov/State:	ON
Report Date:	09-JAN-18			Search Radius (km):	.25
Date Received:	09-JAN-18			X:	-75.680055
Previous Site Name:				Y:	45.427556
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
33	1 of 3	W/168.5	72.9 / 0.92	330 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	20311300190			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-NOV-20			Search Radius (km):	.25
Date Received:	13-NOV-20			X:	-75.6800154
Previous Site Name:				Y:	45.4278046
Lot/Building Size:	610.79 m ²				
Additional Info Ordered:					
33	2 of 3	W/168.5	72.9 / 0.92	330 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	20311300190			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-NOV-20			Search Radius (km):	.25
Date Received:	13-NOV-20			X:	-75.6800154
Previous Site Name:				Y:	45.4278046
Lot/Building Size:	610.79 m ²				
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	3 of 3	W/168.5	72.9 / 0.92	330 Wilbrod Street Ottawa ON K1N 6M5	EHS
Order No:	20311300190			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-NOV-20			Search Radius (km):	.25
Date Received:	13-NOV-20			X:	-75.6800154
Previous Site Name:				Y:	45.4278046
Lot/Building Size:	610.79 m ²				
Additional Info Ordered:					
34	1 of 2	NW/169.8	72.9 / 0.92	Lucienne Marie Emilia Berthiaume 258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa ON	EBR
EBR Registry No:	IA05E0169			Decision Posted:	
Ministry Ref No:	8886-698S8G			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	July 19, 2005			Act 2:	
Proposal Date:	February 10, 2005			Site Location Map:	
Year:	2005				
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)				
Off Instrument Name:					
Posted By:					
Company Name:	Lucienne Marie Emilia Berthiaume				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	1691 Laurelwood Place, Ottawa Ontario, K1C 6Y4				
Comment Period:					
URL:					
Site Location Details:					
258 Stewart Street Ottawa Ontario K1N 6K4 Ottawa					
34	2 of 2	NW/169.8	72.9 / 0.92	258 STEWART ST. Ottawa ON	WWIS
Well ID:	7106553			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	18-Jun-2008 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	M00595			Contractor:	6964
Tag:	A032149			Form Version:	5
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		OTTAWA CITY			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7106553.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2008/06/11			
Year Completed:		2008			
Depth (m):					
Latitude:		45.4288684943839			
Longitude:		-75.6786058005583			
Path:		710\7106553.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1001616032		Elevation:	
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:		11-Jun-2008 00:00:00		Elevrc:	
Remarks:					
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Zone:		18			
East83:		446916.00			
North83:		5030818.00			
Org CS:		UTM83			
UTMRC:		3			
UTMRC Desc:		margin of error : 10 - 30 m			
Location Method:		wwr			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002708933			
Layer:		1			
Plug From:		0.0			
Plug To:		0.15000000596046448			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002708934			
Layer:		2			
Plug From:		0.15000000596046448			
Plug To:		0.6000000238418579			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002708935			
Layer:		3			
Plug From:		0.6000000238418579			
Plug To:		4.599999904632568			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002708936				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Links</u>					
Bore Hole ID:	1001616032			Tag No:	A032149
Depth M:				Contractor:	6964
Year Completed:	2008			Path:	710\7106553.pdf
Well Completed Dt:	2008/06/11			Latitude:	45.4288684943839
Audit No:	M00595			Longitude:	-75.6786058005583

35	1 of 1	NW/170.7	72.9 / 0.92	258 STEWART STREET OTTAWA ON	WWIS
Well ID:	7047370			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	02-Aug-2007 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z34856			Contractor:	6964
Tag:	A032149			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	OTTAWA CITY				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7047370.pdf				

Additional Detail(s) (Map)

Well Completed Date:	2007/05/29
Year Completed:	2007
Depth (m):	4.6
Latitude:	45.4288774949998
Longitude:	-75.6786059084158
Path:	704\7047370.pdf

Bore Hole Information

Bore Hole ID:	23047370	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446916.00
Code OB Desc:		North83:	5030819.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	29-May-2007 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		30347370			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.15000000596046448			
Formation End Depth:		2.0			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		30447370			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		4.599999904632568			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		30147370			
Layer:		1			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.05000000074505806			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		30247370			
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.05000000074505806			
Formation End Depth:		0.15000000596046448			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		44002430			
Layer:		1			
Plug From:		0.0			
Plug To:		0.20000000298023224			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		44002429			
Layer:		3			
Plug From:		1.0			
Plug To:		4.599999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		44002431			
Layer:		2			
Plug From:		0.20000000298023224			
Plug To:		1.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		25947370			
Method Construction Code:		9			
Method Construction:		Driving			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		29047370			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		42147370			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Open Hole or Material: STEEL
Depth From: 0.05000000074505806
Depth To: 1.399999976158142
Casing Diameter: 2.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 43147370
Layer: 1
Slot: 10
Screen Top Depth: 1.399999976158142
Screen End Depth: 4.599999904632568
Screen Material: 1
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 3.0

Hole Diameter

Hole ID: 46001594
Diameter: 5.0
Depth From: 0.15000000596046448
Depth To: 4.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 46001593
Diameter: 20.299999237060547
Depth From: 0.0
Depth To: 0.15000000596046448
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 23047370	Tag No: A032149
Depth M: 4.6	Contractor: 6964
Year Completed: 2007	Path: 7047047370.pdf
Well Completed Dt: 2007/05/29	Latitude: 45.4288774949998
Audit No: Z34856	Longitude: -75.6786059084158

36	1 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Avenue East Ottawa ON K1N 6P5	EHS
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Order No: 20290900059	Nearest Intersection:
Status: C	Municipality:
Report Type: Standard Report	Client Prov/State: ON
Report Date: 14-SEP-20	Search Radius (km): .25
Date Received: 09-SEP-20	X: -75.679723
Previous Site Name:	Y: 45.4263762
Lot/Building Size:	
Additional Info Ordered: Fire Insur. Maps and/or Site Plans	

36	2 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	EHS
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 21062800322 Status: C Report Type: Custom Report Report Date: 02-JUL-21 Date Received: 28-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679723 Y: 45.4263762					
36	3 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Avenue East Ottawa ON K1N 6P5	EHS
Order No: 20290900059 Status: C Report Type: Standard Report Report Date: 14-SEP-20 Date Received: 09-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679723 Y: 45.4263762					
36	4 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	EHS
Order No: 21062800322 Status: C Report Type: Custom Report Report Date: 02-JUL-21 Date Received: 28-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679723 Y: 45.4263762					
36	5 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Ave E Ottawa Ottawa ON K1N 6P5	EHS
Order No: 21062800322 Status: C Report Type: Custom Report Report Date: 02-JUL-21 Date Received: 28-JUN-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679723 Y: 45.4263762					
36	6 of 6	WSW/173.2	72.9 / 0.92	280 Laurier Avenue East Ottawa ON K1N 6P5	EHS
Order No: 20290900059 Status: C Report Type: Standard Report Report Date: 14-SEP-20 Date Received: 09-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679723 Y: 45.4263762					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 2	W/175.5	72.9 / 0.92	362 Friel Street Ottawa ON K1N 7W6	EHS
Order No:	20110620001			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	6/28/2011			Search Radius (km):	0.25
Date Received:	6/20/2011 8:39:23 AM			X:	-75.680189
Previous Site Name:				Y:	45.427148
Lot/Building Size:					
Additional Info Ordered:					
37	2 of 2	W/175.5	72.9 / 0.92	362 Friel St Ottawa ON K1N7W6	EHS
Order No:	20170403005			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-APR-17			Search Radius (km):	.25
Date Received:	03-APR-17			X:	-75.680189
Previous Site Name:				Y:	45.427148
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
38	1 of 2	SW/177.1	72.0 / 0.00	Enbridge Gas Distribution Inc. 39 Sweetland Ave Ottawa ON	SPL
Ref No:	4076-BA8UYH			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	3/13/2019			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:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	39 Sweetland Ave
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	3/13/2019			Site Map Datum:	
Dt Document Closed:	5/8/2019			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	2" plastic IP gas main<UNOFFICIAL>				
Site County/District:					
Municipality No:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB - Spill - 2 inch gas line hit by contractor				
Contaminant Qty:	0 other - see incident description				
38	2 of 2	SW/177.1	72.0 / 0.00	ENBRIDGE GAS INC 39 SWEETLAND AVE,, OTTAWA, ON, K1N 7T7, CA ON	PINC
Incident Id:				Pipe Material:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident No:	2531848			Fuel Category:	
Incident Reported Dt:	3/14/2019			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	ENBRIDGE GAS INC				
Incident Address:	39 SWEETLAND AVE.,OTTAWA,ON,K1N 7T7,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

39	1 of 3	NW/181.0	72.9 / 0.92	PRIVATE RESIDENCE 258 STEWART ST FURNACE OIL TANK OTTAWA CITY ON K1N 6K4	SPL
Ref No:	204291			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	6/25/2001			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:	OTTAWA CITY
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:	6/25/2001			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	OTHER			Source Type:	
Site Name:					
Site County/District:					
Municipality No:	20107				
Site Geo Ref Meth:					
Incident Summary:	PRIVATE RESIDENCE:SPILL OF UKN AMOUNT FURNACE OIL TO DIRT AROUND TANK.				
Contaminant Qty:					

