

Phase One Environmental Site Assessment

214-224 Somerset Street East
Ottawa, Ontario

Prepared for:
Ottawa Community Housing
Corporation



June 21, 2023

LOP23-025B

Table of Contents

1. Executive Summary	1
2. Introduction	2
3. Scope of Investigation	4
4. Records Review	5
a) General	5
i. Phase One Study Area	5
ii. First Developed Use Determination.....	5
iii. Fire Insurance Plans.....	5
iv. Chain of Title.....	5
v. Environmental Reports	6
b) Environmental Source Information.....	7
c) Physical Setting Sources	16
i. Aerial Photographs	16
ii. Topography, Hydrology, Geology	18
iii. Fill Materials	18
iv. Water Bodies and Areas of Natural Significance & Ground Water Information	19
v. Well Records.....	19
d) Site Operating Records	20
5. Interviews	20
6. Site Reconnaissance.....	20
a) General Requirements.....	20
b) Specific Observations at Phase One Property	21
i. Enhanced Investigation Property.....	22
c) Land Use Observations of the Phase One Study Area	22
7. Review and Evaluation of Information.....	23
a) Current and Past Land Use	23
b) Potentially Contaminating Activity	24

c)	Areas of Potential Environmental Concern.....	25
d)	Phase One Conceptual Site Model	26
8.	Conclusions	28
i.	Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted	28
ii.	Record of Site Condition Based on Phase One Environmental Site Assessment Alone .	28
iii.	Signatures	28
iv.	Limitations	29
9.	References	30
10.	Appendices.....	31

List of Figures

Figure 1:	Key Plan
Figure 2:	Site Plan
Figure 3:	Surrounding Land Use

List of Tables

Table 1: Potentially Contaminating Activities Identified during FIP Review	6
Table 2: Ownership Summary.....	7
Table 3: Waste Generators Summary	12
Table 4: Potentially Contaminating Activities Identified during HLUI Review.....	16
Table 5: Current and Past Land Use	23
Table 6: Potentially Contaminating Activities at the Phase One Property	24
Table 7: Potentially Contaminating Activities in the Phase One Study Area	24

List of Appendices

Appendix A – Topographical Plan of Survey
Appendix B – Proposed Redevelopment Concept Plan
Appendix C – Property Ownership Details
Appendix D – Environmental Risk Information Systems (ERIS) database Search
Appendix E – Ministry of Environment, Conservation and Parks Freedom of Information (FOI)
Appendix F – Technical Standards and Safety Association Correspondence
Appendix G – City of Ottawa Historic Land Use Inventory (HLUI)
Appendix H – Aerial Photographs
Appendix I – Topographic Map
Appendix J – Photographic Log
Appendix K – Qualifications of Assessors

1. Executive Summary

Lopers & Associates (Lopers) was retained by Ottawa Community Housing Corporation (OCH) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the residential property with Civic address Nos. 214, 216, 218, 220, 222 and 224 Somerset Street East, Ottawa, Ontario ("Site" or "Phase One Property" or "214-224 Somerset"). The Phase One Property is located on the south side of Somerset Street East, immediately west of the Nelson Street intersection.

This Phase One ESA is being completed as part of due diligence requirements associated with the submission of a Development Application to the City of Ottawa Municipal Planning Department.

The Phase One Property was undeveloped prior to 1912 when construction of the present-day residential buildings was completed circa 1914 on the north portion of the Phase One Property. The remaining undeveloped area on the south portion of the Phase One Property is landscaped/vegetated. An asphalt pedestrian pathway is present to the south of the Site building, which is a shared easement with the neighbouring property to the south.

The Property is currently used for residential purposes (although it is presently unoccupied) and is zoned for residential use. The Phase One Property was transferred to Ottawa Community Housing Corporation (OCH) in 2004. It is understood that the intended future use is for residential purposes. The Phase One Property is immediately surrounded by residential properties to the south and west, by Nelson Street followed by Community/Parkland to the east and by Somerset Street East followed by residential properties to the north.

There was evidence of non-native fill material observed during the subsurface drilling and sampling, completed as part of a concurrent Limited Environmental Soil & Groundwater Assessment and geotechnical investigation. The presence of imported fill material is suspected at the Phase One Property and is associated with O.Reg. 153/04 PCA: Importation of fill material of unknown quality, which represents PCA #1 and has been interpreted as APEC #1 for the Phase One Property. This PCA #1 has resulted in soil with contaminant concentrations in excess of the MECP Table 3 Standards at the Site, as demonstrated in the LESGA¹.

A Phase Two ESA in accordance with O.Reg. 153/04 is recommended for the Phase One Property.

Based on the location and orientation of the 15 PCAs identified at neighbouring properties in the Phase One Study Area, they are not considered to represent APECs for the Phase One

¹ Limited Environmental Soil & Groundwater Assessment - 214-224 Somerset Street East, Ottawa - June 21, 2023, Lopers & Associates

Property. It should be noted that a detectable concentration of PCE was reported in the groundwater monitoring well installed as part of the LESGA; it is recommended that future groundwater sampling and analysis include volatile organic compounds (VOCs) as part of the Phase Two ESA.

2. Introduction

Lopers & Associates (Lopers) was retained by Ottawa Community Housing Corporation (OCH) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the residential property with Civic address Nos. 214, 216, 218, 220, 222 and 224 Somerset Street East, Ottawa, Ontario ("Site" or "Phase One Property" or "214-224 Somerset"). The Phase One Property is located on the south side of Somerset Street East, immediately west of the Nelson Street intersection.

The Phase One Property is legally described as Lot 24 and Part of Lot 25 (West Nelson Street) on Registered Plan 45224 in the City of Ottawa and has property identifier numbers of 04059-0120, 04205-0024 as obtained from the topographical plan of survey by Farley Smith & Denis Surveying Ltd. dated January 16, 2023 and the GeoWarehouse Parcel Registers, provided by OCH. The Survey Plan is presented in Appendix A and the Parcel Registers are presented in Appendix C.

Based on approximate dimensions obtained from the City of Ottawa's GIS mapping software, the Phase One Property has an approximate area of 536 m² (0.05 Hectares) and a zoning designation of R4U C(480), which signifies a 4th density residential use zone. The approximate elevation of the Phase One Property as indicated on the Topographic Map and confirmed through City of Ottawa mapping and Google Earth is between approximately 60 and 64 m above mean sea level (m AMSL). The approximate centre of the Phase One Property has Latitude and Longitude coordinates of 45° 25' 21" N and 75° 40' 43" W and Universal Transverse Mercator (UTM) coordinates of 446914 m E and 5030120 m N.

The Phase One Property is currently owned by OCH and is occupied by three vacant three-Storey residential buildings. It is Lopers' understanding that OCH intends to redevelop the Phase One Property for residential purposes, including the current concept for construction of one building approximately four storeys in height, with partial subgrade floors and/or utility rooms. It is understood that the buildings which currently occupy the Property will be demolished prior to redevelopment. A copy of an architect's redevelopment concept for the Property, as provided by OCH, is presented in Appendix B.

This Phase One ESA was commissioned by Mr. Barron Meyerhoffer, Director of Development for OCH. Ottawa Community Housing Corporation has a business address of 39 Auriga Drive, Ottawa, Ontario, K2E 7Y8 and a business telephone number of 613-731-1182.

3. Scope of Investigation

This Phase One ESA has been completed as per the details of scope presented in Lopers' Letter entitled "Proposal for Phase One Environmental Site Assessment & Coordination and Field Supervision of Drilling Program, Proposed Residential Re-Development, 214-224 Somerset Street East, Ottawa, ON", dated March 7, 2023, reference No. PRO-025B-23-OCH.

The Phase One ESA has been prepared in accordance with the technical requirements and formatting guidance as presented by the Ministry of Environment, Conservation and Parks (MECP) in Ontario Regulation (O.Reg.)153/04, as amended March 19, 2021. This format is based on the provincial regulation for brownfields redevelopment and has been adopted as a standard by the City of Ottawa for development applications.

The scope of work for the Phase One ESA involved the following components:

- Historical Research (Review of available historical reports, public environmental databases, Fire Insurance Plans (FIPs), Aerial Photographs, geological mapping and any other relevant environmental records which were readily accessible at the time of the Phase One ESA);
- Requests for Information from the MECP Freedom of Information (FOI), Technical Standards and Safety Authority (TSSA), and City of Ottawa Historical Land Use Inventory (HLUI);
- Subcontracted research of environmental databases through Environmental Risk Information Services (ERIS);
- Title/Ownership Review (reviewed from Parcel Registers generated from GeoWarehouse)
- Physical Site inspection
- Interviews with persons knowledgeable about the Property and past uses
- Interpretation of findings
- Preparation of a Phase One ESA report

The specific objectives of the Phase One ESA are to:

- Provide an overview of the Phase One Environmental Site Assessment conducted with respect to the Phase One Property.
- Provide an environmental record of the Phase One Property, in a manner that can be assessed, tested and reconstructed, to document and demonstrate:
 - How the objectives of the Phase One ESA were achieved and how the requirements for the objectives were met;
 - Whether further investigation is required to submit a Record of Site Condition (RSC) for filing;
 - Whether there exists an adequate basis for further investigation; and,
 - The basis for required certifications.

4. Records Review

a) General

i. Phase One Study Area

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

ii. First Developed Use Determination

A review of the fire insurance plans (FIPs) from the City of Ottawa shows the Phase One property to be undeveloped in 1912. The Phase One Property was first listed in the City of Ottawa Street Directories in 1914.

Aerial photographs reviewed from 1928 through 2021 depict the Phase One Property occupied with the present-day residential buildings.

The Phase One Property was occupied by three vacant three-Storey residential buildings with partial basement levels during the 2023 Phase One Site Inspection; all of the buildings were vacant.

Based on the information reviewed as part of this Phase One ESA, specifically FIPs, City of Ottawa Street Directories and aerial photographs, the Phase One Property was first developed for residential use in 1914; the Property has been used for residential use since first development.

iii. Fire Insurance Plans

Fire insurance plans (FIPs), were reviewed where available, for the City of Ottawa as part of this Phase One ESA.

Early development of the Phase One Study Area is depicted on Sheets 79, 80, 89, 90 and 91 of Volume 1 of the May 1912 FIPs; the Phase One Property is shown on Sheet 89. The Phase One Property is not shown to have been developed in 1912. The neighbouring properties to the south and southwest are developed with residential dwellings. Somerset Street East is present to the north of the Property, while Nelson Street is present to the east. Properties in the Phase One Study Area were generally used for residential purposes, with some commercial use and industrial use further to the west for the University of Ottawa. Industrial use in the form of coal

yards and rail sidings was noted to the south of the University of Ottawa on the west side of King Edward Avenue.

The Phase One Study Area is depicted again on Sheets 217-1, 217-2, 217-3, 217-4 and 218-1 of Volume 2 of the October 1956 FIPs; the Phase One Property is shown on Sheet 217-2. The Phase One Property is shown to have been developed with 3 semi-detached residential buildings with addresses 214, 216, 218, 220, 222 and 224 Somerset Street East. The neighbouring properties to the west, south, and north of Nelson Street are developed with residential dwellings. Properties in the Phase One Study Area were generally used for residential purposes, with some commercial use and industrial use further to the west for the University of Ottawa. Industrial Use was noted to the south of the University of Ottawa.

Four PCAs were identified at properties in the Phase One Study Area during a review of the FIPs; these PCAs are presented in Table 1 below.

Table 1: Potentially Contaminating Activities Identified during FIP Review

Plan Reference & PCA #	PCA	Address	Orientation	APEC (Y/N)
PCA #2	Dry Cleaner	620-622 King Edward Avenue	240 m northwest	N
PCA #3	Wood Yard	458-460 Nelson Street (Current Addresses)	50 m south	N
PCA #4	Ottawa & New York Railway	770 King Edward Avenue (Current Address)	230 m southwest	N
PCA #5	Coal Yard	770 King Edward Avenue (Current Address)	230 m southwest	N

The aforementioned PCAs are identified by their plan reference numbers, which are depicted on Figure 3: Surrounding Land Use and are summarized in Table 7, Section 7. (b). These plan reference numbers are the same as the PCA #'s for these PCAs, subsequently referenced throughout this Phase One ESA. None of the PCAs at neighbouring properties were interpreted to represent APECs for the Property, given their orientations and/or distances with respect to the Property.

iv. Chain of Title

A chronological chain of title was not prepared as part of the Phase One historical research. The historical ownership of the Phase One Property was reported to have consisted of transfers of the lot which comprise the Property between municipal / social housing since at least the 1980's. It has been interpreted that the Property was purpose built for this type of residential occupancy during construction in the early 1900's.

The City of Ottawa non-profit Corporation, now operating as Ottawa Community Housing Corporation (OCH) obtained ownership of the Property in 1983 and has managed the buildings as a group of rooming houses since that time. The Property was legally transferred from the

City of Ottawa non-profit Corporation to OCH on May 3, 2004. The Phase One Property remains fully owned by OCH and occupied by the original residential buildings.

A copy of the Parcel Registers for the Phase One Property from GeoWarehouse, as provided by OCH is provided in Appendix C.

Table 2: Ownership Summary

Year(s)	Phase One Property Ownership
September 2, 1983 to May 3, 2004	The City of Ottawa Non-Profit Housing Corporation
May 3, 2004 to Present	Ottawa Community Housing Corporation

Based on the chain of title ownership summary there are no identifiable Potentially Contaminating Activities (PCAs) known to be associated with the ownership of the Phase One Property.

v. Environmental Reports

OCH and the City provided the following four reports for review as part of this Phase One ESA:

1. "Limited Environmental Soil & Groundwater Assessment, Proposed Residential Re-Development, 214-224 Somerset Street East, Ottawa, ON", dated June 21, 2023, completed by Lopers & Associates for OCH. ("2023 Lopers Limited Environmental Soil & Groundwater Assessment")
2. "Geotechnical Investigation, Proposed Residential Development, 214 Somerset Street East, Ottawa, Ontario", dated May 2, 2023, completed by Paterson Group Inc. for OCH. ("2023 Paterson Geotechnical Investigation")
3. "Project Specific Designated Substance Report, 214-224 Somerset Street, Ottawa, ON", dated October 27, 2016, completed by CM3 Environmental Inc. for Read Jones Christofferson Ltd. ("2016 DSR Investigation")
4. "Designated Substance Survey, 214-224 Somerset Street East, Ottawa, ON", dated January 30, 2023, completed by Lopers & Associates for OCH ("2023 DSS Investigation")

2023 Lopers Limited Environmental Soil & Groundwater Assessment (LESGA)

Lopers completed a Limited Environmental Soil & Groundwater Assessment (LESGA) in conjunction with this Phase One ESA and the 2023 Paterson Geotechnical Investigation. The objectives of the LEGSA were to collect soil samples and groundwater for laboratory analysis from locations in the geotechnical boreholes/monitoring wells.