39	2 of 3	NW/181.0	72.9 / 0.92	Lucienne Marie Emilia Berthiaume 258 Stewart Street Ottawa ON	CA
Certificate #:	8274-6E7P77				
Application Year:	2005				
Issue Date:	7/18/2005				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
39	3 of 3	NW/181.0	72.9 / 0.92	Lucienne Marie Emilia Berthiaume 258 Stewart Street Ottawa ON K1C 6Y4	ECA
Approval No: 8274-6E7P77 Approval Date: 2005-07-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: Lucienne Marie Emilia Berthiaume Address: 258 Stewart Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8886-698S8G-14.pdf PDF Site Location:					
40	1 of 1	SSW/184.6	69.8 / -2.14	60 Russell Avenue Ottawa ON	EHS
Order No: 20120621010 Status: C Report Type: Custom Report Report Date: 27-JUN-12 Date Received: 21-JUN-12 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
41	1 of 1	W/185.0	72.9 / 0.92	319 Wilbrod St Ottawa On Ottawa ON K1N6M4	EHS
Order No: 20150205064 Status: C Report Type: Standard Report Report Date: 11-FEB-15 Date Received: 05-FEB-15 Previous Site Name: Lot/Building Size: 0.15 acres Additional Info Ordered:					
42	1 of 1	WNW/185.1	72.9 / 0.92	339 WILBROD ST. Ottawa ON	WWIS
Well ID: 7101159 Construction Date: Use 1st: Monitoring Flowing (Y/N): Flow Rate: Data Entry Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	22-Oct-2007 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	M00164			Contractor:	7241
Tag:	A063670			Form Version:	5
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	OTTAWA CITY				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2007/09/27				
Year Completed:	2007				
Depth (m):					
Latitude:	45.4281226902002				
Longitude:	-75.6799007766152				
Path:	710\7101159.pdf				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2007/09/27				
Year Completed:	2007				
Depth (m):					
Latitude:	45.4283117791937				
Longitude:	-75.6798902633051				
Path:	710\7101159.pdf				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2007/09/27				
Year Completed:	2007				
Depth (m):					
Latitude:	45.4280959927002				
Longitude:	-75.6798493222646				
Path:	710\7101159.pdf				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2007/09/27				
Year Completed:	2007				
Depth (m):					
Latitude:	45.4282968203391				
Longitude:	-75.6793787436657				
Path:	710\7101159.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7101159.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2007/09/27				
Year Completed:	2007				
Depth (m):	6.1				
Latitude:	45.4282968203391				
Longitude:	-75.6793787436657				
Path:	710\7101159.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002522734				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:	This is a record from cluster log sheet				
Date Completed:	27-Sep-2007 00:00:00				
Remarks:					
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002522738				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002522737				
Method Construction Code:					
Method Construction:					
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1002522739				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002522741				
Layer:					
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Depth To:</i>		3.0999999046325684			
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>					
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1002522740			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>		3.0999999046325684			
<i>Screen End Depth:</i>		6.099999904632568			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1002522742			
<i>Pump Set At:</i>					
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>					
<i>Rate UOM:</i>					
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1002522736			
<i>Diameter:</i>		8.890000343322754			
<i>Depth From:</i>					
<i>Depth To:</i>		6.099999904632568			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1001480640			<i>Elevation:</i>	
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>				<i>East83:</i>	446855.00
<i>Code OB Desc:</i>				<i>North83:</i>	5030755.00
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	3
<i>Date Completed:</i>	27-Sep-2007 00:00:00			<i>UTMRC Desc:</i>	margin of error : 10 - 30 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Loc Method Desc:</i>		on Water Well Record			
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002522747			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		91			
Mat2 Desc:		WATER-BEARING			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		4.269999980926514			
Formation End Depth:		6.099999904632568			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002522746			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:		91			
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		1.5			
Formation End Depth:		4.269999980926514			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002522745			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002522744			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Most Common Material:		TOPSOIL			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002522751			
Layer:		3			
Plug From:		2.440000057220459			
Plug To:		6.099999904632568			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002522749			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002522750			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		2.440000057220459			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002522755			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002522743			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002522752			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		3.0999999046325684			
Casing Diameter:					
Casing Diameter UOM:		cm			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:	1002522753				
Layer:	1				
Slot:	10				
Screen Top Depth:	3.0999999046325684				
Screen End Depth:	6.099999904632568				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	3.809999942779541				
<u>Hole Diameter</u>					
Hole ID:	1002522748				
Diameter:	8.890000343322754				
Depth From:	0.0				
Depth To:	6.099999904632568				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002522725			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446814.00
Code OB Desc:				North83:	5030736.00
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	27-Sep-2007 00:00:00			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002522729				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002522728				
Method Construction Code:					
Method Construction:					
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		1002522730			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002522732			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		2.440000057220459			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002522731			
Layer:					
Slot:					
Screen Top Depth:		2.440000057220459			
Screen End Depth:		5.489999771118164			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002522733			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002522727			
Diameter:		8.890000343322754			
Depth From:					
Depth To:		5.489999771118164			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002522707			Elevation:	
DP2BR:				Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	446855.00
Code OB Desc:				North83:	5030755.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:				UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002522711			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002522710			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1002522712			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002522714			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		3.0999999046325684			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002522713			
Layer:					
Slot:					
Screen Top Depth:		3.0999999046325684			
Screen End Depth:		6.099999904632568			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:	1002522715				
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:	1002522709				
Diameter:	8.890000343322754				
Depth From:					
Depth To:	6.099999904632568				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002522716				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:	This is a record from cluster log sheet				
Date Completed:	27-Sep-2007 00:00:00				
Remarks:					
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:					
Elevrc:					
Zone:	18				
East83:	446818.00				
North83:	5030733.00				
Org CS:	UTM83				
UTMRC:	3				
UTMRC Desc:	margin of error : 10 - 30 m				
Location Method:	wwr				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002522720				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002522719				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
 <u>Pipe Information</u>					
Pipe ID:		1002522721			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1002522723			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		3.0999999046325684			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1002522722			
Layer:					
Slot:					
Screen Top Depth:		3.0999999046325684			
Screen End Depth:		6.099999904632568			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002522724			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
 <u>Hole Diameter</u>					
Hole ID:		1002522718			
Diameter:		8.890000343322754			
Depth From:					
Depth To:		6.099999904632568			
Hole Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1002522716			Tag No:	A063670
Depth M:				Contractor:	7241
Year Completed:	2007			Path:	710\7101159.pdf
Well Completed Dt:	2007/09/27			Latitude:	45.4280959927002
Audit No:	M00164			Longitude:	-75.6798493222646
<u>Links</u>					
Bore Hole ID:	1002522725			Tag No:	A063670
Depth M:				Contractor:	7241
Year Completed:	2007			Path:	710\7101159.pdf
Well Completed Dt:	2007/09/27			Latitude:	45.4281226902002
Audit No:	M00164			Longitude:	-75.6799007766152
<u>Links</u>					
Bore Hole ID:	1002522734			Tag No:	A063670
Depth M:				Contractor:	7241
Year Completed:	2007			Path:	710\7101159.pdf
Well Completed Dt:	2007/09/27			Latitude:	45.4283117791937
Audit No:	M00164			Longitude:	-75.6798902633051
<u>Links</u>					
Bore Hole ID:	1001480640			Tag No:	A063670
Depth M:	6.1			Contractor:	7241
Year Completed:	2007			Path:	710\7101159.pdf
Well Completed Dt:	2007/09/27			Latitude:	45.4282968203391
Audit No:	M00164			Longitude:	-75.6793787436657
<u>Links</u>					
Bore Hole ID:	1002522707			Tag No:	A063670
Depth M:				Contractor:	7241
Year Completed:	2007			Path:	710\7101159.pdf
Well Completed Dt:	2007/09/27			Latitude:	45.4282968203391
Audit No:	M00164			Longitude:	-75.6793787436657

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WSW/185.2

72.9 / 0.92

Parson Refrigeration (1985) Ltd.
273 Laurier Ave
Ottawa ON

SPL

Ref No: 1530-7LPH7A
Site No:
Incident Dt:
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: n/a
Contaminant Name: REFRIGERANT GAS R12
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Air Pollution
Receiving Medium:
Receiving Env:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Response: No Field Response Dt MOE Arvl on Scrn: MOE Reported Dt: 11/24/2008 Dt Document Closed: 11/26/2008 Incident Reason: Spill Site Name: Grenon's Your Independant Grocer<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: Grenon's Grocer: 25 lbs refrigerant to atm Contaminant Qty: 12 kg Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Air Spills - Fires Source Type:					
44	1 of 3	W/186.6	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 21072100026 Status: C Report Type: Custom Report Report Date: 26-JUL-21 Date Received: 21-JUL-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6803469 Y: 45.4272875					
44	2 of 3	W/186.6	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 21072100026 Status: C Report Type: Custom Report Report Date: 26-JUL-21 Date Received: 21-JUL-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6803469 Y: 45.4272875					
44	3 of 3	W/186.6	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 21072100026 Status: C Report Type: Custom Report Report Date: 26-JUL-21 Date Received: 21-JUL-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Topographic Maps Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6803469 Y: 45.4272875					
45	1 of 1	WSW/187.5	72.9 / 0.92	GWL REATLY ADVISORS 271 LAURIER Avenue East OTTAWA ON K1N6P7	NPRI
NPRI ID: 8800001869 Other ID: No Other ID: Track ID: Report ID: Report Type: Rpt Type ID: Org ID: Submit Date: Last Modified: Contact ID: Cont Type: MED Contact Title: Mr. Cont First Name: WAYNE					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Year: Not-Current Rpt?:	2004			Cont Last Name: Contact Position:	PROULX MANAGER ENERGY ENVIRONMENTAL SERVICES
Yr of Last Filed Rpt: Fac ID: Fac Name: Fac Address1: Fac Address2: Fac Postal Zip: Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: Facility Cmnts: URL:	271 LAURIER AVE E			Contact Fax: Contact Ph.: Cont Area Code: Contact Tel.: Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: Longitude: UTM Zone: UTM Northing: UTM Easting: Waste Streams: No Streams: Waste Off Sites: No Off Sites: Shutdown: No of Shutdown:	905 3618193 905 3618188 wayne.proulx@gwlra.com
No of Empl.: Parent Co.: No Parent Co.: Pollut Prev Cmnts: Stacks: No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): NAICS 2 Description: NAICS Code (4 digit): NAICS 4 Description: NAICS Code (6 digit): NAICS 6 Description:	10				
		53			
		Real Estate and Rental and Leasing			
		5311			
		Lessors of Real Estate			
		531120			
		Lessors of Non-Residential Buildings (except Mini-Warehouses)			

Substance Release Report

CAS No: 811-97-2
Report ID:
Rpt Period: 2004
Subst Released: HFC-134a Hydrofluorocarbon
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: 7446-09-5
Report ID:
Rpt Period: 2004
Subst Released: Sulphur dioxide
Air:
Water:
Land:
Total Releases:
Units: tonnes

CAS No: NA - M16
Report ID:
Rpt Period: 2004
Subst Released: Volatile Organic Compounds (VOCs)
Air:
Water:
Land:
Total Releases:
Units: tonnes

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
CAS No:		NA - M09			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM10 - Particulate Matter <= 10 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		10024-97-2			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrous oxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		124-38-9			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		74-82-8			
Report ID:					
Rpt Period:		2004			
Subst Released:		Methane			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M10			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM2.5 - Particulate Matter <= 2.5 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		11104-93-1			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrogen oxides (expressed as NO2)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		630-08-0			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon monoxide			
Air:					
Water:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Land: Total Releases: Units: tonnes					
CAS No: NA - M08 Report ID: Rpt Period: 2004 Subst Released: PM - Total Particulate Matter Air: Water: Land: Total Releases: Units: tonnes					
46	1 of 1	WSW/188.1	72.9 / 0.92	261 Laurier Avenue East Ottawa ON K1N 6P7	EHS
Order No: 20181109029 Status: C Report Type: Standard Report Report Date: 14-NOV-18 Date Received: 09-NOV-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680201 Y: 45.426727					
47	1 of 3	NE/188.5	70.9 / -1.11	Enbridge Gas - Ottawa<UNOFFICIAL> 419 Laurier Ave - east Ottawa ON K1N 6R4	SPL
Ref No: 0727-7K6S76 Site No: Incident Dt: Year: Incident Cause: Pipe Or Hose Leak Incident Event: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Air Pollution Receiving Medium: Receiving Env: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 10/6/2008 Dt Document Closed: 12/3/2008 Incident Reason: Damage By Moving Equipment - Containers damaged by moving Site Name: Construction Site<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: TSSA fsb: 1" line strike, media. Ottawa Contaminant Qty: 0 min (duration)					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Pipeline Agency Involved: Nearest Watercourse: Site Address: Site District Office: Ottawa Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch Source Type:					
47	2 of 3	NE/188.5	70.9 / -1.11	419 LAURIER AVENUE EAST OTTAWA ON K1N 6R4	HINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
External File Num:		FS INC 0807-03881			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		7/15/2008			
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:No Training:No Management:Yes Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					

[47](#) 3 of 3 **NE/188.5** **70.9 / -1.11** **419 LAURIER STREET EAST
OTTAWA ON** **HINC**

External File Num:		FS INC 0810-05962			
Fuel Occurrence Type:		Pipeline Strike			
Date of Occurrence:		11/6/2008			
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:		No			
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: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:					

[48](#) 1 of 1 **W/189.0** **72.9 / 0.92** **261 Laurier Avenue East and 400 Friel Street
Ottawa ON** **EHS**

Order No:	20101026003	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	11/1/2010	Search Radius (km):	0.25
Date Received:	10/26/2010 8:53:00 AM	X:	-75.680268
Previous Site Name:		Y:	45.426835
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
49	1 of 1	WNW/189.1	72.9 / 0.91	ON	BORE

Borehole ID:	613542	Inclin FLG:	No
OGF ID:	215514802	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:		Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.428178
Total Depth m:	-999	Longitude DD:	-75.680072
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	446801
Drill Method:		Northing:	5030742
Orig Ground Elev m:	62.5	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	70.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218395548	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	1.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Sand	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SAND.		
Geology Stratum ID:	218395549	Mat Consistency:	Compact
Top Depth:	1.5	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY. 00060AY. GREY,STIFF,SENSITIVE. SILT. LOOSE TO COMPACT. 0002600200140005 00050 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Ident:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	H	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 060500 NTS_Sheet: 31G05G		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator					
50	1 of 3	WSW/190.0	72.9 / 0.92	OTTAWA CITY SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	CA
Certificate #: 3-0715-90-90 Application Year: 90 Issue Date: 5/23/1990 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
50	2 of 3	WSW/190.0	72.9 / 0.92	R.M. OF OTTAWA-CARLETON SWEETLAND AVE./LAURIER AVE./SO OTTAWA CITY ON	CA
Certificate #: 7-0617-90-90 Application Year: 90 Issue Date: 5/23/1990 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
50	3 of 3	WSW/190.0	72.9 / 0.92	Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Ottawa ON	SPL
Ref No: 8516-6EY4AM Site No: Incident Dt: 8/4/2005 Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: GASOLINE Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Surface Water Pollution Receiving Medium: Water Discharger Report: 0 Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Ottawa Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 8/4/2005 Dt Document Closed: Incident Reason: Site Name: Laurier Avenue East and Sweetland Avenue<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: Ottawa: 1/2 tank of gasoline to catchbasin from vehicle Contaminant Qty: 20 L				Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Spills to Watercourses Source Type:	
51	1 of 3	W/190.3	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 20191205122 Status: C Report Type: Standard Report Report Date: 10-DEC-19 Date Received: 05-DEC-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680394 Y: 45.427293	
51	2 of 3	W/190.3	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 20191205122 Status: C Report Type: Standard Report Report Date: 10-DEC-19 Date Received: 05-DEC-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680394 Y: 45.427293	
51	3 of 3	W/190.3	72.9 / 0.92	360 Friel Street Ottawa ON K1N 7W7	EHS
Order No: 20191205122 Status: C Report Type: Standard Report Report Date: 10-DEC-19 Date Received: 05-DEC-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680394 Y: 45.427293	
52	1 of 1	ESE/190.6	62.9 / -9.08	82 Goulburn Avenue Ottawa ON K1N 8E1	SPL
Ref No: 6248-76J3D9 Site No: Incident Dt: Year: Incident Cause: Valve / Fitting Leak Or Failure Incident Event: Contaminant Code: 13				Discharger Report: Material Group: Oil Health/Env Conseq: Client Type: Sector Type: Transformer Agency Involved: Nearest Watercourse:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Name: MINERAL OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Confirmed Nature of Impact: Soil Contamination Receiving Medium: Land Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 8/28/2007 Dt Document Closed: 10/13/2007 Incident Reason: Site Name: Transformer leak<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: Hydro Ottawa: Transformer Leak, 2L oil to ground Contaminant Qty: 2 L					
53	1 of 3	E/190.6	64.6 / -7.41	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
Order No: 20291500307 Status: C Report Type: Standard Report Report Date: 18-SEP-20 Date Received: 15-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6744561 Y: 45.4278106					
53	2 of 3	E/190.6	64.6 / -7.41	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
Order No: 20291500307 Status: C Report Type: Standard Report Report Date: 18-SEP-20 Date Received: 15-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6744561 Y: 45.4278106					
53	3 of 3	E/190.6	64.6 / -7.41	17 Marlborough Avenue Ottawa ON K1N 8E6	EHS
Order No: 20291500307 Status: C Report Type: Standard Report Report Date: 18-SEP-20 Date Received: 15-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6744561 Y: 45.4278106					
54	1 of 1	SE/193.2	62.1 / -9.91	45 Blackburn Ave Ottawa ON K1N8A4	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20160816012 Status: C Report Type: Standard Report Report Date: 19-AUG-16 Date Received: 16-AUG-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.67522 Y: 45.425852					
55	1 of 1	W/197.0	72.9 / 0.92	325 Wilbrod St Ottawa ON K1N6M4	EHS
Order No: 20170616143 Status: C Report Type: Standard Report Report Date: 23-JUN-17 Date Received: 16-JUN-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680339 Y: 45.427932					
56	1 of 1	WSW/197.0	72.9 / 0.92	Wincon Construction 1986 Ltd 265 Laurier Ave East Ottawa ON K1N 6P7	GEN
Generator No: ON9187474 SIC Code: 236210 SIC Description: INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 221 Waste Class Name: LIGHT FUELS					
57	1 of 1	SW/198.7	70.9 / -1.08	Greg Statler 55 Sweetland Ottawa ON K1N 7T7	GEN
Generator No: ON9098417 SIC Code: SIC Description: Approval Years: 02,03,04 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail(s)					
Waste Class:		221			
Waste Class Name:		LIGHT FUELS			
58	1 of 1	ESE/200.0	61.5 / -10.48	ULTRAMAR 332 OSGOOD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6T3	SPL
Ref No:	150645			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/22/1997			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	CONTAINER OVERFLOW			Sector Type:	
Incident Event:				Agency Involved:	WORKS
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	NOT ANTICIPATED			Site Municipality:	OTTAWA CITY
Nature of Impact:	Other			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:	12/22/1997			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ERROR			Source Type:	
Site Name:					
Site County/District:					
Municipality No:	20101				
Site Geo Ref Meth:					
Incident Summary:	ULTRAMAR: 5 L OF FURNACE OIL TO PAVEMENT DURING FILL-UP,CONTAINED,CLEANED				
Contaminant Qty:					
59	1 of 1	W/204.0	72.9 / 0.92	325 FRIEL ST ON	WWIS
Well ID:	7296576			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:	Monitoring			Data Src:	
Final Well Status:	Monitoring and Test Hole			Date Received:	05-Oct-2017 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z206451			Contractor:	7241
Tag:	A182833			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	OTTAWA CITY				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7296576.pdf				

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

Well Completed Date: 2017/09/07
 Year Completed: 2017
 Depth (m): 7.62
 Latitude: 45.4279304803129
 Longitude: -75.6804353725508
 Path: 729\7296576.pdf

Bore Hole Information

Bore Hole ID:	1006758613	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446772.00
Code OB Desc:		North83:	5030715.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07-Sep-2017 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1006952698
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Mat2 Desc:
 Mat3: 85
 Mat3 Desc: SOFT
 Formation Top Depth: 0.0
 Formation End Depth: 0.3100000023841858
 Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1006952699
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Mat2 Desc: SILT
 Mat3: 85
 Mat3 Desc: SOFT
 Formation Top Depth: 0.3100000023841858
 Formation End Depth: 5.489999771118164
 Formation End Depth UOM: m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006952700			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		5.489999771118164			
Formation End Depth:		7.619999885559082			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006952709			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		4.269999980926514			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006952710			
Layer:		3			
Plug From:		4.269999980926514			
Plug To:		7.619999885559082			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006952708			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006952707			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006952697			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing ID: 1006952703
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 4.570000171661377
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1006952704
Layer: 1
Slot: 10
Screen Top Depth: 4.570000171661377
Screen End Depth: 7.619999885559082
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.820000171661377

Water Details

Water ID: 1006952702
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006952701
Diameter: 8.25
Depth From: 0.0
Depth To: 7.619999885559082
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID: 1006758613	Tag No: A182833
Depth M: 7.62	Contractor: 7241
Year Completed: 2017	Path: 729\7296576.pdf
Well Completed Dt: 2017/09/07	Latitude: 45.4279304803129
Audit No: Z206451	Longitude: -75.6804353725508

60	1 of 1	NW/205.8	72.9 / 0.92	OTTAWA CITY - KING EDWARD AVENUE STEWART ST./CHAPEL ST. OTTAWA CITY ON	CA
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Certificate #: 3-0429-91-
Application Year: 91
Issue Date: 4/29/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Project Description:
Contaminants:
Emission Control:

61	1 of 1	NW/211.0	72.9 / 0.92	3312 CR #43 Smiths Falls ON	WWIS
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Well ID:	7107564	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Monitoring	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Test Hole	Date Received:	07-Jul-2008 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	M03128	Contractor:	6964
Tag:	A064922	Form Version:	5
Constructn Method:		Owner:	
Elevation (m):		County:	LANARK
Elevatn Reliabilty:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NORTH ELSMSLEY TOWNSHIP		
Site Info:			
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/710\7107564.pdf		

Additional Detail(s) (Map)

Well Completed Date:	2008/06/05
Year Completed:	2008
Depth (m):	6.3
Latitude:	45.429190997344
Longitude:	-75.6788653393145
Path:	710\7107564.pdf

Bore Hole Information

Bore Hole ID:	1001638391	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446896.00
Code OB Desc:		North83:	5030854.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	05-Jun-2008 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1002667379			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		0.699999988079071			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002667380			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.699999988079071			
Formation End Depth:		1.7999999523162842			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002667382			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		26			
Mat2 Desc:		ROCK			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.700000047683716			
Formation End Depth:		6.300000190734863			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002667381			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		1.7999999523162842			
Formation End Depth:		2.700000047683716			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002667385				
Layer:	1				
Plug From:	0.0				
Plug To:	3.0999999046325684				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002667386				
Layer:	2				
Plug From:	3.0999999046325684				
Plug To:	6.300000190734863				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002667390				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1002667377				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002667387				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0.0				
Depth To:	3.299999952316284				
Casing Diameter:	3.5				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1002667388				
Layer:	1				
Slot:	10				
Screen Top Depth:	3.299999952316284				
Screen End Depth:	6.300000190734863				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.099999904632568				
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pumping Test Method Desc:

Pump Test ID: 1002667378
Pump Set At:
Static Level: 3.5
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM:
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002667383
Diameter: 7.599999904632568
Depth From: 0.0
Depth To: 2.700000047683716
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002667384
Diameter: 5.699999809265137
Depth From: 2.700000047683716
Depth To: 6.300000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID:	1001638391	Tag No:	A064922
Depth M:	6.3	Contractor:	6964
Year Completed:	2008	Path:	710\7107564.pdf
Well Completed Dt:	2008/06/05	Latitude:	45.429190997344
Audit No:	M03128	Longitude:	-75.6788653393145

62	1 of 1	S/211.3	65.2 / -6.80	71 Russell Avenue Ottawa ON K1N 7X2	EHS
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Order No:	20180416021	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	RSC Report (Urban)	Client Prov/State:	ON
Report Date:	23-APR-18	Search Radius (km):	.3
Date Received:	16-APR-18	X:	-75.677154
Previous Site Name:		Y:	45.42515
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches		

63	1 of 1	E/215.4	61.9 / -10.08	ENVIRO MASTERS - OTTAWA 45 MARLBOROUGH AVENUE OTTAWA ON K1N8E6	PES
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Detail Licence No:				Operator Box:	
Licence No:	04467			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Operator			Oper Phone No:	2365359
Licence Type Code:	01			Operator Ext:	
Licence Class:	06			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					

64	1 of 1	NE/218.1	71.9 / -0.05	MicroAcoustic Instruments Inc. 460 Wilbrod St Unit 2 Ottawa ON K1N 6M8	SCT
Established:					
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Semiconductor and Other Electronic Component Manufacturing			
SIC/NAICS Code:		334410			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			

65	1 of 2	W/219.3	72.9 / 0.92	300 1/2 Wilbrod St Ottawa ON K1N6M1	EHS
Order No:	20140407005			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	10-APR-14			Search Radius (km):	.25
Date Received:	07-APR-14			X:	-75.680766
Previous Site Name:				Y:	45.427337
Lot/Building Size:					
Additional Info Ordered:					

65	2 of 2	W/219.3	72.9 / 0.92	300 ½ Wilbrod Street Ottawa ON K1N 6M1	EHS
Order No:	20190206038			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	11-FEB-19			Search Radius (km):	.25
Date Received:	06-FEB-19			X:	-75.680766
Previous Site Name:				Y:	45.427337
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	1 of 1	SSW/228.7	70.7 / -1.30	Enbridge Gas Distribution Inc. 63 Sweetland Avenue Ottawa ON	SPL
Ref No:	4517-8Y6RJM			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	15-SEP-12			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Unknown / N/A			Sector Type:	Pipeline/Components
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	63 Sweetland Avenue
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	Not MOE mandate			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	15-SEP-12			Site Map Datum:	
Dt Document Closed:	08-JAN-13			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	63 Sweetland Avenue<UNOFFICIAL>				
Site County/District:					
Municipality No:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: 1-1/4" Line Strike - made safe				
Contaminant Qty:	0 kg				
67	1 of 2	SSW/234.0	70.7 / -1.30	City of Ottawa Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	ECA
Approval No:	2328-5B9JEF			MOE District:	Ottawa
Approval Date:	2002-06-19			City:	
Status:	Approved			Longitude:	-75.6785
Record Type:	ECA			Latitude:	45.425000000000004
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Business Name:	City of Ottawa				
Address:	Blackburn Avenue, Chapel Street				
Full Address:					
Full PDF Link:					
PDF Site Location:					
67	2 of 2	SSW/234.0	70.7 / -1.30	City of Ottawa Blackburn Avenue, Chapel Street Ottawa ON K1V 6A6	ECA
Approval No:	0963-5B9HS6			MOE District:	Ottawa
Approval Date:	2002-06-19			City:	
Status:	Approved			Longitude:	-75.6785
Record Type:	ECA			Latitude:	45.425
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Business Name:		City of Ottawa			
Address:		Blackburn Avenue, Chapel Street			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2338-5B4PFF-14.pdf			
PDF Site Location:					