- *It should be noted that the intended field program for the LESGA and concurrent geotechnical field investigation included 2 additional boreholes/monitoring wells, however, due to Site access restrictions, the field investigation was limited to a single borehole/monitoring (BH1-23) near the southeast Property limits (see Figure 2).*

The borehole (BH1-23) was drilled to an approximate depth of 8.4 meters below ground surface (m BGS). A groundwater monitoring well was installed in BH1-23, with its screened interval approximately 2.3 to 5.3 m BGS, intended to straddle the groundwater table.

Laboratory Analysis consisted of the following:

- 1 surficial soil sample analyzed for Petroleum Hydrocarbons (PHCs) and Benzene, Toluene, Ethylbenzene and Xylenes (BTEXs), Polycyclic Aromatic Hydrocarbons (PAHs) and Metals; and,
- 1 groundwater sample, collected near the center of the measured static water column. The groundwater sample was submitted for analysis of PHCs, VOCs including BTEXs, PAHs and Metals.

The analyzed soil sample of the fill material from BH1-23 was analyzed for PHCs, BTEXs, PAHs and metals, which are the contaminants of potential concern (CPCs) most commonly associated with fill material. The analyzed soil sample had reported concentrations of various PAHs in excess of their Site Condition Standards, as follows:

- Benzo(a)anthracene 0.56 ug/g vs. 0.36 ug/g;
- Benzo(a)pyrene 0.56 ug/g vs. 0.30 ug/g; and,
- Fluoranthene 1.37 ug/g vs. 0.69 ug/g.

All other soil parameters were in compliance with the MECP Table 3 residential land use standards. It was noted that the analyzed soil sample of the fill material from BH1-23 had a concentration of the F4 range of PHCs and various additional PAHs (to those noted above), in excess of the MECP Table 1 Background standards.

The analyzed groundwater sample from BH1-23 was analyzed for PHCs, VOCs, PAHs, metals and inorganics which are the contaminants of potential concern (CPCs) most commonly associated with identified PCAs at neighbouring properties during the Phase One ESA historical research. The analyzed groundwater sample had all CPCs reported in compliance with the MECP Table 3 Site Condition Standards. It was noted that the VOC compound, tetrachloroethylene (PCE) was detected in the monitoring well (BH1-23) at a concentration of 0.8 ug/L, half of its Site Condition Standard of 1.6 ug/L.

Given that PCA #1 was identified (Importation of Fill Material of Unknown Quality), which was interpreted as an APEC #1 for the Site, and this PCA #1 has resulted in soil in excess of the MECP Table 3 Standards at the Site, as demonstrated in the LESGA, a Phase Two ESA in accordance with O.Reg. 153/04 was recommended for the Site.

2023 Paterson Geotechnical Investigation

A Geotechnical Investigation report was prepared by Paterson in 2023. Lopers supervised the fieldwork for the Geotechnical drilling investigation in April of 2023. One borehole was drilled to a depth of approximately 8.4 m below ground surface (BGS). Soil conditions were generally found to consist of a thin layer of asphalt over silty sand and gravel fill (0.6 m BGS), followed by silty sand and gravel with clay to approximately 1.8 m BGS. Silty clay was encountered from

approximately 1.8 to 6.9 m BGS, the clay was underlain by approximately 1.5 m of sand and gravel glacial till, followed by inferred bedrock at approximately 8.4 m BGS.

2016 DSR Investigation and 2023 DSS Investigation

The Site was occupied by three vacant three-Storey residential buildings with partial basement levels at the time of the 2016 DSR & 2023 DSS. Each of the three buildings at the Site had an approximate footprint area of 1,320 m². Based on these reports, the Site buildings were identified to have been constructed in 1902 and had been used as residential rooming housing since that time. No PCAs were identified during completion of the 2016 DSR & 2023 DSS.

b) Environmental Source Information

A review of the readily available environmental source information records was completed as part of this Phase One ESA.

As part of environmental source information review, Environmental Risk Information Systems (ERIS) was also contracted to complete a search of their records of environmental data bases within 250 m of the Site. The pertinent search results to this Phase One ESA are presented in the following subsections. A copy of the ERIS database search is included as Appendix D.

National Pollutant Release Inventory

The National Pollutant Release Inventory (NPRI) is a database maintained by Environment and Climate Change Canada (ECCC). Reporting of releases of pollutants into the natural environment are reported annually by corporations and/or their representatives and posted for public record by ECCC. Presently, data is available and posted for the years 1994 through 2017. No records were identified at Phase One Property during a review of the posted NPRI data on the ECCC electronic website on May 14, 2023 and the results were confirmed through the subcontracted ERIS search, dated March 9, 2023. There were 8 records located at University of Ottawa at 720 King Edward Avenue, with property limits located approximately 140 m west of the Phase One Property. This institutional property's releases were to air, listed between 2003 and 2009; these releases are not associated with a potentially contamination activity (PCA) and do not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.

Polychlorinated Biphenyl (PCB) Inventories

The MECP, formerly known as the Ministry of Environment and Energy, published the "Ontario Inventory of PCB Storage Sites". The inventory documented the company information, physical address, number of tonnes of liquid PCBs by region. No records were identified at the Phase One Property or at neighboring properties in the Phase One Study Area during a review this document and the results were confirmed through the subcontracted ERIS search, dated March 9, 2023.

The ERIS search also reviewed the National PCB Inventory, which details in-use PCB containing equipment in federal, provincial and private facilities; this database was last updated in 2008. No records were identified at the Phase One Property during a review of this database. There were 3 records identified in the Phase One Study Area; these records were registered to the University of Ottawa at 100 Thomas More Street, located approximately 250 m northeast of the Property. The records are related to an active electrical transformer located in a basement electrical room; this activity is not interpreted as a PCA and does not represent an APEC for the Property.

Environmental Instruments

Environmental Instruments, such as Environmental Compliance Approvals (ECAs), Certificates of Approval (CAs), Permits to Take Water (PTTWs), Risk Management Plans (RMPs), and Certificates of Property Use (CPUs) are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties in the Phase One Study Area.

The MECP FOI and ERIS searches did not identify any records of environmental instruments at the Phase One Property. There were 16 records of ECAs and 21 records of CAs identified at properties within the Phase One Study Area; these include:

- There were 10 records for CAs and 6 records for a ECAs related to air discharge, which have not been interpreted as PCAs and do not represent APECs for the Phase One Property.
- There were 11 CA records and 10 ECA records related to municipal water drinking water systems and/or sewage which have not been interpreted as PCAs and do not represent APECs for the Phase One Property.

Inventory of Coal Gasification Plants

The document "Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. for the Ontario Ministry of the Environment, dated July 1988 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document and the results were confirmed through the subcontracted ERIS search, dated March 9, 2023.

Environmental Records of Incidents, Orders, Offences, Spills, Discharges of Contaminants or Inspections maintained by the Ministry

Environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The

subcontracted ERIS search also confirms the filing of any such records associated with properties in the Phase One Study Area.

The MECP FOI and ERIS searches did not identify any records of environmental records of incidents, orders, offences, spills, discharges of contaminants or inspections at the Phase One Property. There were 11 records of spills identified at properties within the Phase One Study Area. Of these 11 spill records, the following were interpreted to be associated with PCAs and/or potential environmental liability for the Property:

- A spill of 200 L of diesel fuel was reported in 2016 at the intersection of King Edward Avenue and Somerset Street East, approximately 110 m west of the Phase One Property. The spill resulted in a release to land/ surface water. This historic fuel spill PCA #6 is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.
- A spill of 20 L of diesel fuel was reported in 2015 at 141 Louis Pasteur Private, approximately 190 m southwest of the Phase One Property. The spill was the result of a mechanical failure and was contained. This historic fuel spill and associated aboveground fuel storage tank (AST) represent PCA #7, is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.
- A spill was reported in 1992 at a "Private Residence on Nelson St/Templeton St" and was related to "Tank Truck (Cargo)"; this property is interpreted to be located approximately 150 m south of the Phase One Property. The spill resulted in a release to land, and soil contamination was reported. This historic fuel spill PCA #8 is related to gasoline and associated products in fixed tanks, is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.
- A spill was reported in 1991 by Esso Petroleum at 120 Osgoode Street and was related to "Tank Truck (Cargo)"; this property located approximately 190 m north of the Phase One Property. The spill resulted in a release of 1 L of furnace oil to land during filling. This historic fuel spill PCA #9 is related to gasoline and associated products in fixed tanks, is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.
- A spill was reported in 2010 during a property inspection at 122 Osgoode Street, located approximately 190 m south of the Phase One Property. The spill resulted in a release of 1-2 L of furnace oil to the concrete floor. This historic fuel spill PCA #10 is related to gasoline and associated products in fixed tanks, is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not

represent an Area of Potential Environmental Concern (APEC) for the Phase One Property.

The locations of these PCAs are depicted on Figure 3: Surrounding Land Use and are summarized in Table 7 in Section 7. (b). The other spill records are not associated with PCAs and therefore do not represent APECs for the Phase One Property. None of the spill PCAs at neighbouring properties were interpreted to represent APECs for the Property, given their orientations and/or distances with respect to the Property.

Waste Management Records

Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP with additional communications. The subcontracted ERIS search also confirms the filing of any such records associated with properties in the Phase One Study Area.

The MECP FOI and ERIS searches did not identify any records of environmental waste generator records at the Phase One Property. There were 30 individual records of environmental waste generators at 9 different properties in the Phase One Study Area; these records are based on individual year listings at the various properties. Registered Waste Generators at neighbouring properties within the Phase One Study Area are summarized in Table 3 below.

Table 3: Waste Generators Summary

PCA Report Reference No.	Address	Generator	Waste Classes	Distance from Site
PCA #7	141 Louis Pasteur Private	Elevation Elevator Inc.	Waste Oils & Lubricants	190 m southwest
PCA #11	250 Somerset St East	Elevation Elevator Inc.	Waste crankcase oils and lubricants	20 m east
PCA #12	255 Henderson Avenue	University of Ottawa	Aliphatic Solvents, Alkaline Wastes – Other Metals, Waste Oils & Lubricants	150 m south
Not Applicable	300-100 Marie Curie Private	866520 Ontario Ltd	Pathological Wastes	5 m northwest (operations at least 30 m northeast)
Not Applicable	631 King Edward Avenue	University of Ottawa	Photoprocessing Wastes	170 m northwest

PCA Report Reference No.	Address	Generator	Waste Classes	Distance from Site
Not Applicable	25 Templeton Street	University of Ottawa	Pathological Wastes	100 m west-southwest
Not Applicable	720 King Edward Avenue	University of Ottawa	Not Defined	130 m west-southwest
Not Applicable	119 Osgoode Street	Conseil des ecoles publiques de l'Est de l'Ontario	PCBs, Other Specified inorganic sludges, slurries or solids, Misc. waste organic chemicals, Misc. wastes and inorganic chemicals, Alkaline solutions – containing other metals and non-metals (not cyanide), Waste compressed gases, Alkaline Wastes – Other Metals, Organic Laboratory Chemicals	225 m north-northwest
Not Applicable	801 King Edward Avenue	866520 Ontario Ltd	Pathological Wastes	180 m south

None of the Waste Generator PCAs at neighbouring properties were interpreted to represent APECs for the Property, given their orientations and/or distances with respect to the Property. The locations of these PCAs are depicted on Figure 3: Surrounding Land Use and are summarized in Table 7 in Section 7. (b).

MECP Property Specific Reports

Reports submitted to the Ministry related to environmental conditions are maintained by the MECP on a property specific basis and can generally be obtained by submitting a Freedom of Information (FOI) request. If records exist, they can generally be obtained through the MECP through additional communications. The subcontracted ERIS search also would reveal the filing of any such records associated with properties in the Phase One Study Area.

An FOI request was submitted to the MECP as part of this Phase One ESA; the response dated March 22, 2023 is included as Appendix E. The FOI response indicated that the MECP had not located any environmental records for the Phase One Property during a search of their databases. The ERIS searches did not identify any records of environmental reports at the Phase One Property, or properties within 250 m of the Phase One Property.

Technical Standards and Safety Authority

Records of retail fuel storage tanks, retail fuel outlets, spills, releases, and other associated information is maintained by the Technical Standards and Safety Authority (TSSA). These records can be obtained through electronic communications with the TSSA. The subcontracted ERIS search also confirms the filing of any such records associated with properties in the Phase One Study Area.

The TSSA was contacted by email to complete a search of available records associated with the current property address and addresses of surrounding properties with historical environmental listings (based on other historical research). The TSSA response, received on April 10, 2023, did not identify the presence of any fuel storage tanks at the Phase One Property or immediately adjacent properties. A copy of the TSSA response is included as Appendix F.

The subcontracted ERIS search did not identify any records of private and retail fuel storage tanks at the Phase One Property. One property with 2 TSSA records of a fuel storage tank and two TSSA records for historical incidents were identified in the Phase One Study Area.

Records for a delisted (expired) UST and variance for an abandoned UST were identified at 141 Louis Pasture Private, with property limits approximately 130 m west of the Phase One Property. This UST, interpreted as PCA #7 is associated with "Gasoline and Associated Products Storage in Fixed Tanks". This property is located a significant distance and interpreted cross-gradient with respect to the Phase One Property and does not represent an APEC for the Phase One Property.

The historical incidents included natural gas pipeline strikes at 191 Somerset Street East and 250 Somerset Street East. These incidents do not represent PCAs and have not been interpreted to contribute to any APECs at the Property.