68	1 of 1	WNW/239.9	72.2 / 0.22	380 CUMBERLAND ST Ottawa ON	WWIS
Well ID:	7350809			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Monitoring and Test Hole			Date Received:	06-Jan-2020 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z324365			Contractor:	7241
Tag:	A282393			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/11/05
Year Completed:	2019
Depth (m):	3.3528
Latitude:	45.428650757829
Longitude:	-75.680405676292
Path:	

Bore Hole Information

Bore Hole ID:	1007856526	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446775.00
Code OB Desc:		North83:	5030795.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	05-Nov-2019 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1008231540			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		6.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008231538			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0.5			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008231537			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		0.0			
Formation End Depth:		0.5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1008231539			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		01			
Mat3 Desc:		FILL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		2.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008233677			
Layer:		2			
Plug From:		1.0			
Plug To:		5.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008233676			
Layer:		1			
Plug From:		0.0			
Plug To:		1.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008233678			
Layer:		3			
Plug From:		5.0			
Plug To:		11.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008236393			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1008228933			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008237247			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		6.0			
Casing Diameter:		1.0490000247955322			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1008238171			
Layer:		1			
Slot:		10			
Screen Top Depth:		6.0			
Screen End Depth:		11.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.315000057220459			

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008239383
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008235271
Diameter: 2.25
Depth From: 0.0
Depth To: 11.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Links

Bore Hole ID:	1007856526	Tag No:	A282393
Depth M:	3.3528	Contractor:	7241
Year Completed:	2019	Path:	
Well Completed Dt:	2019/11/05	Latitude:	45.428650757829
Audit No:	Z324365	Longitude:	-75.680405676292

69	1 of 1	W/240.7	72.0 / 0.07	Enbridge Gas Distribution Inc. 307 Wilbrod Street Ottawa ON	SPL
Ref No:	2782-BJ9Q4T	Discharger Report:			
Site No:	NA	Material Group:			
Incident Dt:	2019/11/25	Health/Env Conseq:	2 - Minor Environment		
Year:		Client Type:	Corporation		
Incident Cause:		Sector Type:	Miscellaneous Industrial		
Incident Event:	Collision/Accident	Agency Involved:			
Contaminant Code:	35	Nearest Watercourse:			
Contaminant Name:	NATURAL GAS (METHANE)	Site Address:	307 Wilbrod Street		
Contaminant Limit 1:		Site District Office:	Ottawa		
Contam Limit Freq 1:		Site Postal Code:			
Contaminant UN No 1:	1075	Site Region:	Eastern		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2019/11/25 Dt Document Closed:				Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components	
Incident Reason: Operator/Human Error Site Name: Residential<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: TSSA FSB: meter set natural gas line strike to atm., made safe Contaminant Qty: 0 other - see incident description				Source Type:	

<u>70</u>	1 of 2	SSE/246.2	61.1 / -10.88	368 Chapel St. Inc. 368 Chapel Street Ottawa, ON K2G 0G5 Canada ON	EBR
EBR Registry No: 013-5219 Ministry Ref No: 7178-BAWL8G Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: May 16, 2019 Year: 2019 Instrument Type: Environmental Compliance Approval (sewage) Off Instrument Name: Environmental Compliance Approval (sewage) (OWRA s.53) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 368 Chapel Street Ottawa, ON K2G 0G5 Canada Location Other: Proponent Name: 368 Chapel St. Inc. Proponent Address: 225 Hudson Avenue Ottawa, ON K2G 0G5 Canada Comment Period: May 16, 2019 - June 30, 2019 (45 days) Closed URL: https://ero.ontario.ca/notice/013-5219	Decision Posted: October 7, 2019 Exception Posted: Section: Part II.1 (20.3 or 20.5) Act 1: Environmental Protection Act, R.S.O. 1990 Act 2: Environmental Protection Act Site Location Map: 45.424966,-75.676261				
Site Location Details:					

<u>70</u>	2 of 2	SSE/246.2	61.1 / -10.88	368 Chapel St. Inc. 368 Chapel Street Ottawa ON K2G 0G5	ECA
Approval No: 2249-BG4NH7 Approval Date: 2019-09-24 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 368 Chapel St. Inc. Address: 368 Chapel Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7178-BAWL8G-14.pdf PDF Site Location:	MOE District: Ottawa City: Longitude: -75.67637 Latitude: 45.4249 Geometry X: Geometry Y:				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
71	1 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Road Allowance on Daly Avenue Ottawa ON K1P 1J1	ECA
<p>Approval No: 2925-5BWNRC Approval Date: 2002-07-19 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Business Name: City of Ottawa Address: Road Allowance on Daly Avenue Full Address: Full PDF Link: PDF Site Location:</p>					
71	2 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Ottawa ON K2G 6J8	ECA
<p>Approval No: 1053-6N5UEE Approval Date: 2006-03-27 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal Drinking Water Systems Project Type: Municipal Drinking Water Systems Business Name: City of Ottawa Address: Waller Street from 23 metres northwest of Daly Avenue to 19 metres northwest of Laurier Avenue East Full Address: Full PDF Link: PDF Site Location:</p>					
71	3 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	ECA
<p>Approval No: 1157-4Z5RNN Approval Date: 2001-07-31 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Business Name: City of Ottawa Address: Laurier Avenue East from Waller St to Nelson St Full Address: Full PDF Link: PDF Site Location:</p>					
71	4 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Road Allowance on Daly Avenue Ottawa ON K1P 1J1	ECA
<p>Approval No: 3704-5C7L7U MOE District: Ottawa</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Date:	2002-07-22			City:	
Status:	Approved			Longitude:	-75.6803
Record Type:	ECA			Latitude:	45.4289
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	City of Ottawa				
Address:	Road Allowance on Daly Avenue				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3085-5BVTKL-14.pdf				
PDF Site Location:					

71	5 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	ECA
Approval No:	7147-4Y6Q6B			MOE District:	Ottawa
Approval Date:	2001-07-31			City:	
Status:	Revoked and/or Replaced			Longitude:	-75.6803
Record Type:	ECA			Latitude:	45.4289
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Business Name:	City of Ottawa				
Address:	Laurier Avenue East from Waller St to Nelson St				
Full Address:					
Full PDF Link:					
PDF Site Location:					

71	6 of 6	WNW/251.5	71.8 / -0.13	City of Ottawa Laurier Avenue East from Waller St to Nelson St Ottawa ON K1P 1J1	ECA
Approval No:	7015-4Y6PUV			MOE District:	Ottawa
Approval Date:	2001-07-06			City:	
Status:	Approved			Longitude:	-75.6803
Record Type:	ECA			Latitude:	45.4289
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	City of Ottawa				
Address:	Laurier Avenue East from Waller St to Nelson St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2636-4Y6K8N-14.pdf				
PDF Site Location:					

72	1 of 1	W/256.3	71.9 / -0.09	301 Wilbrod St Ottawa ON K1N6M3	EHS
Order No:	20170328050			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	31-MAR-17			Search Radius (km):	.25
Date Received:	28-MAR-17			X:	-75.681224
Previous Site Name:				Y:	45.427566
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
73	1 of 1	WSW/258.2	72.9 / 0.94	Nelson Place Apartments Inc. 305 Nelson St Ottawa ON K2C 1V1	ECA
Approval No:	6360-79LKH7			MOE District: Ottawa	
Approval Date:	2007-12-05			City:	
Status:	Approved			Longitude: -75.68024	
Record Type:	ECA			Latitude: 45.42553	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Business Name:	Nelson Place Apartments Inc.				
Address:	305 Nelson St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6240-73WS3C-14.pdf				
PDF Site Location:					
74	1 of 2	NNW/259.1	72.9 / 0.94	PIPELINE HIT - 1/2" 320 DALY AVE,,OTTAWA,ON,K1N 6G7,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	1914662			Fuel Category:	
Incident Reported Dt:	8/2/2016			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	PIPELINE HIT - 1/2"				
Incident Address:	320 DALY AVE,,OTTAWA,ON,K1N 6G7,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
74	2 of 2	NNW/259.1	72.9 / 0.94	Enbridge Gas Distribution Inc. 320 Daly Ave. Ottawa ON	SPL
Ref No:	3472-ACDV69			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/07/31			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type: Miscellaneous Communal	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address: 320 Daly Ave.	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/07/31 Dt Document Closed: 2016/08/16				Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5030932 Easting: 446914 Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Incident Reason: Operator/Human Error Site Name: Half Inch Plastic Service Strike<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: TSSA/FSB: Enbridge - .5" PI line strike - Made safe Contaminant Qty: 0 other - see incident description				Source Type:	

[75](#) 1 of 1 W/259.2 72.2 / 0.22 **Albert Falsetto**
286 Wilbrod St.
Ottawa ON K1N 6M2 **GEN**

Generator No: ON7208066
SIC Code: 531111
SIC Description:
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

[76](#) 1 of 1 ESE/259.3 59.6 / -12.36 **ENBRIDGE GAS INC**
70 MARLBOROUGH AVE., OTTAWA, ON, K1N 8E9,
CA
ON **PINC**

Incident Id:
Incident No: 3069242
Incident Reported Dt: 6/30/2021
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 70 MARLBOROUGH AVE., OTTAWA, ON, K1N 8E9, CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc: Damage Reason: Notes:					
77	1 of 1	NW/262.7	72.2 / 0.22	290 Daly Ave Ottawa ON Ottawa ON K1N 6G5	EHS
Order No:	20190916020			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-SEP-19			Search Radius (km):	.25
Date Received:	16-SEP-19			X:	-75.679911
Previous Site Name:				Y:	45.429271
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
78	1 of 1	W/263.0	71.9 / -0.08	188 and 200 Stewart Street Ottawa ON K1N 6J9	EHS
Order No:	20070816016			Nearest Intersection:	Stewart ST, Friel St
Status:	C			Municipality:	
Report Type:	CAN - Complete Report			Client Prov/State:	
Report Date:	8/27/2007			Search Radius (km):	0.25
Date Received:	8/16/2007			X:	-75.681074
Previous Site Name:				Y:	45.427944
Lot/Building Size:	2 adjacent lots				
Additional Info Ordered:					
79	1 of 2	S/265.0	65.3 / -6.69	2478014 Ontario Limited 84 Russell Ave Ottawa ON K1W 0H9	ECA
Approval No:	7658-ATJPWQ			MOE District:	
Approval Date:	2017-11-30			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:	2478014 Ontario Limited				
Address:	84 Russell Ave				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7920-ANCSCR-14.pdf				
PDF Site Location:					
79	2 of 2	S/265.0	65.3 / -6.69	ENBRIDGE GAS INC 84 RUSSELL AVE,, OTTAWA, ON, K1N 7X1, CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	3082040			Fuel Category:	
Incident Reported Dt:	7/19/2021			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
		ENBRIDGE GAS INC 84 RUSSELL AVE., OTTAWA, ON, K1N 7X1, CA		PSIG: Attribute Category: Regulator Location: Method Details:	
80	1 of 1	NNE/266.8	71.9 / -0.08	231 Coburg Street Ottawa ON	EHS
Order No: 20170630013 Status: C Report Type: RSC Report (Urban) Report Date: 06-JUL-17 Date Received: 30-JUN-17 Previous Site Name: Lot/Building Size: 6534 ft2 Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .3 X: -75.675688 Y: 45.42987					
81	1 of 1	WSW/267.0	72.9 / 0.95	245 Laurier Ave E Ottawa ON K1N6P7	EHS
Order No: 20131202009 Status: C Report Type: Custom Report Report Date: 06-DEC-13 Date Received: 02-DEC-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.681054 Y: 45.426327					
82	1 of 1	SSW/269.0	66.9 / -5.08	65 Sweetland Ave Ottawa ON K1N7T9	EHS
Order No: 20170328051 Status: C Report Type: Standard Report Report Date: 31-MAR-17 Date Received: 28-MAR-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.67824 Y: 45.424638					
83	1 of 1	E/269.8	58.9 / -13.08	PIPELINE HIT - 3/4" 3250 OSGOODE STREET,, OTTAWA, ON,, CA ON	PINC
Incident Id: Incident No: 1291852 Incident Reported Dt: 11/28/2013					
Pipe Material: Fuel Category: Health Impact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:	FS-Pipeline Incident Pipeline Damage Reason Est			Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: PIPELINE HIT - 3/4" 3250 OSGOODE STREET,,OTTAWA,ON,,CA	