Registry Filings

Records of notices and instruments, including records of site condition (RSC), which have been posted in the environmental registry, are maintained by the MECP. These records can be reviewed electronically on the MECP Environmental Site Registry (ESR) website. The subcontracted ERIS search also would reveal the filing of any such records associated with properties in the Phase One Study Area. The website was reviewed for RSCs filed at the Phase One Property and in the Phase One Study Area; no RSCs have been filed for the Phase One Property or for any properties in the Phase One Study Area.

Areas of Natural and Scientific Interest

Records of areas of natural and scientific interest (ANSIs) formerly referred to as areas of natural significance, are maintained by the Ministry of Natural Resources and Forestry (MNRF), and are available for review on the Ontario GeoHub website. The website was reviewed on April 5, 2023 for records of ANSIs in the Phase One Study Area. There were no ANSIs identified within 250 m of the Phase One Property.

Current and Historical Landfills

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. No records were identified within 250 m of the Phase One Property during a review of this document.

Records of historical and operating landfills is maintained by the MECP. The document "Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991 was reviewed as part of this Phase One ESA. One record of a closed waste disposal site was identified to the east of the Phase One Property. The closed landfill site was identified with Site ID X1006 and was classified as "A5: Potential Human Impact – Urban Municipal/Domestic Waste. No records of active landfill sites were identified within 250 m of the Phase One Property during a review of this document.

The City of Ottawa contracted Golder Associates Ltd. to conduct an inventory and assessment of former waste disposal sites in within the City of Ottawa. The document "Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., finalized October 2004, was reviewed as part of this Phase One ESA. One record of a former landfill was identified within 250 m of the Phase One Property during a review of this document. A Landfill was identified at the present-day University of Ottawa sport complex, with its limits approximately 200 m south-southwest of the Phase One Property. The landfill reportedly operated prior to 1928 and accepted primarily demolition debris and industrial waste. The direction of groundwater flow was reportedly toward the Rideau River. The presence of this former waste disposal site in the Phase One Study Area is associated with the PCA of "Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners" (PCA #13). This former landfill property is located a significant distance and interpreted down-gradient with respect to the Phase One Property and does not represent an APEC for the Phase One Property. The location of this PCA is depicted on Figure 3: Surrounding Land Use and are summarized in Table 7 in Section 7. (b).

City of Ottawa Historical Land Use Inventory

The City of Ottawa's Planning, Infrastructure and Economic Development department was contacted to complete a search of the Historical Land Use Inventory (HLUI) maintained by the City. Through the HLUI response, received on April 5, 2023, Lopers interpreted that there were no activities (of environmental significance) associated with the Phase One Property and there were various activities at neighbouring properties in the Phase One Study Area, including the following PCAs in Table 4.

Table 4: Potentially Contaminating Activities Identified during HLUI Review

Plan Reference No.	PCA	Address	Orientation	APEC (Y/N)
PCA #2	Former Dry Cleaner	616 King Edward Avenue	240 m northwest	N
PCA #4	Ottawa & New York Railway	770 King Edward Avenue (Current Address)	230 m southwest	N
PCA #7	Heating Oil UST / U of Ottawa Central Heating Plant	141 Louis Pasteur Private / 720 King Edward Avenue	190 m southwest	N
PCA #11	Heating Oil UST	250 Somerset Street East	20 m east	N
PCA #13	Former Landfill	Henderson & King Edward	200 m south-southwest	N
PCA #14	Heating Oil UST	393 Nelson Street	160 m north	N
PCA #15	Former Dry Cleaner	82 Henderson Avenue / 124 Osgoode Street	240 m northwest	N

Additional activities were identified at properties in the HLUI study area; however, these activities were not interpreted to have been associated with PCAs. None of the identified listed 'activities' at neighbouring properties were considered to represent APECs for the Phase One Property. A copy of the HLUI response letter is included in Appendix G.

c) Physical Setting Sources

i. Aerial Photographs

Aerial Photographs were reviewed for the Phase One Property and Phase One Study Area from available sources as part of the historical review. Aerial photographs were reviewed from historical research previously completed in the Phase One Study Area, Google Earth Aerial Imagery and from the City of Ottawa's geoOttawa GIS tool. Aerial Photographs were reviewed over the period of 1928 through 2021, which depict development at the Phase One Property. A summary of the information gleaned from the aerial photographs is provided below. Copies of the aerial photographs reviewed are provided in Appendix H.

1928 Aerial Photograph

The Phase One Property has been developed with what appears to be the present-day multi-unit residential buildings. Somerset Street East is present to the north of the Property, while Nelson Street is present to the east. Surrounding properties appear to be generally developed for residential purposes. The neighbouring property to the east of Nelson Street appears to be undeveloped, as are the properties approximately 200 m south of the Property. A railway and associated rail yard are present approximately 230 m south-southwest of the Phase One Property.

1958 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the immediately adjacent neighbouring properties. Redevelopment of the University of Ottawa campus is apparent approximately 130 m west and 200 m south of the Phase One Property, respectively. No other significant changes of land use were observed in the Phase One Study Area.

1965 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the immediately adjacent neighbouring properties. Increasing redevelopment of the University of Ottawa campus is apparent to the west and south of the Phase One Property. No other significant changes of land use were observed in the Phase One Study Area.

1976 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the immediately adjacent neighbouring properties to the north, south and east. The property to the east of Nelson Street, further east of the Property, appears to have been developed with the present-day community centre. Increasing redevelopment of the University of Ottawa campus is apparent to the northwest of the Phase One Property. No other significant changes of land use were observed in the Phase One Study Area.

1991 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

1999 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the neighbouring properties in the Phase One Study Area.

2008 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the immediately adjacent neighbouring properties. Construction activity is apparent approximately 60 m southeast of the Property.

2021 Aerial Photograph

No significant changes appear to have been made to the Phase One Property or to the immediately adjacent neighbouring properties. The former residential block 60 m to the southeast of the Site, between Henderson Ave and King Edward Ave, and Somerset East and Templeton has been redeveloped into University of Ottawa's Student Residence on Henderson and the Photonics Research Building on King Edward Ave.

The former railway and rail yard approximately 230 m south-southwest of the Phase One Property is associated with the PCA of "Rail Yards, Tracks and Spurs" (PCA #4). This former rail yard and railway is located a significant distance with respect to the Phase One Property and does not represent an APEC for the Property. No PCAs were identified at the Phase One Property or at any other neighbouring properties in the Phase One Study Area during the review of historical aerial photographs.

ii. Topography, Hydrology, Geology

The Ontario Ministry of Natural Resources and Forestry's (MNRF's) Topographic Map GIS website was used to produce a topographic map showing the location of the Phase One Property, nearby water bodies and the regional topography of the Phase One Study Area. A copy of the Topographic Map is provided in Appendix I. The regional topography in the Phase One Study Area is undulating but generally slopes downward to the southeast, toward the Rideau River. The topography on the Phase One Property slopes downward from northwest to southeast, with an approximate grade differential of 3 m across the Site. The Rideau River is located approximately 700 m east-northeast of the Phase One Property, while the Rideau Canal is present approximately 400 m southwest.

Information on the regional surficial soil was obtained from the Geological Survey of Canada map 1425A titled Surficial Materials and Terrain features Ottawa Hull. Based on a review of the map, the natural soil conditions in the Phase One Study Area consist of "Abandoned River Channel Deposits of stratified, buff to grey, medium to fine grained sand; unfossiliferous; commonly reworked into dunes".

Information on the regional bedrock was obtained from the Ontario Geological Survey Map P2716 titled 'Paleozoic Geology Ottawa Area'. Based on a review of the map, the Phase One Study Area is underlain by bedrock of the Carlsbad Formation, described as "interbedded dark grey shale, fossiliferous calcareous siltstone, and silty bioclastic limestone".

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from the concurrent geotechnical subsurface investigation at the Phase One Property were reviewed. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, followed by silty clay, which was underlain by silty sand and gravel (Glacial Till). The overburden soil is underlain by shale bedrock at depths ranging from 8 to 15 m BGS.

iii. Fill Materials

The Phase One Property was developed in 1914 with the existing residential buildings. It is suspected that grading during initial development resulted in the movement of on-Site and potentially also off-Site fill materials. There was evidence of non-native fill material observed during the subsurface drilling and sampling, completed as part of a concurrent geotechnical investigation. The presence of imported fill material is suspected at the Phase One Property

and is associated with O.Reg. 153/04 PCA: Importation of fill material of unknown quality, which represents PCA #1 and has been interpreted as APEC #1 for the Phase One Property.

iv. Water Bodies and Areas of Natural Significance & Ground Water Information

The closest significant water body to the Phase One Property is the Rideau River, located approximately 700 m east-northeast of the Phase One Property. The man-made Rideau Canal is present approximately 400 m southwest of the Property. There were no areas of natural and scientific interest (ANSIs or areas of natural significance) identified in the Phase One Study Area.

The Phase One Property and Study Area are not located in the vicinity of any well-head protection areas or other designation identified by the City of Ottawa in its official plan for the protection of ground water. The Phase One Study Area is serviced by municipally treated drinking water. No private or agricultural water supply wells are operating within the Phase One Study Area.

v. Well Records

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. No water wells were identified at the Phase One Property.

Based on the available well records, the general stratigraphy of the Phase One Study Area consists of sand and gravel fill, underlain by silty clay, underlain by sand and gravel, underlain by shale or limestone bedrock. The approximate depth to bedrock is expected to range from 8 to 15 m BGS, with a groundwater table at approximately 2 to 4 m BGS.

Well records and borehole logs, obtained from the MECP Water Well Records database, the subcontracted ERIS search and from historical investigations at the Phase One Property were reviewed. No historical water wells or groundwater monitoring wells were identified at the Phase One Property.

Monitoring well clusters (a total of 6 monitoring wells clusters) are located in the Phase One Study Area. Based on these records, the general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, underlain by silty clay, underlain by sand and gravel. The approximate depth to bedrock is expected to range from 10 to 12 m below ground surface (m BGS), with a groundwater table at approximately 2 to 3 m BGS.

Three historic potable water supply wells were identified in the Phase One Study Area during a review of the MECP Water Well Records database, however, these wells were drilled in the 1950s and were located at properties that have since been redeveloped. Additionally, the Phase One Study Area is provided with municipally treated non-potable water and as such it is not suspected that these wells remain in use.

d) Site Operating Records

The Phase One Property was first developed for residential purposes in 1914 and has been residential use since development. Any operating records that exist for the Property are limited to tenant occupancy and maintenance/repairs completed for the developed portions of the Property. None of the operating records are considered to represent PCAs for the Phase One Property.

5. Interviews

An interview was completed by email on March 30, 2023 with Mr. Barron Meyerhoffer, Director of Development for OCH. Mr. Meyerhoffer and/or members of OCH have been familiar with the Phase One Property since 2004 when the Property was transferred to OCH from the City of Ottawa. Mr. Meyerhoffer stated that the Property was developed for residential occupancy in the early 1900's and was not aware of any other historical developed use at the Property. Mr. Meyerhoffer stated that the buildings had been vacant for at least 2 years, as their condition is not suitable for occupancy due to various non-conformances with the Ontario Building Code.

Mr. Meyerhoffer was not aware of any spills or poor environmental management practices associated the Phase One Property or adjacent lands. Mr. Meyerhoffer stated that no fuels or chemicals, other than commercially available domestic cleaning chemicals, are stored at the Property. Mr. Meyerhoffer was not aware of the presence of historical heating oil storage tanks at the Property and stated that the residential buildings had been heated by natural gas fired equipment since OCH's ownership. Mr. Meyerhoffer was unaware of any environmental concerns with the neighbouring properties.

6. Site Reconnaissance

a) General Requirements

The Phase One Site Investigation was completed on April 6, 2023 between the hours of 4:00 PM and 6:00 PM. Weather conditions were sunny with an ambient air temperature of approximately -12 degrees Celsius. The Phase One Property was occupied by three multi-unit residential buildings at the time of the Site Investigation. The residential buildings were vacant at the time of the Site Investigation. The Site Investigation was completed by Mr. Luke Lopers, who is a registered Professional Engineer (Environmental) in the province of Ontario and a Qualified Person (QP) for Environmental Site Assessments, and has been conducting Phase I/One Environmental Site Assessments and environmental reconnaissance since 2006. Mr. Lopers was unaccompanied during the Site Investigation.

Photographs were taken of the exterior of the Phase One Property, documenting the condition of the Phase One Property, any potential environmental concerns, areas of disturbed soils and surrounding properties. A copy of the Photographic Log and written descriptions of the photos are provided in Appendix J.

b) Specific Observations at Phase One Property

The Phase One Property was developed with three multi-unit residential buildings at the time of the Site Investigation. The buildings are similar in construction style, and appear to have been built at the same time as foundation components appear to be shared.

The residential buildings are three-storey in height and had basement levels. Each of the buildings had 2 front entrances, however the two sides of the buildings had been connected on upper floors. There were between 14 and 16 residential units in each of the buildings, with 4 to 6 units present on each level. Mechanical and laundry rooms were present in the basement. Access to the building is on the north portion Phase One Property from Somerset Street East. The exterior of the buildings are finished with brick and have stone foundations. The buildings have sloped metal roofs and steel doors.

No sumps were observed on the interior of the building. Floor drains were observed in each of the laundry rooms on the basement floor of the building; these drains were clear and drain to the municipal sanitary sewer system.

There were no below ground structures other than the basements present on the Phase One Property at the time of the Site investigation.

No aboveground storage tanks (ASTs) or visual indications of the presence of underground storage tanks (USTs), such as vent and fill pipes or access hatches, were observed as part of the Site Investigation.

No potable water wells were observed at the Phase One Property during the Site Investigation. The Phase One Property is provided with potable water by the City of Ottawa through an underground connection from Finch Private to the west of the building.

Underground utility corridors for sanitary and storm sewers, potable water, private electricity and natural gas lines lead to the residential buildings, generally from Somerset Street East to the north of the building. Electrical services are supplied to the residential buildings through overhead service connections on the north portion of the Property.