84	1 of 1	SW/274.3	71.9 / -0.08	359 NELSON STREET, OTTAWA ON	INC
Incident No: Incident ID: Instance No: Status Code: Attribute Category: Context: Date of Occurrence: Time of Occurrence: Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: Approx Quant Rel: Tank Capacity: Fuels Occur Type: Fuel Type Involved: Enforcement Policy: Prc Escalation Req: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: Occurrence Narrative: Operation Type Involved: Item: Item Description: Device Installed Location:	1019064 FS-Perform L1 Incident Insp 2013/01/26 00:00:00 20:00:00 2013/01/27 00:00:00 Vapour Release Propane NULL NULL 359 NELSON STREET, OTTAWA - VAPOUR RELEASE Gas leak was very minor but ver noticeable due to low propane level in cylinder. Multi-unit Residential	Any Health Impact: Any Enviro Impact: Service Interrupted: Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:	No No Yes No		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
85	1 of 1	SW/280.3	71.9 / -0.08	Tina Martins-Campagna 355-361 Nelson St Ottawa ON	ECA
Approval No: 4154-B97NZG Approval Date: 2019-02-15 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Tina Martins-Campagna Address: 355-361 Nelson St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5687-B3QL82-14.pdf PDF Site Location:				MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
86	1 of 2	WSW/286.4	72.2 / 0.22	R.M. OF OTTAWA-CARLETON LAURIER AVE/NELSON ST. OTTAWA CITY ON	CA
Certificate #: 7-0603-97- Application Year: 97 Issue Date: 7/8/1997 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
86	2 of 2	WSW/286.4	72.2 / 0.22	OTTAWA CITY LAURIER AVE.E/NELSON ST. OTTAWA CITY ON	CA
Certificate #: 3-0788-97- Application Year: 97 Issue Date: 7/8/1997 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
87	1 of 1	NNE/289.3	71.9 / -0.08	OTTAWA CITY COBOURG ST./STEWART ST. OTTAWA CITY ON	CA
Certificate #: 3-0500-95- Application Year: 95 Issue Date: 5/17/1995					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		Municipal sewage Approved			
88	1 of 1	NNW/290.4	72.9 / 0.97	R.M. OF OTTAWA-CARLETON DALY AVE./AUGUSTA ST. OTTAWA CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		7-0508-90-90 4/20/1990 Municipal water Approved			
89	1 of 2	NW/292.5	71.8 / -0.14	309/311 Daly Ave Ottawa ON K1N 6G6	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20010322009 C Complete Report 3/29/01 3/22/01 see map		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	Chapel St. Ottawa ON K1N 6G6 ON 0.25 -75.679617 45.429808
89	2 of 2	NW/292.5	71.8 / -0.14	309 Daly Ave Ottawa ON K1N6G6	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20130807004 C Standard Report 15-AUG-13 07-AUG-13		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON Ottawa ON K1N6G6 ON .25 -75.679618 45.429874
90	1 of 1	NNE/293.1	71.9 / -0.08	ON	BORE
Borehole ID: OGF ID: Status:		613578 215514825		Inclin FLG: SP Status: Surv Elev:	No Initial Entry No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.430183
Total Depth m:	-999			Longitude DD:	-75.675877
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	447131
Drill Method:				Northing:	5030962
Orig Ground Elev m:	69.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	70.5				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218395680			Mat Consistency:	Dense
Top Depth:	2.4			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. DENSE. SAND. DENSE. UNSPECIFIED. VERY LOOSE. TILL. DENSE TO VERY DENSE. TILL. D **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218395679			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	2.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Idem:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 060860 NTS_Sheet: 31G05G				
Confiden 1:	Logs are approximately correct. Lack of information. Doubtful terminology.				
<u>Source List</u>					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	1 of 2	SSW/295.2	70.3 / -1.69	146 through 170 Osgoode Street Ottawa ON K1N 6S6	EHS
Order No:	20070723006			Nearest Intersection: Nelson Street	
Status:	C			Municipality:	
Report Type:	CAN - Waste Disposal Site Report			Client Prov/State:	
Report Date:	7/24/2007			Search Radius (km): 0.5	
Date Received:	7/23/2007			X: -75.679118	
Previous Site Name:				Y: 45.424557	
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans; Title Search; City Directory				
91	2 of 2	SSW/295.2	70.3 / -1.69	146 - 170 Osgoode Street Ottawa ON K1N 6S6	EHS
Order No:	20110610026			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State: ON	
Report Date:	6/17/2011			Search Radius (km): 0.25	
Date Received:	6/10/2011 3:06:57 PM			X: -75.679171	
Previous Site Name:				Y: 45.424582	
Lot/Building Size:					
Additional Info Ordered:					
92	1 of 1	E/295.7	58.0 / -14.00	32 RANGE ROAD OTTAWA ON	HINC
External File Num:	FS INC 0811-07112				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	11/3/2008				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - No Action Required				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	No				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:					
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:					
93	1 of 1	NNW/299.5	72.4 / 0.46	ENBRIDGE CONSUMERS GAS INC. GAS MAIN @ 323 DALY ROAD NATURAL GAS PIPELINE OTTAWA CITY ON K1N 6G6	SPL
Ref No:	242048			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	10/10/2002			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	PIPE/HOSE LEAK			Sector Type:	
Incident Event:				Agency Involved: TSSA-FSB	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Air Pollution Receiving Medium: AIR Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/10/2002 Dt Document Closed: Incident Reason: DAMAGE BY MOVING EQUIPMENT Site Name: Site County/District: Municipality No: 20107 Site Geo Ref Meth: Incident Summary: ENBRIDGE: BREAK IN THE 50MM(2 INCH) MAIN, ENBRIDGE RESPONDED AND SHUT OFF. Contaminant Qty:				Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: OTTAWA CITY Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	

94	1 of 1	NNW/299.5	72.9 / 0.97	PIPELINE HIT - 1/2" 325 DALY AVENUE,,OTTAWA,ON,K1N 6G6,CA ON	PINC
Incident Id: Incident No: 1395122 Incident Reported Dt: 5/14/2014 Type: FS-Pipeline Incident Status Code: Tank Status: Non Mandated Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT - 1/2" Incident Address: 325 DALY AVENUE,,OTTAWA,ON,K1N 6G6,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:				Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:	

95	1 of 4	NE/299.5	71.9 / -0.08	PETRO-CANADA 476 WILBROD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6M8	SPL
Ref No: 17271 Site No: Incident Dt: 4/17/1989 Year: Incident Cause: VALVE/FITTING LEAK OR FAILURE Incident Event: Contaminant Code: Contaminant Name:				Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: NOT ANTICIPATED Nature of Impact: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 4/17/1989 Dt Document Closed: Incident Reason: EQUIPMENT FAILURE Site Name: Site County/District: Municipality No: 20101 Site Geo Ref Meth: Incident Summary: PETROCANADA FUEL OIL TO SIDEWALK. Contaminant Qty:				Site District Office: Site Postal Code: Site Region: Site Municipality: OTTAWA CITY Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	
95	2 of 4	NE/299.5	71.9 / -0.08	476 Wilbrod Street Ottawa ON K1N 6M8	EHS
Order No: 22032300031 Status: C Report Type: Standard Report Report Date: 28-MAR-22 Date Received: 23-MAR-22 Previous Site Name: Lot/Building Size: 0.09 hectares Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.6746533 Y: 45.4297821	
95	3 of 4	NE/299.5	71.9 / -0.08	476 Wilbrod Street Ottawa ON K1N 6M8	EHS
Order No: 22032300031 Status: C Report Type: Standard Report Report Date: 28-MAR-22 Date Received: 23-MAR-22 Previous Site Name: Lot/Building Size: 0.09 hectares Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.6746533 Y: 45.4297821	
95	4 of 4	NE/299.5	71.9 / -0.08	476 Wilbrod Street Ottawa ON K1N 6M8	EHS
Order No: 22032300031 Status: C Report Type: Standard Report Report Date: 28-MAR-22 Date Received: 23-MAR-22 Previous Site Name: Lot/Building Size: 0.09 hectares Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				Nearest Intersection: Municipality: Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.6746533 Y: 45.4297821	
96	1 of 1	WSW/299.6	71.9 / -0.08	296 NELSON STREET, OTTAWA ON	INC
Incident No: 1777452				Any Health Impact: No	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident ID: Instance No: Status Code: Attribute Category: FS-Perform L1 Incident Insp Context: Date of Occurrence: 2015/12/29 00:00:00 Time of Occurrence: NULL Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: 2015/12/29 00:00:00 Approx Quant Rel: Tank Capacity: Fuels Occur Type: CO Release Fuel Type Involved: Natural Gas Enforcement Policy: NULL Prc Escalation Req: NULL Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: 5987792 Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: 296 NELSON STREET, OTTAWA - CO RELEASE Occurence Narrative: co release, failed boiler Operation Type Involved: Commercial (e.g. restaurant, business unit, etc) Item: Item Description: Device Installed Location:				Any Enviro Impact: No Service Interrupted: Yes Was Prop Damaged: No Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:	

97	1 of 1	WSW/299.9	72.2 / 0.22	238 Laurier Ave E Ottawa ON K1N6P2	EHS
Order No: 20150105038 Status: C Report Type: Standard Report Report Date: 09-JAN-15 Date Received: 05-JAN-15 Previous Site Name: Lot/Building Size: 3484 ft2 Additional Info Ordered: Topographic Maps; City Directory; Aerial Photos				Nearest Intersection: Municipality: City of Ottawa Client Prov/State: ON Search Radius (km): .25 X: -75.681194 Y: 45.425825	

Unplottable Summary

Total: **47** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OTTAWA CITY	NELSON STREET	OTTAWA CITY ON	
CA	CITY OF OTTAWA NON-PROFIT HSG. CORP.	CHAPEL ST./STM-WATER MGT.	OTTAWA CITY ON	
CA	OTTAWA CITY	BLACKBURN AVE.	OTTAWA CITY ON	
CA	OTTAWA CITY (I. BHATIA)	RUSSELL AVE.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON NELSON ST.	NELSON ST.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	CUMMINGS BRIDGE, LOT C/CON.D	OTTAWA CITY ON	
CA	OTTAWA CITY	STEWART ST./WILBROD ST.	OTTAWA CITY ON	
CA	REG.MUN.OF OTTAWA-CARLETON	SWEETLAND AVE.	OTTAWA ON	
CA	CITY	GOULBURN AVE.	OTTAWA ON	
CA	CITY	SWEETLAND AVE.	OTTAWA ON	
CA	CITY	FRIEL ST.	OTTAWA ON	
CA		Laurier Avenue Bridge	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA		Road Allowance on Daly Avenue	Ottawa ON	
CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	

CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	
CA	Chapel / Blackburn	Blackburn Avenue - Chapel Street	Ottawa ON	
CA		Laurier Avenue E. Waller Street to Nelson Street	City of Ottawa ON	
CA	City of Ottawa	Bank St from Laurier Avenue to Somerest Street	Ottawa ON	
CA	Claridge Homes (Church St.) Inc.		Ottawa ON	
CA	OTTAWA CITY	CHAPEL STREET	OTTAWA CITY ON	
CA	OTTAWA CITY NELSON AND WILBROD ST.	NELSON ST.	OTTAWA CITY ON	
ECA	City of Ottawa	Stewart Street (east of King Street and west of Friel Street)	Ottawa ON	K1P 1J1
ECA	Ultramar Ltd.	Part 1, Reference Plan 4R-23561	Ottawa ON	H3A 3L3
ECA	City of Ottawa	Mann Avenue, Range Road, Templeton Street and Russell Avenue	Ottawa ON	K2G 6J8
ECA	The Corporation of the Separated Town of Smiths Falls	Beckwith St (Between Russell Street and Chambers Street)	Smiths Falls ON	K7A 2B8
ECA	City of Ottawa	Bank St from Laurier Avenue to Somerest Street	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Bank St from Laurier Avenue to Somerest Street	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Laurier Avenue Bridge	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Ring Lane from Wilbrod Street to Laurier Avenue	Ottawa ON	K2G 6J8
GEN	TNC 340 Laurier Ltd	340 Laurier	Ottawa ON	
GEN	Epic Realty Partners	340 Laurier Ave.	Ottawa ON	
GEN	O.D.S MARINE	LAURIER AVE AND RIDEAU CANAL	OTTAWA ON	K4P 1A2
GEN	CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO	OTTAWA	OTTAWA ON	K1K 1L8
NATE	ULTRAMAR		OTTAWA ON	
NEES	ULTRAMAR		OTTAWA ON	
PINC	PIPELINE HIT - 1/2"	DES SOLDATES ST.,OTTAWA,ON,,CA	ON	
PTTW	2122063 Ontario Inc.	Lot: 18, Concession: 3, Russell, Township, United Counties of Prescott and Russell CITY OF	ON	

		OTTAWA	
RST	ULTRAMAR LTÉE	OTTAWA	OTTAWA ON
SPL	OC Transpo<UNOFFICIAL>	Wilbrod / Queen St	Ottawa ON
SPL	OTTAWA HYDRO	MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	OTTAWA HYDRO	MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	ONTARIO HYDRO	RUSSELL ROAD RIVERDALE JUNCTION TRANSFORMER STN TRANSFORMER	OTTAWA CITY ON
SPL		Blackburn	Ottawa ON
SPL	TRANSPORT TRUCK	RUSSELL ROAD AT HAWTHORN MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON

Unplottable Report

Site: OTTAWA CITY
NELSON STREET OTTAWA CITY ON

Database:
CA

Certificate #: 3-1856-89-
Application Year: 89
Issue Date: 9/15/1989
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 NON-PROFIT HSG. CORP.
CHAPEL ST./STM-WATER MGT. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1738-91-
Application Year: 91
Issue Date: 11/18/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
BLACKBURN AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0787-87-
Application Year: 87
Issue Date: 5/28/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY (I. BHATIA)
RUSSELL AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1218-86-

Application Year: 86
Issue Date: 8/22/1986
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 NELSON ST.
NELSON ST. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0764-88-
Application Year: 88
Issue Date: 6/14/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
CUMMINGS BRIDGE, LOT C/CON.D OTTAWA CITY ON

Database:
CA

Certificate #: 3-0350-96-
Application Year: 96
Issue Date: 6/20/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
STEWART ST./WILBROD ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0075-99-
Application Year: 99
Issue Date: 2/15/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: REG.MUN.OF OTTAWA-CARLETON
SWEETLAND AVE. OTTAWA ON

Database:
CA

Certificate #: 7-0138-85-006
Application Year: 85
Issue Date: 3/15/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
GOULBURN AVE. OTTAWA ON

Database:
CA

Certificate #: 3-0164-85-006
Application Year: 85
Issue Date: 3/13/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
SWEETLAND AVE. OTTAWA ON

Database:
CA

Certificate #: 3-0390-85-006
Application Year: 85
Issue Date: 5/15/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
FRIEL ST. OTTAWA ON

Database:
CA

Certificate #: 3-0497-85-006
Application Year: 85
Issue Date: 5/27/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Laurier Avenue Bridge Ottawa ON

Database:
CA

Certificate #: 9814-563QFZ
Application Year: 02
Issue Date: 1/7/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Storm sewers to be constructed on Laurier Avenue, Queen Elizabeth Driveway, Colonel By Drive and Nicholas Street
Contaminants:
Emission Control:

Site: Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database:
CA

Certificate #: 7015-4Y6PUV
Application Year: 01
Issue Date: 7/6/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: Rehabilitation of Storm and Sanitary sewers and sewer service connections on Laurier Avenue East from Waller Street to Nelson Street
Contaminants:
Emission Control:

Site: Road Allowance on Daly Avenue Ottawa ON

Database:
CA

Certificate #: 3704-5C7L7U
Application Year: 02
Issue Date: 7/22/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of sanitary sewers, storm sewers and appurtenances on Daly Avenue.
Contaminants:
Emission Control:

Site: Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database:
CA

Certificate #: 7147-4Y6Q6B

Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private water
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: watermains and appurtenances on Laurier Avenue from Waller Street to Nelson Street
Contaminants:
Emission Control:

Site: *Road Allowance on Daly Avenue Ottawa ON*

Database:
[CA](#)

Certificate #: 2925-5BWNRC
Application Year: 02
Issue Date: 7/19/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of watermains and appurtenances on Daly Avenue and Cumberland Avenue.
Contaminants:
Emission Control:

Site: *Chapel / Blackburn
Blackburn Avenue - Chapel Street Ottawa ON*

Database:
[CA](#)

Certificate #: 0963-5B9HS6
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of storm and sanitary sewers on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site: *Chapel / Blackburn
Blackburn Avenue - Chapel Street Ottawa ON*

Database:
[CA](#)

Certificate #:
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private water
Status: Cancelled
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of watermains on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site: Chapel / Blackburn
Blackburn Avenue - Chapel Street Ottawa ON

Database:
CA

Certificate #: 2328-5B9JEF
Application Year: 02
Issue Date: 6/19/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 1495 Heron Road
Client City: Ottawa
Client Postal Code: K1V 6A6
Project Description: Approval is sought for the construction of watermains on Chapel Street and Blackburn Avenue.
Contaminants:
Emission Control:

Site: Laurier Avenue E. Waller Street to Nelson Street City of Ottawa ON

Database:
CA

Certificate #: 1157-4Z5RNN
Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA
Client Name: Corporation of the City of Ottawa
Client Address: 110 Laurier Avenue West, Fourth Floor
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Notice of changes to existing Certificate of Approval # 6268-4Y6L9N
Contaminants:
Emission Control:

Site: City of Ottawa
Bank St from Laurier Avenue to Somerest Street Ottawa ON

Database:
CA

Certificate #: 4804-7DGNT6
Application Year: 2008
Issue Date: 4/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Claridge Homes (Church St.) Inc.
Ottawa ON

Database:
CA

Certificate #: 7739-5NWLL5
Application Year: 2003
Issue Date: 6/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY
CHAPEL STREET OTTAWA CITY ON

Database:
CA

Certificate #: 3-0875-89-
Application Year: 89
Issue Date: 5/26/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY NELSON AND WILBROD ST.
NELSON ST. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0886-88-
Application Year: 88
Issue Date: 6/17/1988
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
Stewart Street (east of King Street and west of Friel Street) Ottawa ON K1P 1J1

Database:
ECA

Approval No: 1382-AHNUJG
Approval Date: 2017-02-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Stewart Street (east of King Street and west of Friel Street)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6866-ADAS6E-14.pdf>
PDF Site Location:

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

Site: Ultramar Ltd.
Part 1, Reference Plan 4R-23561 Ottawa ON H3A 3L3

Database:
ECA

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

MOE District:
City:

Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Ultramar Ltd.
Address: Part 1, Reference Plan 4R-23561
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2244-8RJQ9S-14.pdf>
PDF Site Location:

Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **City of Ottawa**
Mann Avenue, Range Road, Templeton Street and Russell Avenue Ottawa ON K2G 6J8

Database:
ECA

Approval No: 6142-BCETFS
Approval Date: 2019-05-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Mann Avenue, Range Road, Templeton Street and Russell Avenue
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1432-BBYN6A-14.pdf>
PDF Site Location:

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

Site: **The Corporation of the Separated Town of Smiths Falls**
Beckwith St (Between Russell Street and Chambers Street) Smiths Falls ON K7A 2B8

Database:
ECA

Approval No: 8386-B3WRKW
Approval Date: 2018-08-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the Separated Town of Smiths Falls
Address: Beckwith St (Between Russell Street and Chambers Street)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0274-B2JJAA-14.pdf>
PDF Site Location:

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

Site: **City of Ottawa**
Bank St from Laurier Avenue to Somerest Street Ottawa ON K1P 1J1

Database:
ECA

Approval No: 8654-7DGNMN
Approval Date: 2008-04-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: City of Ottawa
Address: Bank St from Laurier Avenue to Somerest Street
Full Address:
Full PDF Link:
PDF Site Location:

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

Site: *City of Ottawa*
Bank St from Laurier Avenue to Somerest Street Ottawa ON K1P 1J1

Database:
ECA

Approval No: 4804-7DGNT6
Approval Date: 2008-04-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Bank St from Laurier Avenue to Somerest Street
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2768-7DDL4E-14.pdf>
PDF Site Location:

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

Site: *City of Ottawa*
Laurier Avenue Bridge Ottawa ON K1P 1J1

Database:
ECA

Approval No: 9814-563QFZ
Approval Date: 2002-01-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Laurier Avenue Bridge
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5140-55ZNGX-14.pdf>
PDF Site Location:

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

Site: *City of Ottawa*
Ring Lane from Wilbrod Street to Laurier Avenue Ottawa ON K2G 6J8

Database:
ECA

Approval No: 6964-82KMGC
Approval Date: 2010-02-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Ring Lane from Wilbrod Street to Laurier Avenue
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3390-82GJX6-14.pdf>
PDF Site Location:

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

Site: *TNC 340 Laurier Ltd*
340 Laurier Ottawa ON

Database:
GEN

Generator No: ON2961230
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:

Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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

Waste Class: 135
Waste Class Name: REACTIVE ANION WASTES

Waste Class: 211
Waste Class Name: AROMATIC SOLVENTS

Site: Epic Realty Partners
340 Laurier Ave. Ottawa ON

Database:
GEN

Generator No: ON6191200
SIC Code: 521310
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

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

Site: O.D.S MARINE
LAURIER AVE AND RIDEAU CANAL OTTAWA ON K4P 1A2

Database:
GEN

Generator No: ON7795671
SIC Code:
SIC Description:
Approval Years: 02,03,04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 222
Waste Class Name: HEAVY FUELS

Site: CONSEIL DES ECOLES PUBLIQUES DE L'EST DE L'ONTARIO
OTTAWA OTTAWA ON K1K 1L8

Database:
GEN

Generator No: ON1477723
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Approval Years: 04
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Site: ULTRAMAR
OTTAWA ON

Database:
NATE

File No.: 446220
Reported By: Province
Material Reaction:
Spill Date: 871020
Lead Agency:
Basin: St. Lawrence River Drainage
Air:
DOE on Scene:
Land: Y
Fresh Water:
Ground Water:
Salt Water:
Other Environment:
Waterbody:
Cause: Overflow
Reason: Unknown
Source: Other Industrial Plant
Sector: General Manufacturing
Ship No.:
Ship Name:
Clean Up By: polluter
Disposal Method: other
Recovery %: 80.00
Act Invoked: None
Enforcement Resp:
Fish Kill: N
Oiled Birds: N
Other Kill: N
Vegetation Damage: N
Property Damage: N
Drinking Water: N
Income Loss: N
Other Consequences: N
No. of Injuries:
No. of Evacuations:
Fine: 0.00
No. of Dead:
Cleanup Cost: 0.00
Material: fuel oil no. 2
Amount (ton): 0.19
Volume (L): 0.00
Concentration: 0.00
Phase:
Additional Info:

Site: ULTRAMAR

Database:

Incident Date: 10/20/87
Contaminant: fuel oil no. 2
Amount: 0.19
Units: Tonnes (Metric)
Quantity:
Cause: Overflow
Source: Other Industrial Plant
Reason: Unknown
Sector: General Manufacturing

Site: PIPELINE HIT - 1/2"
 DES SOLDATES ST.,OTTAWA,ON,,CA ON

Database:
 PINC

<p> Incident Id: Incident No: 1923654 Incident Reported Dt: 8/16/2016 Type: FS-Pipeline Incident Status Code: Tank Status: Non Mandated Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT - 1/2" Incident Address: DES SOLDATES ST.,OTTAWA,ON,,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: </p>	<p> Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: </p>
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Site: 2122063 Ontario Inc.
 Lot: 18, Concession: 3, Russell, Township, United Counties of Prescott and Russell CITY OF OTTAWA ON

Database:
 PTTW

<p> EBR Registry No: 010-6138 Ministry Ref No: 7421-7Q2MTP Notice Type: Instrument Decision Notice Stage: Notice Date: June 08, 2009 Proposal Date: March 13, 2009 Year: 2009 Instrument Type: (OWRA s. 34) - Permit to Take Water Off Instrument Name: Posted By: Company Name: 2122063 Ontario Inc. Site Address: Location Other: Proponent Name: Proponent Address: 3187 Albion Road South, Ottawa Ontario, Canada K1V 8Y3 Comment Period: URL: </p>	<p> Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map: </p>
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Site Location Details:

Lot: 18, Concession: 3, Russell, Township, United Counties of Prescott and Russell CITY OF OTTAWA

Site: ULTRAMAR LTÉE
OTTAWA OTTAWA ON

Database:
RST

Headcode: 924800
Headcode Desc: Oils-Fuel
Phone: 6137275200
List Name:
Description:

Site: OC Transpo<UNOFFICIAL>
Wilbrod / Queen St Ottawa ON

Database:
SPL

Ref No:	8005-6B7TRT	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	4/6/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Other Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Possible	Site Municipality:	Ottawa
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/6/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills
Incident Reason:	Unknown - Reason not determined	Source Type:	
Site Name:	Mackenzie King Bridge<UNOFFICIAL>		
Site County/District:			
Municipality No:			
Site Geo Ref Meth:			
Incident Summary:	OC Transpo - 4L Motor Oil to bridge		
Contaminant Qty:			

Site: OTTAWA HYDRO
MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No:	48830	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/9/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	OTTAWA CITY
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/9/1991	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE	Source Type:	
Site Name:			
Site County/District:			

Municipality No: 20101
Site Geo Ref Meth:
Incident Summary: OTTAWA HYDRO-2 LITRES OF HYDRAULIC FLUID TO ROAD CONTAINED & CLEANED-UP
Contaminant Qty:

Site: OTTAWA HYDRO
MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 46544
Site No:
Incident Dt: 2/11/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/11/1991
Dt Document Closed:
Incident Reason: CORROSION
Site Name:
Site County/District:
Municipality No: 20101
Site Geo Ref Meth:
Incident Summary: HYDRO: 4L HYDRAULIC OIL LEAK FROM TRUCK TO GROUNDSOME LEAKED TO SEWER
Contaminant Qty:

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

Site: ONTARIO HYDRO
RUSSELL ROAD RIVERDALE JUNCTION TRANSFORMER STN TRANSFORMER OTTAWA CITY ON

Database:
SPL

Ref No: 40706
Site No:
Incident Dt: 9/13/1990
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/13/1990
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Municipality No: 20101
Site Geo Ref Meth:
Incident Summary: ONTARIO HYDRO - 100 LTR OF HYDRAULIC OIL TO THE GROUND.
Contaminant Qty:

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

Site: Blackburn Ottawa ON

Database:
SPL

Ref No: 3683-BCDTQ4
Site No: NA
Incident Dt: 5/20/2019
Year:
Incident Cause:
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/21/2019
Dt Document Closed:

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address: Blackburn
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Pollution Incident Reports (PIRs) and "Other" calls

Incident Reason:
Site Name: 42 Oakhurst Cres<UNOFFICIAL>
Site County/District:
Municipality No:
Site Geo Ref Meth:
Incident Summary: TIPS autobody shop storing oil improperly in residential neighbourhood
Contaminant Qty:

Site: TRANSPORT TRUCK
RUSSELL ROAD AT HAWTHORN MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 14354
Site No:
Incident Dt: 1/31/1989
Year:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/31/1989
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Municipality No: 20101
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

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

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 Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of 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 Oct 2022

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-Mar 2022

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-May 31, 2022

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 2020

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: Feb 28, 2022

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-May 31, 2022

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 -Sep 2022

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 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jan 31, 2023

Drill Hole Database:

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Oct 2022

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: Feb 28, 2022

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- Jan 31, 2023

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 - Jan 31, 2023

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- Jan 31, 2023

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-Dec 31, 2022

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

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: Feb 28, 2022

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-Dec 2022

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: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt 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 is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2022

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, 2021

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-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

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-Nov 30, 2022

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2021

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Jan 31, 2023

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- Jan 31, 2023

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: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Jan 31, 2023

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, 1992-2019

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-Jan 2023

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-May 31, 2022

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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 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: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011- Jan 31, 2023

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: Jun 30 2022

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 V



**Ministry of the Environment,
Conservation and Parks**

Corporate Management Division

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

Division de la gestion ministérielle

March 14, 2023

Sara Sutherland
Terrapex Environmental Ltd.

Dear Sara Sutherland
RE: Request #: EPI-2023-2000002136
Requestor provided Client Reference: CO923.00
Site address: 315 - 317 Chapel Street (Odd), Ottawa

This letter confirms that, after conducting a thorough search of its source system applications, the ministry has identified potential records related to your property request. Our search indicates that the ministry may hold the following records:

- Drinking Water System¹
- Correspondence, Abatement, Occurrence reports
- Inspections

If you would like to submit a Freedom of Information (FOI) request to the ministry, please return to the table on the Requests tab of the EPI application and select "Submit FOI" under the Actions column in the row identified by EPI-2023-2000002136.

If you have any questions regarding the matter, please contact the ministry at eproperty@ontario.ca.

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.

¹ In addition to the core reports (e.g Environmental Compliance Approval), there may be extensive supporting documentation associated with this record type. When transferring your request over to FOI, we encourage you to refine the scope of your request to only the supporting documentation required for your purposes, as the inclusion of this additional documentation can add significant processing time.

Le 14 mars 2023

Sara Sutherland
Terrapex Environmental Ltd.

Madame,
Monsieur, Sara Sutherland
Objet : No de demande : EPI-2023-2000002136
Le demandeur a fourni une référence client: CO923.00
Adresse du site: 315 - 317 Chapel Street (Impair), Ottawa

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ses applications de système source, le ministère a circonscrit des dossiers potentiels reliés à votre demande concernant des biens immobiliers. Notre recherche indique que les dossiers suivants peuvent être en possession du ministère:

- Drinking Water System¹
- Correspondence, Abatement, Occurrence reports
- Inspections

Si vous souhaitez soumettre une demande de liberté d'information (FOI) au ministère, veuillez retourner au tableau de l'onglet Requêtes de l'application EPI et sélectionner "Soumettre FOI" dans la colonne Actions de la ligne identifiée par EPI-2023-2000002136.

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante : eproperty@ontario.ca.

Veuillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements



fournis sont à jour, exacts, complets et exempts d'erreurs. L'utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

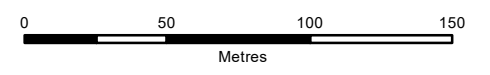
¹ En plus des rapports de base (par exemple, l'approbation de conformité environnementale), il peut y avoir de nombreux documents justificatifs associés à ce type d'enregistrement. Lors du transfert de votre demande vers FOI, nous vous encourageons à affiner la portée de votre demande en ne tenant compte que des pièces justificatives requises pour vos besoins, car l'inclusion de ces documents supplémentaires peut ajouter un temps de traitement important.

APPENDIX VI

C:\Users\jserrou\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO923.00\315-317 Chapel St, Ottawa\MXD\FIG V HISTORICAL AERIALS.mxd



LEGEND
 SITE BOUNDARY
 STUDY AREA



DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
WINDMILL DEVELOPMENTS

SITE LOCATION:
**315-317 CHAPEL STREET
OTTAWA, ONTARIO**





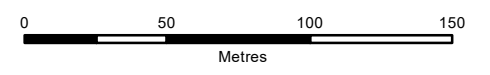
TITLE:
2017 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: APRIL 2023	FIGURE: V-1

C:\Users\jserrou\OneDrive - Terrapex Environmental Ltd\PROJECTS\Ottawa\CO923.00\315-317 Chapel St, Ottawa\MXD\FIG V HISTORICAL AERIALS.mxd



LEGEND
 SITE BOUNDARY
 STUDY AREA



DATA SOURCE: CITY OF OTTAWA
MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
WINDMILL DEVELOPMENTS

SITE LOCATION:
**315-317 CHAPEL STREET
OTTAWA, ONTARIO**



TITLE:
2021 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CO923.00	CHECKED BY: JOB
REVISION: 00	DATE: APRIL 2023	FIGURE: V-2

APPENDIX VII

Water Well Records

March 24, 2023

10:28:42 AM

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
NEPEAN TOWNSHIP	18 446775 5030795 W	2019-11 7241	1.04		///:	MT	0006 5	7350809 (Z324365) A282393	GREY ---- HARD 0000 GREY GRVL HARD PCKD 0002 BRWN CSND GRVL FILL 0006 GREY TILL HARD DNSE 0011
NEPEAN TOWNSHIP	18 446999 5030247 W	2019-04 6964	3.5		///:	MO	0015 5	7350082 (Z296638) A119065	GREY GRVL 0008 BRWN SAND 0015 BLCK SHLE ROCK 0020
NORTH ELMSLEY TOWNSH	18 446896 5030854 W	2008-06 6964	1.37			MO	0011 10	7107564 (M03128) A064922	BRWN LOAM 0002 GREY STNS 0006 BRWN SAND FILL 0009 WHIT SNDS ROCK 0021
OTTAWA CITY	18 447207 5031018 W	2019-10 6964	1.25		///:	MT	0025 5	7348022 (Z296654) A272512	BRWN SAND SILT LOOS 0030
OTTAWA CITY	18 447204 5031001 W	2019-10 6964	1.25		///:	MT	0025 5	7348021 (Z296649) A272513	BRWN SAND SILT LOOS 0030
OTTAWA CITY	18 447214 5031005 W	2019-10 6964	1.25		///:	MT	0025 5	7348020 (Z296650) A272514	BRWN SAND SILT LOOS 0030
OTTAWA CITY	18 446772 5030715 W	2017-09 7241	1.59			TH MO	0015 10	7296576 (Z206451) A182833	BRWN LOAM SOFT 0001 GREY CLAY SILT SOFT 0018 GREY CLAY SILT DNSE 0025
OTTAWA CITY	18 447391 5030799 W	2016-06 7241	2.04			MT	0011 5	7267502 (Z229778) A190897	BRWN LOAM GRVL SOFT 0001 GREY CLAY GRVL SOFT 0005 GREY CLAY SILT SOFT 0015 GREY TILL GRVL SOFT 0016
OTTAWA CITY	18 446750 5030896 W	2012-12 7328	1.22	UT 0018		MO	0010 10	7220779 (Z171268) A110631	GREY STNS FILL 0002 BRWN SAND GRVL CLAY 0010 GREY 0010 BRWN CLAY SLTY 0020
OTTAWA CITY	18 446861 5030618 W	2013-01 7241	1.36			MT	0003 8	7196193 (Z153020) A141839	BRWN FILL 0001 BRWN SILT CLAY 0002 GREY CLAY 0006 GREY CLAY 0011
OTTAWA CITY	18 446916 5030818 W	2008-06 6964						7106553 (M00595) A032149 A	
OTTAWA CITY	18 446855 5030755 W	2007-09 7241				MO	0010 10	7101159 (M00164) A063670	BLCK LOAM SOFT 0001 BRWN SAND SOFT 0005 GREY CLAY SOFT WBRG 0014 GREY CLAY WBRG SOFT 0020
OTTAWA CITY	18 446980 5030562 W	2006-12 1844	20.0				0005 11	7044389 (Z58316) A051274	BRWN SAND GRVL 0006 GREY CLAY SLTY WBRG 0016