The residential units throughout the buildings are heated by (6) natural gas fired furnaces, present in each of the mechanical rooms (2 per building); there were supplemental baseboard heaters observed in some of the units and mechanical spaces. There were no details regarding former heating and cooling systems, including historical fuel sources for buildings at the Phase One Property.

There were no significant cracks or stains on the concrete or finished floors of the residential units.

The building is connected to the City of Ottawa municipal sanitary sewer system. There were no septic tanks or leaching beds observed at the Phase One Property as part of the Site Investigation.

Approximately 70% of the Phase One Property is developed with the residential building. The remaining undeveloped area on the south portion of the Phase One Property is landscaped/vegetated. An asphalt pedestrian pathway is present to the south of the Site building, which is a shared easement with the neighbouring property to the south.

There were no current or former railway lines, tracks or spurs identified at the Phase One Property or in the Phase One Study Area as part of the Site Investigation.

No surficial staining was observed on the asphalt or landscaped surfaces of the Phase One Property during the Site Investigation. No stressed vegetation was observed. The presence of fill material was not apparent during the Site Investigation. It should be noted that the Phase One Property had partial snow cover at the time of the Site Investigation.

i. Enhanced Investigation Property

The Phase One Property is not currently operating for any industrial use or any of the following commercial uses: as a garage, as a bulk liquid dispensing facility, including a gasoline outlet, or for the operation of dry-cleaning equipment. The Phase One Property is hence not an enhanced investigation property.

c) Land Use Observations of the Phase One Study Area

Properties in the Phase One Study Area were reviewed from publicly accessible Rights-of-Way as part of the Site Investigation on April 6, 2023. Uses of these lands were noted and any potential presence of PCAs was also assessed. Neighbouring land uses were recorded as follows:

North: Somerset Street East followed by residential properties. A hydro substation was observed at 113 Henderson Avenue, approximately 110 m north-northwest of the Phase One Property.

East: Nelson Street followed by a Community Centre and parkland, followed by Sweetland Avenue and residential properties.

South: Residential properties, followed by Templeton Street, followed by residential properties and the University of Ottawa sports complex.

West: Residential properties, followed by Henderson Avenue, followed by residential properties (residences) and institutional buildings associated with the University of Ottawa, followed by King Edward Avenue, followed by the University of Ottawa Campus.

Neighbouring land uses are shown on Figure 3: Surrounding Land Use. Two PCAs were observed during the review of land use in the Phase One Study Area.

- A hydro substation was observed at 113 Henderson Avenue, approximately 110 m north-northwest of the Phase One Property. The hydro substation represents PCA #16, however, this operation is located a significant distance from the Phase One Property, so is not considered to represent an APEC for the Property.
- An AST was observed at the University of Ottawa Campus, approximately 190 m southwest of the Phase One Property, respectively. The AST represents PCA #7, however, this PCA is located a significant distance from the Phase One Property and is cross-gradient to the Property, so it not considered to represent an APEC for the Property.

The uses of neighbouring properties in the Phase One Study Area, as well as any observed and/or historically identified PCAs, are presented on Figure 3: Surrounding Land Use.

7. Review and Evaluation of Information

a) Current and Past Land Use

The current and past land use of the Phase One Property, dating back to the first developed use, is provided in Table 5 below.

Table 5: Current and Past Land Use

Year	Name of Owner	Description of Property Use	Property Use	Other observations from historical sources
Prior to 1914	Unknown	Property is undeveloped	Agricultural or other use	No developed use shown on 1912 Fire Insurance Plans. Property not listed in 1910, 1912, 1913 City of Ottawa Street Directories.
1914 – 1983	Unknown	Property developed with present-day residential buildings.	Residential Use	Property listed in the 1914 through 2000 City of Ottawa Street Directories for residential use. Aerial photographs from 1928 through 2021 show the Property developed with the present-day residential buildings. Confirmed through the 2023 Site Investigation.
September 2, 1983 to May 3, 2004	The City of Ottawa Non-Profit Housing Corporation			
May 3, 2004 to Present	Ottawa Community Housing Corporation			

b) Potentially Contaminating Activity

One Potentially Contaminating Activity was identified at the Phase One Property and is summarized in Table 6 below.

Table 6: Potentially Contaminating Activities at the Phase One Property

PCA Report Reference No.	Potentially Contaminating Activity	Location
PCA #1	Fill Material (O.Reg. 153/04 PCA Item 10: Importation of Fill Material of Unknown Quality)	South portion of the Phase One Property

Additionally, 15 PCAs were identified at neighbouring properties in the Phase One Study Area and are summarized in Table 7 below.

Table 7: Potentially Contaminating Activities in the Phase One Study Area

PCA Report Reference No.	Potentially Contaminating Activity	Location
PCA #2	Former Dry Cleaners (O.Reg. 153/04 PCA Item 37: Operation of Dry Cleaning Equipment (where chemicals are used))	616 & 620-622 King Edward Avenue – approximately 240 m northwest of the Phase One Property
PCA #3	Former Wood Yard (Lumber Storage) (O.Reg. 153/04 PCA Item 8: Chemical Manufacturing, Processing and Bulk Storage)	458-460 Nelson Street (Current Addresses) – 50 m south of the Phase One Property
PCA #4	Former Ottawa & New York Railway and Rail Yard (O.Reg. 153/04 PCA Item 46: Rail Yards, Tracks and Spurs)	770 King Edward Avenue (Current Address) – approximately 230 m southwest of the Phase One Property
PCA #5	Former Coal Yard (O.Reg. 153/04 PCA Item 8: Chemical Manufacturing, Processing and Bulk Storage)	770 King Edward Avenue (Current Address) – approximately 230 m southwest of the Phase One Property
PCA #6	Fuel spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	Intersection of King Edward Avenue and Somerset Street East – approximately 110 m west of the Phase One Property
PCA #7	Current heating oil AST, historic heating oil UST and associated spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	141 Louis Pasteur Private – approximately 190 m southwest of the Phase One Property
PCA #8	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	Private Residence on Nelson St/Templeton St – Approximately 150 m south of the Phase One Property
PCA #9	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	120 Osgoode Street – Approximately 190 m north of the Phase One Property

PCA Report Reference No.	Potentially Contaminating Activity	Location
PCA #10	Suspected fuel (heating oil) storage tank, reported heating oil spill (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	122 Osgoode Street – Approximately 45 m west of the Phase One Property
PCA #11	Community Centre with heating oil UST (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	250 Somerset St East – Approximately 20 m east of the Phase One Property
PCA #12	Residence with suspected fuel storage (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	255 Henderson Avenue – Approximately 150 m south of the Phase One Property
PCA #13	Former Landfill (Henderson & King Edward) (O.Reg. 153/04 PCA Item 58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners)	Southeast of the King Edward Avenue and Templeton Street Intersection – Approximately 200 m south-southwest of the Phase One Property
PCA #14	Private UST (O.Reg. 153/04 PCA Item 28: Gasoline and Associated Products Storage in Fixed Tanks)	393 Nelson Street – Approximately 160 m north of the Phase One Property
PCA #15	Former Dry Cleaners (O.Reg. 153/04 PCA Item 37: Operation of Dry Cleaning Equipment (where chemicals are used))	82 Henderson Avenue / 124 Osgoode Street – Approximately 240 m northwest of the Phase One Property
PCA #16	Hydro Ottawa Substation (O.Reg. 153/04 PCA Item 18: and Electricity Generation, Transformation and Power Stations)	113 Henderson Avenue – Approximately 110 m north of the Phase One Property

c) Areas of Potential Environmental Concern

There was evidence of non-native fill material observed during the subsurface drilling and sampling, completed as part of a concurrent Limited Environmental Soil & Groundwater Assessment and geotechnical investigation. The presence of imported fill material is suspected at the Phase One Property and is associated with O.Reg. 153/04 PCA: Importation of fill material of unknown quality, which represents PCA #1 and has been interpreted as APEC #1 for the Phase One Property. This PCA #1 has resulted in soil with contaminant concentrations in excess of the MECP Table 3 Standards at the Site, as demonstrated in the LESGA. A Phase Two ESA in accordance with O.Reg. 153/04 is recommended for the Phase One Property.

Based on the location and orientation of the PCAs identified at neighbouring properties in the Phase One Study Area, they are not considered to represent APECs for the Phase One Property. It should be noted that a detectable concentration of PCE was reported in the groundwater monitoring well installed as part of the LESGA; it is recommended that future groundwater sampling and analysis include VOCs as part of the Phase Two ESA.

d) Phase One Conceptual Site Model

Three Figures are provided to visually depict the Conceptual Site Model. Figure 1: Key Plan shows the location of the Phase One Property within the City of Ottawa. Figure 2: Site Plan depicts current use and structures at the Phase One Property. Figure 3: Surrounding Land Use shows the current uses of properties in the Phase One Study Area, and the location of PCAs.

The Phase One Property is located at Civic address Nos. 214, 216, 218, 220, 222 and 224 Somerset Street East, Ottawa, Ontario and has an approximate area of 536 m² (0.05 Hectares).

The Phase One Property was undeveloped prior to 1912 when construction of the present-day residential buildings was completed circa 1914 on the north portion of the Phase One Property. The remaining undeveloped area on the south portion of the Phase One Property is landscaped/vegetated. An asphalt pedestrian pathway is present to the south of the Site building, which is a shared easement with the neighbouring property to the south.

The Property is currently used for residential purposes (although it is currently unoccupied) and is zoned for residential use. The Phase One Property was transferred to Ottawa Community Housing Corporation (OCH) in 2004. It is understood that the intended future use is for residential purposes. The Phase One Property is immediately surrounded by residential properties to the south and west, by Nelson Street following by Community/Parkland to the east and by Somerset Street East followed by residential properties to the north.

The Phase One Study Area includes the Phase One Property and properties with the boundaries within 250 m of the Phase One Property limits. Based on a review of the Phase One Property and properties in the Phase One Study Area, their associated historical and/or current uses and operations and physical characteristics of the Phase One Study Area, it was determined that an assessment of properties within 250 m of the Phase One property was sufficient to meet the objectives of the scope of this investigation for a Phase One ESA.

No water bodies or areas of natural significance are located at the Phase One Property or in the Phase One Study Area. No drinking water wells are located at the Phase One Property and the Phase One Study Area is serviced by municipally treated non-potable water.

The regional topography in the Phase One Study Area is undulating but generally slopes downward to the southeast, toward the Rideau River. The topography on the Phase One Property slopes downward from northwest to southeast, with an approximate grade differential of 3 m across the Site. The Rideau River is located approximately 700 m east-northeast of the Phase One Property, while the Rideau Canal is present approximately 400 m southwest.

Based on the historical research and a concurrent geotechnical drilling investigation, general stratigraphy of the Phase One Property and Phase One Study Area consists of sand and gravel fill, followed by silty clay, which was underlain by silty sand and gravel (Glacial Till). The overburden soil is underlain by shale bedrock at depths ranging from 8 to 15 m BGS. Groundwater is expected at a depth of approximately 2 to 4 m BGS and flow in a predominantly

east-southeast direction; however, local groundwater flow is expected to be influenced by local and regional topography.

There was evidence of non-native fill material observed during the subsurface drilling and sampling, completed as part of a concurrent Limited Environmental Soil & Groundwater Assessment and geotechnical investigation. The presence of imported fill material is suspected at the Phase One Property and is associated with O.Reg. 153/04 PCA: Importation of fill material of unknown quality, which represents PCA #1 and has been interpreted as APEC #1 for the Phase One Property. This PCA #1 has resulted in soil with contaminant concentrations in excess of the MECP Table 3 Standards at the Site, as demonstrated in the LESGA.

A Phase Two ESA in accordance with O.Reg. 153/04 is recommended for the Phase One Property.

Based on the location and orientation of the 15 PCAs identified at neighbouring properties in the Phase One Study Area, they are not considered to represent APECs for the Phase One Property. It should be noted that a detectable concentration of PCE was reported in the groundwater monitoring well installed as part of the LESGA; it is recommended that future groundwater sampling and analysis include VOCs as part of the Phase Two ESA.

Underground utility service trenches are present at the Phase One Property. The existing underground utility corridors have the potential to affect contaminant distribution and transport at the Phase One Property.

Any uncertainty or absence of information obtained in the components of this Phase One ESA are not expected to affect the validity of the conceptual site model.

8. Conclusions

i. Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

There was evidence of non-native fill material observed during the subsurface drilling and sampling, completed as part of a concurrent Limited Environmental Soil & Groundwater Assessment and geotechnical investigation. The presence of imported fill material is suspected at the Phase One Property and is associated with O.Reg. 153/04 PCA: Importation of fill material of unknown quality, which represents PCA #1 and has been interpreted as APEC #1 for the Phase One Property. This PCA #1 has resulted in soil with contaminant concentrations in excess of the MECP Table 3 Standards at the Site, as demonstrated in the LESGA.

A Phase Two ESA in accordance with O.Reg. 153/04 was recommended for the Phase One Property.

Based on the location and orientation of the 15 PCAs identified at neighbouring properties in the Phase One Study Area, they are not considered to represent APECs for the Phase One Property. It should be noted that a detectable concentration of PCE was reported in the groundwater monitoring well installed as part of the LESGA; it is recommended that future groundwater sampling and analysis include VOCs as part of the Phase Two ESA.

ii. Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that there were APECs identified at the Phase One Property, a Phase Two Environmental Site Assessment is required before a record of site condition (RSC) may be submitted with respect to all or part of the Phase One Property.


It should be noted that the Phase One Property does not require an RSC, as the proposed redevelopment concept does not represent a more stringent land use.

iii. Signatures


The Qualified Person for this study is Mr. Luke Lopers, P. Eng. Mr. Lopers is a Professional Engineer registered in Ontario since 2012 and has been working on environmental site assessments since 2006. Mr. Lopers has been an author, project manager and/or peer reviewer for hundreds of Phase One ESAs and Phase Two ESAs as well as previously filed RSCs


The reviewer for this study is Mr. Don Plenderleith, P.Eng. Mr. Plenderleith is a Professional Engineer registered in Ontario since 1994 and has authored and/or reviewed hundreds of Phase One and Two ESAs in Ontario and the rest of Canada. The qualifications of the assessor/Qualified Person and reviewer are included in Appendix K.