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
OTTAWA CITY	18 446916 5030819 W	2007-05 6964	0.98				0005 10	7047370 (Z34856) A032149	0000 SAND 0000 GREY SILT CLAY 0007 GREY CLAY SILT 0015

Notes:

UTM: UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
DATE CNTR: Date Work Completed and Well Contractor Licence Number
CASING DIA: .Casing diameter in inches
WATER: Unit of Depth in Fee. See Table 4 for Meaning of Code

PUMP TEST: Static Water Level in Feet / Water Level After Pumping in Feet / Pump Test Rate in GPM / Pump Test Duration in Hour : Minutes
WELL USE: See Table 3 for Meaning of Code
SCREEN: Screen Depth and Length in feet
WELL: WEL (AUDIT #) Well Tag . A: Abandonment; P: Partial Data Entry Only
FORMATION: See Table 1 and 2 for Meaning of Code

1. Core Material and Descriptive terms

Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE
CGRD	COARSE-GRAINED	FGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK
CLN	CLEAN	FOSS	FOSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN
CLYY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY
CRYS	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WBRG	WATER-BEARING
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED
DLMT	DOLOMITE	GVLV	GRAVELLY	OBDN	OVERBURDEN	SLTE	SLATE		
DNSE	DENSE	GYPG	GYPG	PCKD	PACKED	SLTY	SILTY		
DRTY	DIRTY	HARD	HARD	PEAT	PEAT	SNDS	SANDSTONE		
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDY SOAPSTONE		

2. Core Color

Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

3. Well Use

Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring TestHole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail

Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

APPENDIX VIII

Client: All Saints Development LP

Site Location: 315 – 317 Chapel Street, Ottawa

Project No: CO923.00

Photo No: 1

Date: March 17, 2023

Viewing Direction: SE

Description:

View of the exterior of the former church from the intersection of Chapel Street and Laurier Avenue.


Photo No: 2

Date: March 17, 2023

Viewing Direction: East

Description:

View of the former church parking area from Chapel Street.

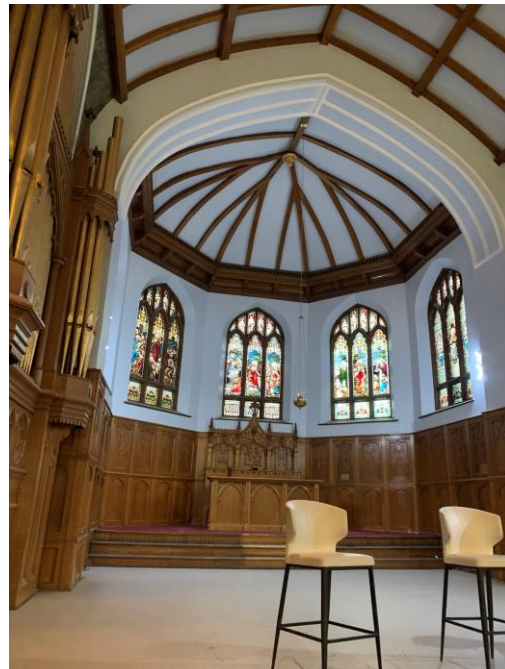


Client: All Saints
Development LP**Site Location:** 315 – 317 Chapel Street, Ottawa**Project No:** CO923.00**Photo No:** 3**Date:** March 17, 2023**Viewing Direction:** NA**Description:**

View of the interior of main chamber of the former church.

**Photo No:** 4**Date:** March 17, 2023**Viewing Direction:** NA**Description:**

View of the interior of main chamber of the former church.



Client: All Saints Development LP

Site Location: 315 – 317 Chapel Street, Ottawa

Project No: CO923.00

Photo No: 5

Date: March 17, 2023

Viewing Direction: SE

Description:

View of the exterior of the former church and Memorial Hall from the intersection of Blackburn Avenue and Laurier Avenue.


Photo No: 6

Date: March 17, 2023

Viewing Direction: W

Description:

View of the exterior of the Memorial Hall from the Blackburn Avenue.





PHOTOGRAPHIC LOG

Page 4 of 4

Client: All Saints
Development LP

Site Location: 315 – 317 Chapel Street, Ottawa

Project No: CO923.00

Photo No: 7

Date: March 17, 2023

Viewing Direction: NA

Description:

View of the interior of main chamber of the Memorial Hall.



APPENDIX IX

Position:	Project Engineer, Smithers, BC	
Qualifications:	B.Eng. Environmental Engineering Professional Engineers of Ontario Engineers and Geoscientists British Columbia	
Experience:	Terrapex Environmental Ltd.	2009 to present
	DST Consulting Engineers Inc.	2009

Mr. O'Bright has experience in both performing and interpreting data from all stages of environmental assessment and remediation. Mr. O'Bright has conducted Phase I ESAs in accordance with the CSA standards and O.Reg 153/04, including historical research, site inspection and report preparation. Mr. O'Bright has experience in site assessment; small- and large-scale site remediation (both in-situ and ex-situ); environmental monitoring programs for sites impacted with PHCs, VOCs, PAHs and/or heavy metals; soil, groundwater, soil vapour and air sampling; designated substance surveys; and, peer reviews. More recently, Mr. O'Bright is responsible for coordination, monitoring and analytical data interpretation, drafting, and all aspects of report preparation.

Representative projects include the following:

Phase One ESA: Mr. O'Bright was responsible for historical research and review, interviews, site inspection, and report preparation in accordance with the requirements of Ontario Regulation (O. Reg.) 153/04 (with amendments) under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*, in order to: determine potential sources of environmental impact; identify contaminants and media in areas of potential environmental concern; and, develop a conceptual site model (CSM) for the site.

Phase Two ESA: Based on a Phase One CSM developed for the site, the initial investigation consisted of drilling boreholes and installing monitoring wells, soil sampling, soil vapour surveying, elevation surveying, and groundwater monitoring and sampling (including from the existing monitoring well network). Based on the monitoring data and analytical results from the initial investigation, additional boreholes were drilled (some completed as monitoring wells or soil vapour probes) to fully delineate identified soil and groundwater impacts at the site. Soil vapour and indoor air samples were also collected. Mr. O'Bright completed the work program and reported the findings of the Phase Two in accordance with O.Reg 153/04. The Phase Two CSM was used as the basis for a Risk Assessment at the site, in support of the submission of a Record of Site Condition.

Designated Substance Survey: Mr. O'Bright completed an inspection, sampling various building materials suspected of containing asbestos, lead, mercury and/or other designated substances as listed in the Ontario Occupational Health and Safety Act (R.S.O. 1990,c.E.19). Mr. O'Bright prepared specifications for contractors in terms of the abatement required to address the identified asbestos- and lead-containing materials during the building demolition.

Assessment and Remediation of Hydrocarbon Impacted Soil: Mr. O'Bright conducted an extensive test pit program to delineate the extent of previously identified hydrocarbon impacted soil at the site, which involved soil sampling, soil vapour surveying, and soil classification. Based on a review of analytical results, Mr. O'Bright determined that there were three distinct zones of impact and estimated total volumes of impacted soil beneath the former building and pump islands and within the former tank nest. Mr. O'Bright supervised the excavation of impacted soil and collected confirmatory soil samples at the extent of the excavations. Completed excavations were backfilled with soil deemed suitable for re-use (based on analytical results) and imported fill. Impacted soil was sent off-site to a MOECC-licensed facility.

Assessment and Ongoing Groundwater Remediation: As part of an on-going contaminant management plan where the groundwater plume was delineated but was not decreasing in concentration and impacted soil identified could not be removed due to geotechnical limitations. Mr. O'Bright supervised the injection of a chemical oxidant into identified soil impacts in both the saturated and unsaturated zones. Mr. O'Bright conducted several pre- and post-injection groundwater monitoring and sampling events and interpreted several years of monitoring and analytical data. Mr. O'Bright presented a historical trend analysis showing that the oxidant injections have been effective in reducing the groundwater plume concentration in a report.

Peer Review: Mr. O'Bright reviewed affidavits documenting a heating oil loss and the subsequent remedial effort conducted by others. Mr. O'Bright summarized the environmental reports and tabulated the associated costs and presented the summaries in figures, tables, and charts in support of expert witness testimony.

Current Position:	Branch Manager / Senior Project Manager	
Qualifications:	B.A. Biology Dipl. (Hons.) Environmental Technology QP _{ESA} in accordance with O.Reg. 153/04	
Experience:	Terrapex Environmental Ltd.	2000 to Present
	Greenbank Environmental / Environmental Management Solutions Inc.	1998 to 2005
	Jacques Whitford Limited	1997 to 1998

Mr. Rose has 21 years of experience in the consulting industry, and is registered as a Limited member of the Association of Professional Geoscientists of Ontario (APGO) entitled to practice as a Professional Geoscientist (Limited) in the disciplines of Phase I and Phase II Environmental Site Assessments (ESAs) and Soil and Groundwater Remediation. As a Senior Project Manager, Mr. Rose manages Phase I, II, and III ESAs environmental monitoring programs, site remediation projects and Designated Substance Surveys (DSSs). Mr. Rose brings to Terrapex expertise in the environmental industry, having managed and conducted numerous environmental site assessments and remediations. He additionally, has conducted Occupational Exposure Air Monitoring, Ambient Air Monitoring and Real Time Air Monitoring for environmental remediation projects. Mr. Rose has experience in multiple client sectors including petroleum companies, fuel outlet dealers, national retail chains, commercial landowners and developers and all levels of government (municipal, provincial and federal).

Representative Projects:

National Capital Commission: Managed a historical reviews of site activities, interviews, and site visits in accordance with the Canadian Standards Association (CSA) Standard Z768-01 for Phase I Environmental Site Assessments of a number of properties in the National Capital Region. Assessments were enhanced to include Designated Substances Assessment / Hazardous Materials Reviews and storage tank compliance audits.

Municipality: Supervised and/or Conducted Phase I ESAs including historical reviews of site activities, interviews, and site visits in accordance with the Canadian Standards Association (CSA) Standard Z768-01 for 25 properties.

Various Clients: Completion/management of approximately 100 Phase I ESAs at various sites in Ontario, including industrial sites, commercial and residential properties and vacant lots.

Municipality: Phase II ESAs were conducted to investigate potential impacts from historic property use, neighboring properties and a historically reported VOC groundwater plume. Shallow overburden monitoring wells and deeper multi-level nested monitoring wells were installed to investigate the impacts.

Retail Petroleum Company: Completion of Phase I ESA and Phase II ESAs at a number of commercial retail petroleum stations across Ontario and implementing of contaminant management plans in accordance with Technical Standards and Safety Authority (TSSA) regulatory requirements.

Retail Client: Conducted Hazardous Materials Audits of major retail store buildings on two properties in preparation for demolition of the buildings and remediation of contaminated soil. Designated substances and hazardous materials present in the buildings were identified and quantified and the resulting information was used in the development of a specification document for contractors bidding on the related demolition/abatement and remediation contracts. Included the development and communication of site-specific safe work practices for abatement workers, supervision of remediation activities to meet generic MOECC site condition standards and/or site-specific criteria. Final site re-instatement included preparation for future construction and the implementation of risk management measures such as site soil barriers.