Sincerely,



Luke Lopers, P.Eng., QP_{ESA}





Don Plenderleith, P.Eng., QP_{ESA}

iv. Limitations

The findings and conclusions of this Phase One ESA are based on the information provided and/or reviewed as part of this study.

This Phase One ESA has been completed with the standard of care generally expected in the industry for a study of this nature.

This Phase One ESA has been prepared for the sole use of Ottawa Community Housing Corporation for the purposes of a due diligence assessment of the potential liabilities which may exist at the Phase One Property. No other party is permitted to rely on the conclusions or findings of this report without the written consent of Lopers & Associates and Ottawa Community Housing Corporation.

There were no portions of the Phase One Property which were inaccessible, or components of this ESA where insufficient information was available to complete the interpretation.

Changes to the physical setting of the Phase One Property, Phase One Study Area and applicable regulations governing Phase One Environmental Site Assessments have the potential to influence the validity of the conclusions and opinions presented in this Phase One ESA.

9. References

City of Ottawa, geoOttawa GIS mapping tool, Visited January through June, 2023.

<http://maps.ottawa.ca/geoottawa/>

City of Ottawa, Development Applications website, Visited March 8, 2023.

<http://ottwatch.ca/devapps?since=999>

Google Earth, Visited March through April, 2023.

Redevelopment Concept, CVS Architects, February 3, 2023.

National Pollutant Release Inventory – Environmental Climate Change Canada online website, visited May 14, 2023. <https://www.canada.ca/en/services/environment/pollution-waste-management/national-pollutant-release-inventory.html>

"Ontario Inventory of PCB Storage Sites", Ministry of Environment and Energy, dated January 1993.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Waste Disposal Site Inventory", produced by the Ontario Ministry of the Environment, dated June 1991.

"Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, Volume II", produced by Intera Technologies Ltd. For the Ontario Ministry of the Environment, dated July 1988.

"Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario", produced by Golder Associates Ltd., Dated October 2004.

Ministry of Environment, Conservation and Parks, Environmental Site Registry website, Visited May 14, 2023. [Search Record of Site Condition \(gov.on.ca\)](https://www.gov.on.ca/en/ece/esr/search-record-of-site-condition)

Ministry of Natural Resources and Forestry, Ontario GeoHub website, Visited April 5, 2023.

https://geohub.lio.gov.on.ca/datasets/b88037cdb71e4daf9445afa6fb999194_3?geometry=-75.706%2C45.443%2C-75.543%2C45.464

Ministry of Natural Resources and Forestry, Make a Topographic Map website, Visited April 5, 2023.

https://www.gisapplication.lrc.gov.on.ca/matm/Index.html?site=Make_A_Topographic_Map&viewer=MATM&locale=en-US

Ministry of Environment, Conservation and Parks, Water Well Records database website, Visited June 19, 2023. <https://www.ontario.ca/environment-and-energy/map-well-records>

10. Appendices

Appendix A – Topographical Plan of Survey

Appendix B – Proposed Redevelopment Concept Plan

Appendix C – Property Ownership Details

Appendix D – Environmental Risk Information Systems (ERIS) database Search

Appendix E – Ministry of Environment, Conservation and Parks Freedom of Information (FOI)

Appendix F – Technical Standards and Safety Association Correspondence

Appendix G – City of Ottawa Historic Land Use Inventory (HLUI)

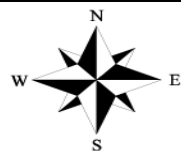
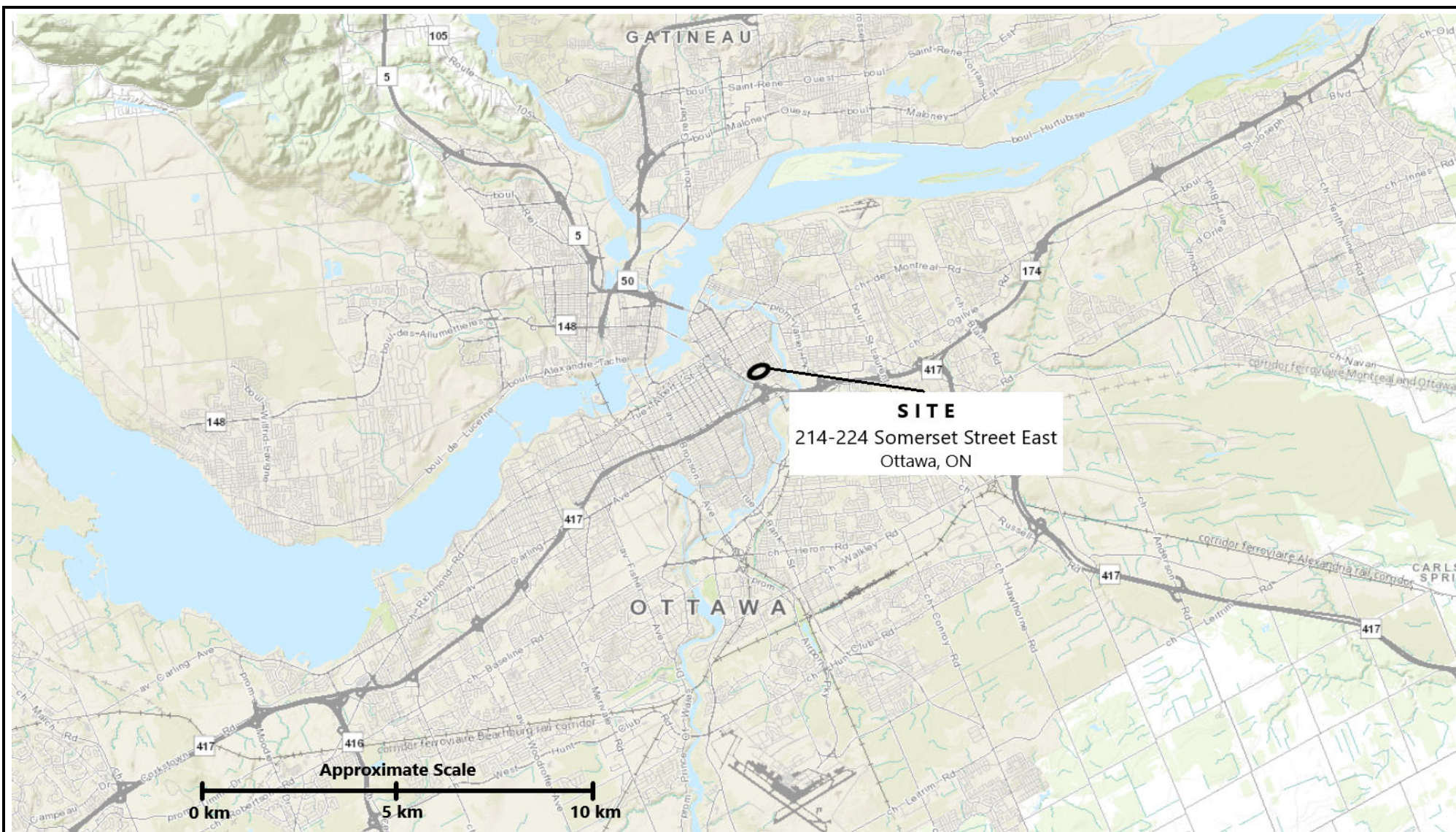
Appendix H – Aerial Photographs

Appendix I – Topographic Map

Appendix J – Photographic Log

Appendix K – Qualifications of Assessors

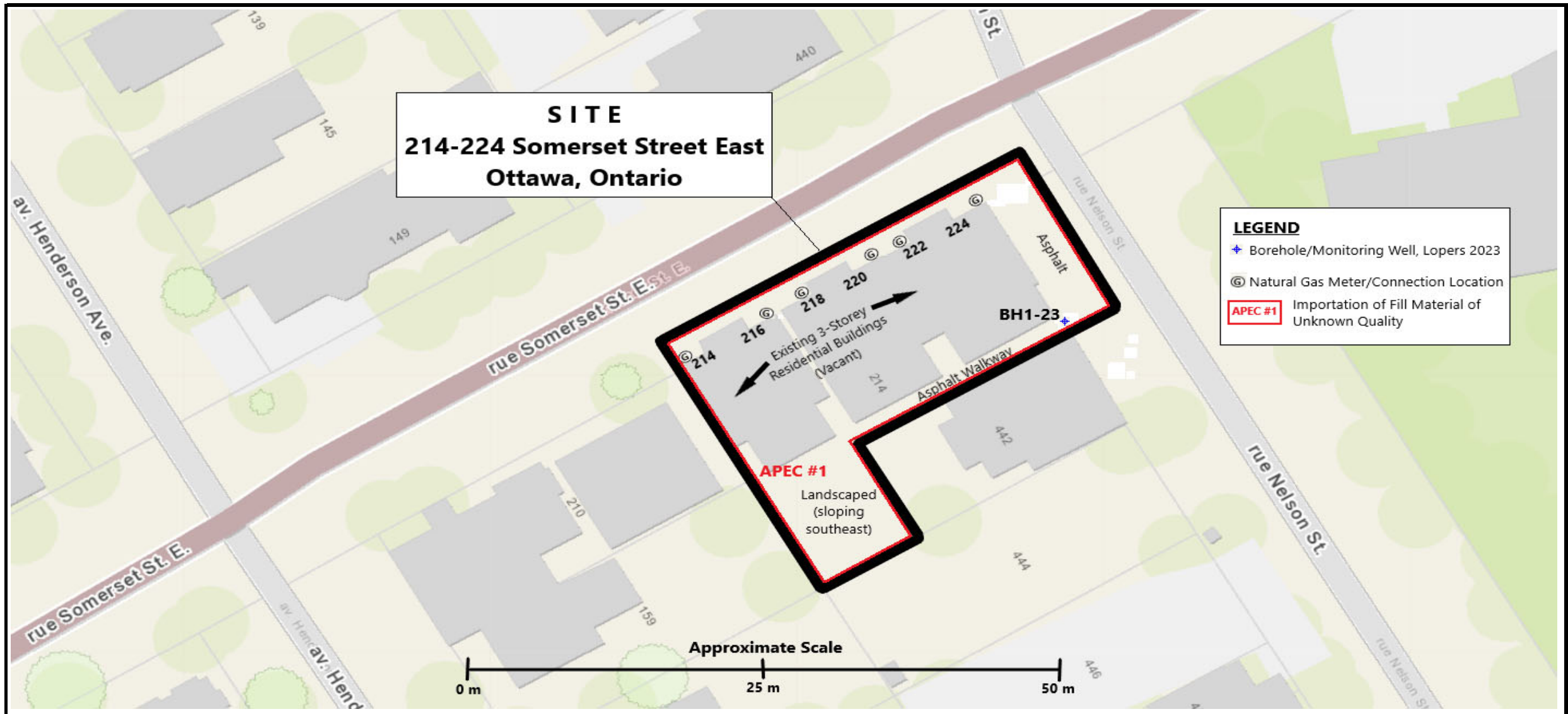
Figures



LOPERS & ASSOCIATES

Figure 1: Key Plan
Phase One Environmental Site Assessment
214-224 Somerset Street East, Ottawa, Ontario
Ottawa Community Housing Corporation

Project Reference No: LOP23-025B
Drawing No.: LOP23-025B-1
Date: April 12, 2023
Author: L. Lopers
Source: geoOttawa

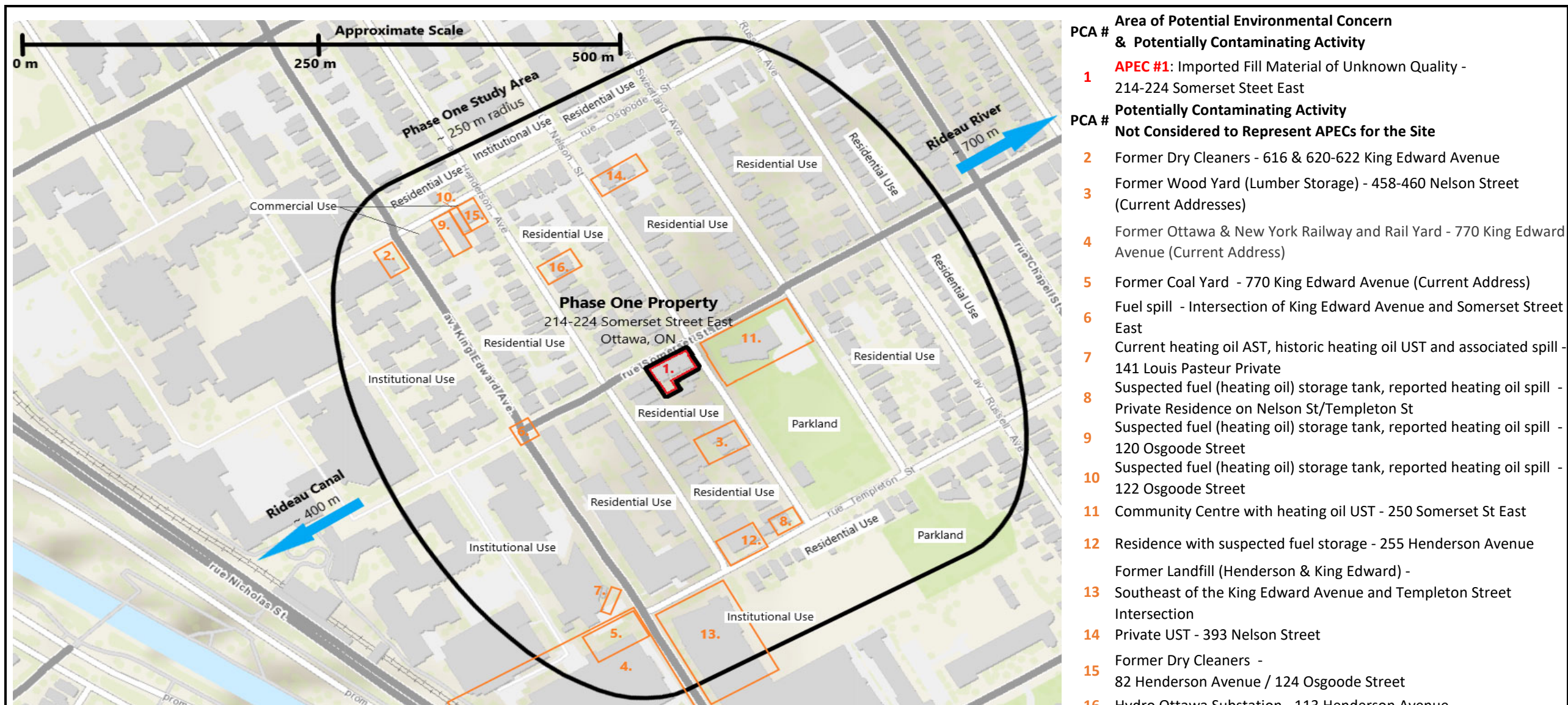


LOPERS & ASSOCIATES

Figure 2: Site Plan

Phase One Environmental Site Assessment
214-224 Somerset Street East, Ottawa, Ontario
Ottawa Community Housing Corporation

Project Reference No:	LOP23-025B
Drawing No.:	LOP23-025B-2
Date:	April 12, 2023
Author:	L. Lopers
Source:	geoOttawa



LOPERS & ASSOCIATES

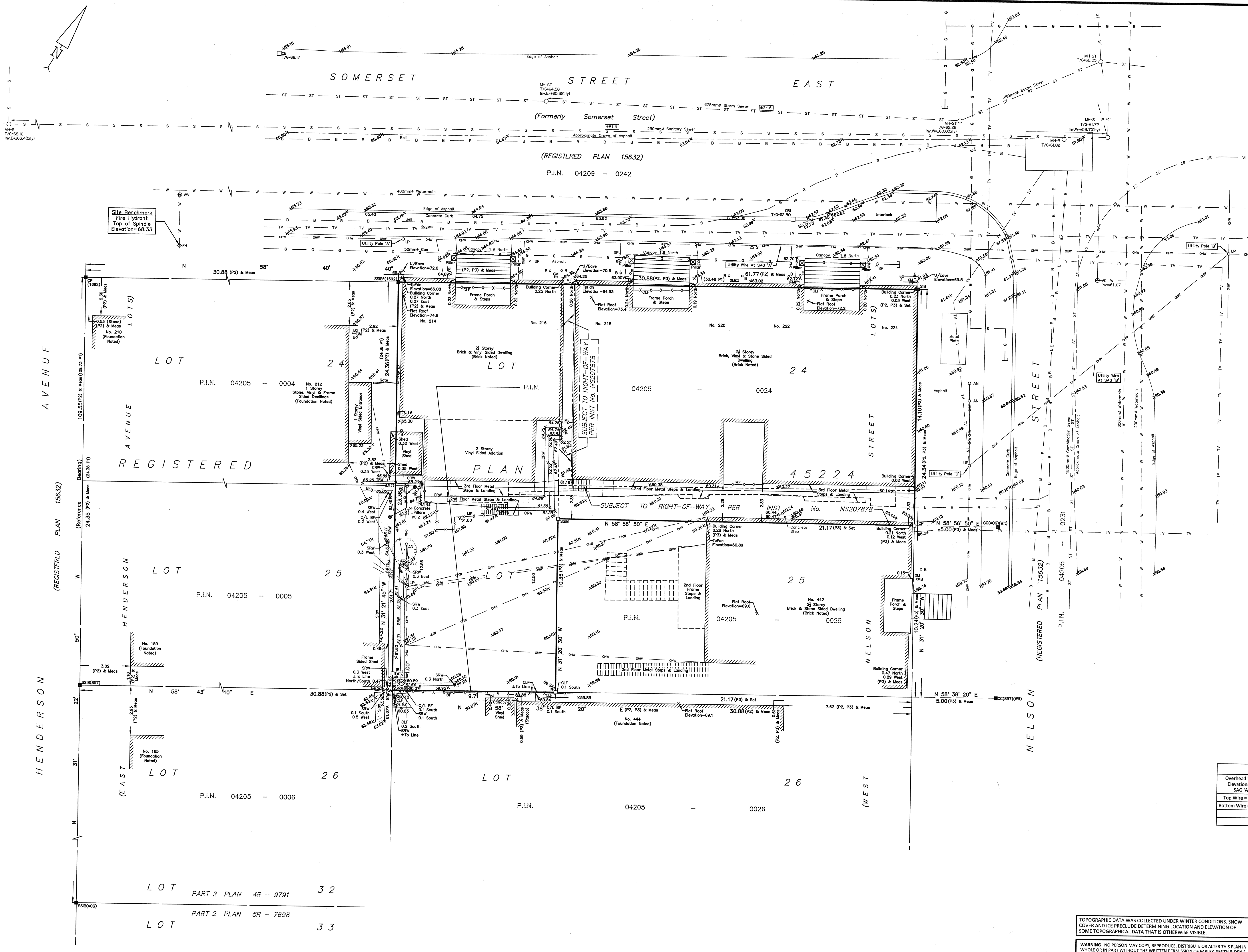
Figure 3: Surrounding Land Use

Phase One Environmental Site Assessment
214-224 Somerset Street East, Ottawa, Ontario
Ottawa Community Housing Corporation

Project Reference No: LOP23-025B
Drawing No.: LOP23-025B-3
Date: April 16, 2023
Author: L. Lopers
Source: geoOttawa

Appendix A

Topographical Plan of Survey



TOPOGRAPHIC PLAN OF SURVEY OF
LOT 24 AND PART OF LOT 25
(WEST NELSON STREET)
REGISTERED PLAN 45224
CITY OF OTTAWA
FARLEY, SMITH & DENIS SURVEYING LTD. 2023

Scale 1: 100
0 2.5 5 7.5 10 metres

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

Distance Note
Distances shown on this plan are ground distances and can be converted to grid distances by multiplying by the combined scale factor of 0.99995.

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

For bearing comparisons, a rotation of 0°35'30" counter-clockwise was applied to bearings on P3.

Elevation Notes
1. Elevations shown are geodetic and are referred to Geodetic Datum CGVD-1928 :1978. (Monument No. 197534238)
2. It is the responsibility of the user of this information to verify that the job benchmark has not been altered or disturbed and that it's relative elevation and description agrees with the information shown on this drawing.

Utility Notes
1. This drawing cannot be accepted as acknowledging all of the utilities and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
2. Only visible surface utilities were located.
3. Underground utility data derived from City of Ottawa utility sheet reference: E-14-18, E-14-19, 2527p&p1, 8789p&p2, 8789p&p3, 15099p&p105 & 15099p&p104.
4. Sanitary and storm sewer grades and inverts were compiled from: Field measurement & City of Ottawa Utility Sheets.
5. A field location of underground plant by the pertinent utility authority is mandatory before any work involving breaking ground, probing, excavating etc.

- Notes & Legend**
- Denotes Survey Monument Planted
 - SIB Standard Iron Bar
 - SSIB Short Standard Iron Bar
 - IB Iron Bar
 - CC Cut Cross
 - CP Concrete Pin
 - Wit Witness
 - Meas Measured
 - (P1) Registered Plan 45224
 - (P2) Plan by (1692) dated August 17, 2022 (File No. 360-22)
 - (P3) Plan (AOS) dated April 13, 2017 (Job No. 19328-17)
 - MH-ST Maintenance Hole (Storm)
 - MH-S Maintenance Hole (Sanitary)
 - MH-B Maintenance Hole (Bell)
 - VC Valve Chamber (Watermain)
 - ST Underground Storm Sewer
 - S Underground Sanitary Sewer
 - W Underground Water
 - G Underground Gas
 - OW Underground Oil
 - UP Overhead Pole
 - AN Anchor
 - CB Catch Basin
 - CH Catch Basin Inlet
 - FH Fire Hydrant
 - WV Water Valve
 - SP Water Stand Post
 - S Sign
 - GM Gas Meter
 - B Bollard
 - CLF Chain Link Fence
 - BF Board Fence
 - MF Metal Fence
 - CRW Concrete Retaining Wall
 - SRW Stone Retaining Wall
 - TRW Timber Retaining Wall
 - Inv Invert
 - Inv(City) Invert From City of Ottawa Utility Sheets
 - T/G Top of Grate
 - U/Eave Underside of Eave
 - Top of Foundation
 - CL/L Centreline
 - +65.00 Location of Elevations
 - +65.00 Top of Concrete Curb/Retaining Wall Elevation
 - Property Line
 - Deciduous Tree - The Symbol shown denotes location and trunk diameter only. Size of its' root system/overhead canopy may be smaller/larger than the symbol size depicted on this plan.

Site Area=533.8 sq.m.

Overhead Wire Information				
Overhead Wire Elevations at SAG 'A'	Overhead Wire Elevations at SAG 'B'	Overhead Wire Elevations at Utility Pole A	Overhead Wire Elevations at Utility Pole B	Overhead Wire Elevations at Utility Pole C
Top Wire = 75.4	Top Wire = 71.9	Top Wire = 80.2	Top Wire = 74.2 (West)	Top Wire = 71.6
Bottom Wire = 68.5	Bottom Wire = 69.0	Bottom Wire = 70.2	Bottom Wire = 66.8 (West)	Bottom Wire = 69.3
			Top Wire = 73.5 (South)	Bottom Wire = 69.3
			Bottom Wire = 70.1 (South)	

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 under them.
2. The survey was completed on the 9th day of January, 2023.

Jan 16/2023
Date

Emad Alrefaai
Ontario Land Surveyor

This plan of survey relates to AOLS Plan Submission Form Number V-43275
FARLEY, SMITH & DENIS SURVEYING LTD.

ONTARIO LAND SURVEYORS
CANADA LAND SURVEYORS

Unit 275, 30 COLONNADE ROAD, OTTAWA, ONTARIO K2E 7J6
TEL: (613) 727-8225 E-mail: fdsurveys@bellnet.ca

TOPOGRAPHIC DATA WAS COLLECTED UNDER WINTER CONDITIONS. SNOW COVER AND ICE PRECLUDE DETERMINING LOCATION AND ELEVATION OF SOME TOPOGRAPHICAL DATA THAT IS OTHERWISE VISIBLE.

WARNING: NO PERSON MAY COPY, REPRODUCE, DISTRIBUTE OR ALTER THIS PLAN IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF FARLEY, SMITH & DENIS SURVEYING LTD. © FARLEY, SMITH & DENIS SURVEYING LTD., 2023.

Appendix B

Proposed Design Concept Plan

OCH SOMERSET ST. E

214 SOMERSET ST. E, OTTAWA, ON.

ISSUED FOR RHI 3: 2023-02-03

- A000 COVER PAGE
- A003 TYPICAL BARRIER FREE DETAILS
- A100 SITE PLAN
- A004 CODE MATRIX
- A010 EXTERIOR WALL ASSEMBLIES
- A011 FLOOR AND ROOF ASSEMBLIES
- A012 PARTITION ASSEMBLIES
- A201 LEVEL 00 PLAN
- A202 LEVEL 01 PLAN
- A203 LEVEL 02 PLAN
- A204 LEVEL 03 PLAN
- A205 LEVEL 04 PLAN
- A206 ROOF PLAN
- A301 EXTERIOR ELEVATIONS
- A400 BUILDING SECTIONS
- A640 SUITE DETAIL PLANS
- A650 MILLWORK DETAILS
- A700 DOOR SCHEDULE
- A710 WINDOW SCHEDULE



LOCATION PLAN
1:100

CSV ARCHITECTS

sustainable design · conception écologique

613.564.8118
www.csv.ca

190 O Connor Street, Suite 100
Ottawa, Ontario, K2P 2R3

STRUCTURAL ENGINEER

name
address
phone
email

MECHANICAL ENGINEER

name
address
phone
email

ELECTRICAL ENGINEER

name
address
phone
email

LANDSCAPE ARCHITECT

name
address
phone
email

STAMP

1 2023-02-03 ISSUED FOR RHI 3
REV DATE ISSUE

NOTES

1. OWNERSHIP OF THE COPYRIGHT OF THE DESIGN AND THE WORKS EXECUTED FROM THE DESIGN REMAINS WITH CSV ARCHITECTS, AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF CSV ARCHITECTS.
2. THE DRAWINGS, PRESENTATIONS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF CSV ARCHITECTS. THEY ARE NOT TO BE USED BY THE CLIENT ON OTHER PROJECTS OR ON EXTENSIONS TO THIS PROJECT WITHOUT THE WRITTEN CONSENT OF CSV ARCHITECTS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS AND SPECIFICATIONS.
4. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY DIMENSIONS ON SITE.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND ALL SUPPLEMENTS AND APPLICABLE MUNICIPAL REGULATIONS.

CLIENT

OTTAWA
ONTARIO, CANADA

PROJECT

OCH SOMERSET ST. E

214 SOMERSET ST. E, OTTAWA,
ON.

TITLE

COVER PAGE

PROJECT NO: 2022 - 2470
DRAWN: DF
APPROVED: AL, JS
SCALE: 1 : 100
DATE PRINTED: 2023-02-03 2:17:40 PM

REV DRAWING NO.

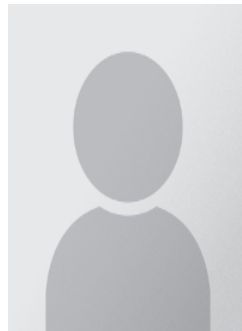
1 A000

Appendix C

Property Ownership Details

Address Not Available

PIN 042050024

Report title

This report was prepared by:

Barron Meyerhoffer
Director of Developmentbarron_meyerhoffer@och.ca
www.och-lco.ca**Ottawa Community Housing**

39 Auriga Drive

Ottawa, Ontario, Canada, K2E 7Y8

Office: 613-850-1276

Fax: 613-731-6486

**PROPERTY
REPORT**

Property Details

GeoWarehouse Address:

Not Available

PIN: 042050024

Land Registry Office: OTTAWA-CARLETON (04)

Land Registry Status: Active

Registration Type: Certified (Land Titles)

Ownership Type: Freehold



Ownership

Owner Name:

OTTAWA COMMUNITY HOUSING CORPORATION/LA SOCIETE DE LOGEMENT COMMUNAUTAIRE D'OTTAWA

Legal Description

LT 24 & PT LT 25, PL 45224 , W/S NELSON ST, AS IN NS207878, S/T NS207878 ; OTTAWA/NEPEAN

Lot Size

Area: 5747.92 sq.ft

Perimeter: 360.89 ft.

Measurements: 101.2ft. x 79.9ft. x 31.86ft. x 33.88ft. x 69.21ft. x 46.44ft.

Lot Measurement Accuracy : LOW

These lot boundaries may have been adjusted to fit within the overall parcel fabric and should only be considered to be estimates.



Sales History

Sale Date	Sale Amount	Type	Party To	Notes
May 03, 2004	\$1	Transfer	OTTAWA COMMUNITY HOUSING CORPORATION/LA SOCIETE DE LOGEMENT COMMUNAUTAIRE D'OTTAWA;	See Notes 1
Sep 02, 1983	\$1	Transfer	CITY OF OTTAWA NON-PROFIT HOUSING CORPORATION;	

Notes :

1. The following Pins were transferred together with the subject Property

042130010, 042180271, 042130011, 042300273, 041620096, 041460050, 041040158, 042140059, 042070702, 040960072, 040590122, 041510057, 042130137, 155760004, 155760003, 155760002, 155760001, 155760029, 155760028, 041090247, 155760027, 041140258, 042130063, 155760033, 155760032, 155760010, 155760031, 155760030, 042140128, 042130009, 042070115, 155760036, 155760035, 042130008, 042740101, 155760034, 042130320, 042130002, 042130003, 047370272, 042130004

Terms and Conditions

Reports Not the Official Record. Reports, other than the Parcel Register, obtained through Geowarehouse are not the official government record and will not necessarily reflect the current status of interests in land.

Currency of Information. Data contained in the Geowarehouse reports are not maintained real-time. Data contained in reports, other than the Parcel Register, may be out of date ten business days or more from data contained in POLARIS.

Coverage. Data, information and other products and services accessed through the Land Registry Information Services are limited to land registry offices in the areas identified on the coverage map.

Completeness of the Sales History Report. Some Sales History Reports may be incomplete due to the amount of data collected during POLARIS title automation. Subject properties may also show nominal consideration or sales price (e.g. \$2) in cases such as transfers between spouses or in tax exempt transfers.

Demographic Information. Demographic Information is obtained from Environics Analytics. Environics Analytics acquires and distributes Statistics Canada files in accordance with the Government of Canada's Open Data Policy. No information on any individual or household was made available to Environics Analytics by Statistics Canada. PRIZM and selected PRIZMC2 nicknames are registered trademarks of The Nielsen Company (U.S.) and are used with permission.

The Property Information Services, reports and information are provided "as is" and your use is subject to the applicable Legal Terms and Conditions. Some information obtained from the Land Registry Information Services is not the official government record and will not reflect the current status of interests in land. Use of personal information contained herein shall relate directly to the purpose for which the data appears in land registry records and is subject to all applicable privacy legislation in respect of personal information. Such information shall not be used for marketing to a named individual.

Parcel Mapping shown on the site was compiled using plans and documents recorded in the Land Registry System and has been prepared for property indexing purposes only. It is not a Plan of Survey. For actual dimensions of property boundaries, see recorded plans and documents.

Appendix D

Environmental Risk Information Systems (ERIS) database Search



DATABASE REPORT

Project Property:	<i>Phase One Environmental Site Assessment 214-224 Somerset Street East Ottawa ON K1N 6V3</i>
Project No:	
Report Type:	<i>Standard Report</i>
Order No:	<i>23030800484</i>
Requested by:	<i>Lopers & Associates</i>
Date Completed:	<i>March 9, 2023</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	20
Map.....	37
Aerial.....	38
Topographic Map.....	39
Detail Report.....	40
Unplottable Summary.....	143
Unplottable Report.....	145
Appendix: Database Descriptions.....	154
Definitions.....	163

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: *Phase One Environmental Site Assessment
214-224 Somerset Street East Ottawa ON K1N 6V3*

Project No:

Coordinates:

Latitude: 45.4226836
Longitude: -75.6785461
UTM Northing: 5,030,130.85
UTM Easting: 446,914.87
UTM Zone: 18T

Elevation: 217 FT
66.24 M

Order Information:

Order No: 23030800484
Date Requested: March 8, 2023
Requested by: Lopers & Associates
Report Type: Standard Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	5	5
CA	Certificates of Approval	Y	0	21	21
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	1	1
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	2	2
ECA	Environmental Compliance Approval	Y	0	16	16
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	44	44
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	30	30
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	1	1
HINC	TSSA Historic Incidents	Y	0	2	2
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	3	3
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	8	8
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	8	8
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	11	11
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	1	1
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	9	9
		Total:	0	163	163

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>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	CA	R.M. OF OTTAWA-CARLETON	SOMERSET ST./NELSON ST. OTTAWA CITY ON	NE/18.5	0.22	<u>40</u>
<u>2</u>	SPL		442 Nelson Street Ottawa ON	SE/22.8	0.00	<u>40</u>
<u>2</u>	SPL	Enbridge Gas Distribution Inc.	442 Nelson Street Ottawa ON	SE/22.8	0.00	<u>40</u>
<u>2</u>	PINC	ENBRIDGE GAS INC	442 NELSON ST.,OTTAWA,ON,K1N 7S8, CA ON	SE/22.8	0.00	<u>41</u>
<u>3</u>	EHS		255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE/37.5	-1.85	<u>41</u>
<u>3</u>	EHS		255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE/37.5	-1.85	<u>42</u>
<u>3</u>	EHS		255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE/37.5	-1.85	<u>42</u>
<u>4</u>	ECA	8550107 Canada Inc.	149 Henderson Ave Ottawa ON K1N 7S8	W/38.8	2.99	<u>42</u>
<u>4</u>	PINC	M&M CONCRETE PUMPING	149 HENDERSON AVE.,OTTAWA,ON,K1N 7P5,CA ON	W/38.8	2.99	<u>42</u>
<u>5</u>	EHS		149 Henderson Ave Ottawa ON K1N7P5	W/43.4	2.99	<u>43</u>
<u>6</u>	PINC	PIPELINE HIT - 1/2"	139 HENDERSON AVE.,OTTAWA,ON,K1N 7P5,CA ON	WNW/46.3	3.85	<u>43</u>
<u>7</u>	EHS		173 Henderson Ave Ottawa ON K1N7P7	S/69.2	-2.03	<u>44</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	EHS		250 Somerset Street East Ottawa ON K1N 6V6	E/72.3	-5.74	<u>44</u>
<u>8</u>	CA	City of Ottawa	250 Somerset St E Ottawa ON K1N 6V6	E/72.3	-5.74	<u>44</u>
<u>8</u>	HINC		250 SOMERSET STREET EAST OTTAWA ON K1N 6V6	E/72.3	-5.74	<u>44</u>
<u>8</u>	ECA	City of Ottawa	250 Somerset St E Ottawa ON K2G 6J8	E/72.3	-5.74	<u>45</u>
<u>8</u>	GEN	Elevation Elevators	250 Somerset Street East Ottawa ON K1N 6V6	E/72.3	-5.74	<u>45</u>
<u>9</u>	EHS		421 Nelson St Ottawa ON K1N7S6	N/105.5	3.63	<u>45</u>
<u>10</u>	EHS		103 Henderson Ave Ottawa ON K1N7P5	WNW/107.8	5.66	<u>46</u>
<u>11</u>	EHS		132 Henderson Ottawa ON K1N 7P4	W/111.3	5.76	<u>46</u>
<u>12</u>	ECA	Polo II Properties Inc.	407 Nelson St Ottawa ON K1H 6H8	N/122.7	3.63	<u>46</u>
<u>12</u>	EBR	Polo II Properties Inc.	407 Nelson Street Ottawa K1N 7S6 CITY OF OTTAWA ON	N/122.7	3.63	<u>46</u>
<u>13</u>	HINC		191 SOMERSET STREET EAST OTTAWA ON K1N 6V1	WSW/126.8	5.09	<u>47</u>
<u>14</u>	ECA	University of Ottawa	202 Henderson Ave Ottawa ON K1N 6N5	S/131.6	-1.42	<u>47</u>
<u>15</u>	EHS		406-410 Nelson Street 406, 408 and 410 Nelson Ottawa ON K1N 7S7	NW/132.3	5.38	<u>47</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>16</u>	EBR	Jake Regan McDermott	203 Henderson Avenue Ottawa, ON K1N 7P7 Canada ON	SSE/133.3	-5.03	<u>48</u>
<u>16</u>	ECA	Jake Regan McDermott	203 Henderson Ave Ottawa ON K1N 7P7	SSE/133.3	-5.03	<u>48</u>
<u>17</u>	EHS		411 Nelson St Ottawa ON K1N7S6	NNW/136.6	3.72	<u>48</u>
<u>18</u>	SPL		King Edward Street and Sommerset Ottawa ON	WSW/140.5	4.61	<u>49</u>
<u>19</u>	GEN	UNIVERSITY OF OTTAWA 39-470	255 HENDERSON, MINTO ARENA OTTAWA ON K1N 6N5	S/141.4	-3.26	<u>49</u>
<u>19</u>	GEN	UNIVERSITY OF OTTAWA 39-470	MINTO ARENA, 255 HENDERSON C/O TABARET HALL, 550 CUMBERLAND OTTAWA ON K1N 6N5	S/141.4	-3.26	<u>50</u>
<u>19</u>	GEN	UNIVERSITY OF OTTAWA	MINTO ARENA_ 255 HENDERSON OTTAWA ON K1N 6N5	S/141.4	-3.26	<u>50</u>
<u>20</u>	EHS		Henderson Ave And King Edward Ave Ottawa ON	S/142.8	-1.42	<u>50</u>
<u>21</u>	WWIS		95 SWEETLAND AVENUE Ottawa ON Well ID: 7350082	NE/143.4	-4.19	<u>51</u>
<u>22</u>	EHS		95 Sweetland Avenue Ottawa ON K1N 7T9	NE/143.5	-4.19	<u>54</u>
<u>23</u>	EHS		109 Henderson Ave Ottawa ON K1N7P5	NW/145.9	5.63	<u>54</u>
<u>24</u>	EHS		395, 397, 399, 403 Nelson Street Ottawa ON K1N 7S5	NNW/151.0	4.82	<u>55</u>
<u>25</u>	PINC	DOUG BRUCE SKINNER	99 HENDERSON AVE.,OTTAWA,ON,K1N 7P5,CA ON	NW/159.3	5.63	<u>55</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>26</u>	BORE		ON	WSW/166.5	4.63	<u>55</u>
<u>27</u>	EHS		217 Henderson Ave Ottawa ON K1N 7P7	SSE/170.4	-6.37	<u>58</u>
<u>28</u>	EHS		213-223 Henderson Avenue And 65 Templeton Street Ottawa ON K1N7P7	SSE/174.2	-6.37	<u>58</u>
<u>29</u>	EHS		393 Nelson Street Ottawa ON K1N 7S6	NNW/174.7	4.02	<u>58</u>
<u>29</u>	EHS		393 Nelson Street Ottawa ON K1N 7S6	NNW/174.7	4.02	<u>58</u>
<u>29</u>	EHS		393 Nelson Street Ottawa ON K1N 7S6	NNW/174.7	4.02	<u>58</u>
<u>30</u>	EHS		393 Nelson Street Ottawa ON	NNW/177.2	4.58	<u>59</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>59</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>59</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>60</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>60</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>60</u>
<u>31</u>	GEN	866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW/179.3	4.63	<u>61</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>32</u>	ECA	2294170 Ontario Inc.	65 Templeton Ave Ottawa ON K1K 4V1	SSE/180.5	-7.75	<u>61</u>
<u>33</u>	EHS		PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E/180.8	-8.37	<u>61</u>
<u>33</u>	EHS		PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E/180.8	-8.37	<u>61</u>
<u>33</u>	EHS		PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E/180.8	-8.37	<u>62</u>
<u>34</u>	BORE		ON	SW/181.5	3.24	<u>62</u>
<u>35</u>	EHS		114 to 122 Russell Avenue Ottawa ON	NE/185.4	-4.84	<u>64</u>
<u>36</u>	GEN	UNIVERSITY OF OTTAWA 39-419	631 KING EDWARD AVENUE, FULCRUM OTTAWA ON K1N 6N5	WNW/186.6	5.63	<u>64</u>
<u>36</u>	GEN	UNIVERSITY OF OTTAWA 39-419	631 KING EDWARD AVENUE C/O 550 CUMBERLAND STREET OTTAWA ON K1N 6N5	WNW/186.6	5.63	<u>65</u>
<u>36</u>	GEN	UNIVERSITY OF OTTAWA	FULCRUM__ 631 KING EDWARD AVENUE OTTAWA ON K1N 6N5	WNW/186.6	5.63	<u>65</u>
<u>37</u>	EHS		136 Osgoode St Ottawa ON K1N6S4	NW/188.9	5.63	<u>65</u>
<u>38</u>	EHS		128 Osgoode St Ottawa ON K1N 6S4	NW/189.3	5.64	<u>65</u>
<u>38</u>	EHS		128 Osgoode St Ottawa ON K1N 6S4	NW/189.3	5.64	<u>66</u>
<u>38</u>	EHS		128 Osgoode St Ottawa ON K1N 6S4	NW/189.3	5.64	<u>66</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
39	SPL	ESSO PETROLEUM CANADA	PRIVATE RESIDENCE ON NELSON ST/TEMPLETON ST TANK TRUCK (CARGO) OTTAWA CITY ON	SE/191.5	-7.34	66
40	BORE		ON	SW/193.1	3.24	67
41	EHS		287 Somerset St E Ottawa ON K1N6V7	ENE/193.5	-6.74	69
42	EHS		Osgoode Street & Sweetland Ottawa ON K1N 6S6	NNW/193.8	4.02	69
42	EHS		Osgoode Street & Sweetland Ottawa ON K1N 6S6	NNW/193.8	4.02	69
43	EHS		118 Russell Avenue Ottawa ON K1N 7X1	NE/194.9	-5.88	69
44	GEN	University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S/196.9	-2.37	70
44	GEN	University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S/196.9	-2.37	70
44	GEN	University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S/196.9	-2.37	70
44	GEN	University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S/196.9	-2.37	71
44	GEN	University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S/196.9	-2.37	71
45	ECA	University of Ottawa	727 King Edward Ave lots part of lots 22-31 and part of lots 19-21 ref plan. 37219 and 31694 Ottawa ON K1N 7B7	SSW/197.6	-1.01	71

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>46</u>	EHS		172/174 Russell Avenue Ottawa ON K1N 7X4	E/199.5	-8.06	<u>72</u>
<u>47</u>	EHS		68 Sweetland Ave Ottawa ON K1N 7T8	NNW/200.4	4.17	<u>72</u>
<u>48</u>	ECA	University of Ottawa	Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON K1N 1E3	ESE/201.2	-7.38	<u>72</u>
<u>49</u>	EHS		138, 140, 142 And 144 Osgoode Street Ottawa ON	NW/202.4	5.63	<u>72</u>
<u>50</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SW/204.8	3.61	<u>73</u>
<u>51</u>	CA	R.M. OF OTTAWA-CARLETON	RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	ENE/205.2	-7.31	<u>73</u>
<u>51</u>	CA	OTTAWA CITY	RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	ENE/205.2	-7.31	<u>74</u>
<u>52</u>	BORE		ON	SW/207.1	3.85	<u>74</u>
<u>53</u>	EHS		172-174 Russell Avenue Ottawa ON K1N 7X4	E/208.0	-8.06	<u>76</u>
<u>53</u>	EHS		172-174 Russell Avenue Ottawa ON K1N 7X4	E/208.0	-8.06	<u>76</u>
<u>54</u>	PINC	ENBRIDGE GAS INC	114 RUSSELL AVE.,OTTAWA,ON,K1N 7X1,CA ON	NE/208.7	-5.88	<u>77</u>
<u>55</u>	INC		122 OSGOODE STREET, OTTAWA ON	WNW/212.6	5.63	<u>77</u>
<u>56</u>	CA	UNIVERSITY OF OTTAWA	141 LOUIS PASTEUR OTTAWA CITY ON K1N 6N5	SW/213.7	3.61	<u>78</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>56</u>	CA	UNIVERSITY OF OTTAWA, MAIN CAMPUS	141 LOUIS PASTEUR PRIVATE OTTAWA CITY ON K1N 6N5	SW/213.7	3.61	<u>78</u>
<u>56</u>	VAR	LENNARTZ AUTO-SERVICE	141 LOUIS-PASTEUR PVT,,OTTAWA,ON, K1N 6N5,CA ON	SW/213.7	3.61	<u>78</u>
<u>56</u>	DTNK	DURHAM COMBUSTION LTD	141 LOUIS PASTEUR PVT OTTAWA ON	SW/213.7	3.61	<u>78</u>
<u>56</u>	SPL	Triangle Pump Service Limited	141 Louis Pasteur; 130 Louis Pasteur Ottawa; Ottawa ON K1N 6N5;	SW/213.7	3.61	<u>79</u>
<u>56</u>	GEN	Elevation Elevator Inc.	141 Louis Pasteur Ottawa ON K1N6N5	SW/213.7	3.61	<u>80</u>
<u>57</u>	EHS		146 through 170 Osgoode Street Ottawa ON K1N 6S6	NNW/216.5	4.55	<u>80</u>
<u>57</u>	EHS		146 - 170 Osgoode Street Ottawa ON K1N 6S6	NNW/216.5	4.55	<u>80</u>
<u>58</u>	EHS		65 Sweetland Ave Ottawa ON K1N7T9	N/218.4	3.22	<u>80</u>
<u>59</u>	SPL	ESSO PETROLEUM CANADA	120 OSGOODE STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6S2	WNW/226.4	5.63	<u>81</u>
<u>60</u>	GEN	UNIVERSITY OF OTTAWA	PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	SSW/227.4	1.63	<u>81</u>
<u>60</u>	GEN	UNIVERSITY (OUT OF BUSINESS)	PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	SSW/227.4	1.63	<u>81</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD ST. NOT AVAILABLE OTTAWA ON K1N 6N5	SSW/227.4	1.63	<u>82</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>84</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>87</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>89</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>90</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>91</u>
<u>60</u>	NPRI	UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW/227.4	1.63	<u>92</u>
<u>60</u>	SPL	University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>93</u>
<u>60</u>	SPL	University of Ottawa	720 King Edward St. Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>93</u>
<u>60</u>	CA	University of Ottawa	720 King Edward Avenue Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>94</u>
<u>60</u>	CA	University of Ottawa	720 King Edward Avenue Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>94</u>
<u>60</u>	ECA	University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>94</u>
<u>60</u>	ECA	University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW/227.4	1.63	<u>95</u>
<u>60</u>	SPL	University of Ottawa	720 King Edward Avenue Ottawa ON	SSW/227.4	1.63	<u>95</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	GHG	Physical Resources Service	720 King Edward Street Ottawa ON K1N 6N5	SSW/227.4	1.63	95
61	PINC	ENBRIDGE GAS INC	121 RUSSELL AVE.,OTTAWA,ON,K1N 7X2,CA ON	NE/231.4	-6.19	97
62	ECA	2478014 Ontario Limited	84 Russell Ave Ottawa ON K1W 0H9	NNE/231.6	1.69	98
62	PINC	ENBRIDGE GAS INC	84 RUSSELL AVE.,OTTAWA,ON,K1N 7X1, CA ON	NNE/231.6	1.69	98
63	WWIS		720 KING EDWARD AVE Ottawa ON Well ID: 7298555	SSW/231.7	0.27	99
64	EHS		294 Somerset Street East Ottawa ON K1N 6W1	ENE/233.8	-8.25	106
65	CA	University of Ottawa	Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON	WSW/234.9	4.63	107
66	WWIS		ON Well ID: 7338630	ENE/240.6	-7.76	107
67	WWIS		720 KING EDWARD ST Ottawa ON Well ID: 7217423	SSW/240.7	-1.01	108
68	GEN	ECOLE FRANCOJEUNESSE	119 OSGOODE ST. OTTAWA ON K1N 6S3	NW/241.2	6.63	111
68	GEN	CONSEIL (SEE & USE ON1879403)	FRANCOJEUNESSE 119 RUE OSGOODE OTTAWA ON K1N 6S3	NW/241.2	6.63	111
68	GEN	CONSEIL DES ECOLES PUBLIQUES	ECOLE ELEMENTAIRE PUBLIQUE FRANCOJEUNESSE, 119, RUE OSGOODE OTTAWA ON K1N 6S3	NW/241.2	6.63	112
68	GEN	Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW/241.2	6.63	112

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
68	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW/241.2	6.63	112
68	GEN	Conseil des ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW/241.2	6.63	113
69	WWIS		720 KING EDWARD ST. OTTAWA ON Well ID: 7217463	SSW/241.3	0.27	114
70	WWIS		86 TEMPLETON ST. OTTAWA ON Well ID: 7242733	ESE/242.0	-6.84	117
70	EHS		86 Templeton Street Ottawa ON	ESE/242.0	-6.84	120
71	CA	R.M. OF OTTAWA-CARLETON-TRANSPORTATION	KING EDWARD AVE./TEMPLETON ST. OTTAWA CITY ON	S/242.1	-2.37	121
71	CA	OTTAWA CITY - NELSON STREET	TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	S/242.1	-2.37	121
71	CA	R.M. OF OTTAWA-CARLETON - NELSON STREET	TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	S/242.1	-2.37	121
71	CA	OTTAWA CITY	KING EDWARD AVE/TEMPLETON ST. OTTAWA CITY ON	S/242.1	-2.37	122
71	SPL	Regional Crane Rentals Ltd.	King Edward Avenue and Templeton Ottawa ON	S/242.1	-2.37	122
72	CA	UNIVERSITY OF OTTAWA	GENDRON HALL, 30 MARIE CURIE OTTAWA CITY ON	WSW/243.1	4.63	122
72	CA	University of Ottawa	30 Marie Curie Street Ottawa ON	WSW/243.1	4.63	123
72	CA	University of Ottawa	30 Marie Curie Street Ottawa ON	WSW/243.1	4.63	123

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
72	ECA	University of Ottawa	30 Marie Curie Street Ottawa ON K1N 1E3	WSW/243.1	4.63	123
72	ECA	University of Ottawa	30 Marie Curie Street Ottawa ON K1N 6N5	WSW/243.1	4.63	124
73	SPL		81 Louis Pasteur Ottawa ON	W/243.6	4.63	124
73	PINC	PIPELINE HIT 1.25"	81 LOUIS-PASTEUR PVT.,OTTAWA,ON, K1N 9N1,CA ON	W/243.6	4.63	124
74	WWIS		720 KING EDWARD ST Ottawa ON Well ID: 7217422	SSW/244.1	0.27	125
75	NPCB	UNIVERSITY OF OTTAWA	100 THOMAS MORE STREET THOMAS MORE STREET OTTAWA ON K1N 1E3	WNW/245.2	5.33	128
75	NPCB	UNIVERSITY OF OTTAWA	100 THOMAS MORE STREET BOX 450- STN. A Ottawa ON K1N 1E3	WNW/245.2	5.33	129
75	NPCB	UNIVERSITY OF OTTAWA	BOX 450-STN. A 100 THOMAS MORE STREET OTTAWA ON K1N 1E3	WNW/245.2	5.33	129
76	ECA	University of Ottawa	145 Jean-Jacques-Lussier Pvt Ottawa ON K1N 7B7	WSW/245.3	4.63	129
77	CA	LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON AVENUE OTTAWA CITY ON K1N 6X3	ESE/245.3	-6.67	130
77	CA	LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON ST. (SWM) OTTAWA CITY ON K1N 6X3	ESE/245.3	-6.67	130
77	CA	LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON ST. (SWM) OTTAWA CITY ON K1N 6X3	ESE/245.3	-6.67	130

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>78</u>	EHS		296 Somerset St E Ottawa ON	ENE/245.8	-8.51	<u>130</u>
<u>78</u>	ECA	ABCG Properties Inc.	296 Somerset St E Ottawa ON K4A 3P7	ENE/245.8	-8.51	<u>131</u>
<u>79</u>	CA	FERNANDO MARTINS	165-169 RUSSELL AVENUE (SWM) OTTAWA CITY ON K1N 7X3	E/246.2	-6.37	<u>131</u>
<u>80</u>	CA		801 King Edward Avenue, Lot E, Concession D Ottawa ON K1N 6N5	SSE/248.6	-6.37	<u>131</u>
<u>80</u>	ECA	University of Ottawa	801 King Edward Avenue, Lot E, Concession D Ottawa ON	SSE/248.6	-6.37	<u>132</u>
<u>80</u>	GEN	866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE/248.6	-6.37	<u>132</u>
<u>80</u>	GEN	866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE/248.6	-6.37	<u>132</u>
<u>80</u>	GEN	866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE/248.6	-6.37	<u>133</u>
<u>81</u>	BORE		ON	W/249.0	4.63	<u>133</u>
<u>82</u>	WWIS		86 TEMPLETON ST. OTTAWA ON Well ID: 7242737	ESE/249.4	-6.34	<u>135</u>
<u>83</u>	WWIS		86 TEMPLETON ST. OTTAWA ON Well ID: 7242738	ESE/249.5	-6.34	<u>138</u>

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 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	WSW	166.54	<u>26</u>
	ON	SW	181.52	<u>34</u>
	ON	SW	193.13	<u>40</u>
	ON	SW	207.07	<u>52</u>
	ON	W	249.00	<u>81</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 21 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF OTTAWA-CARLETON	SOMERSET ST./NELSON ST. OTTAWA CITY ON	NE	18.52	<u>1</u>
UNIVERSITY OF OTTAWA	141 LOUIS PASTEUR OTTAWA CITY ON K1N 6N5	SW	213.74	<u>56</u>
UNIVERSITY OF OTTAWA, MAIN CAMPUS	141 LOUIS PASTEUR PRIVATE OTTAWA CITY ON K1N 6N5	SW	213.74	<u>56</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
University of Ottawa	720 King Edward Avenue Ottawa ON K1N 6N5	SSW	227.42	<u>60</u>
University of Ottawa	720 King Edward Avenue Ottawa ON K1N 6N5	SSW	227.42	<u>60</u>
University of Ottawa	Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON	WSW	234.93	<u>65</u>
UNIVERSITY OF OTTAWA	GENDRON HALL, 30 MARIE CURIE OTTAWA CITY ON	WSW	243.08	<u>72</u>
University of Ottawa	30 Marie Curie Street Ottawa ON	WSW	243.08	<u>72</u>
University of Ottawa	30 Marie Curie Street Ottawa ON	WSW	243.08	<u>72</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	250 Somerset St E Ottawa ON K1N 6V6	E	72.28	<u>8</u>
OTTAWA CITY	RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	ENE	205.20	<u>51</u>
R.M. OF OTTAWA-CARLETON	RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	ENE	205.20	<u>51</u>
R.M. OF OTTAWA-CARLETON- TRANSPORTATION	KING EDWARD AVE./TEMPLETON ST. OTTAWA CITY ON	S	242.13	<u>71</u>
OTTAWA CITY - NELSON STREET	TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	S	242.13	<u>71</u>

R.M. OF OTTAWA-CARLETON - NELSON STREET	TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	S	242.13	71
OTTAWA CITY	KING EDWARD AVE/TEMPLETON ST. OTTAWA CITY ON	S	242.13	71
LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON AVENUE OTTAWA CITY ON K1N 6X3	ESE	245.29	77
LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON ST. (SWM) OTTAWA CITY ON K1N 6X3	ESE	245.29	77
LISGAR SQUARE DEVELOPMENTS INC.	88-90 TEMPLETON ST. (SWM) OTTAWA CITY ON K1N 6X3	ESE	245.29	77
FERNANDO MARTINS	165-169 RUSSELL AVENUE (SWM) OTTAWA CITY ON K1N 7X3	E	246.17	79
	801 King Edward Avenue, Lot E, Concession D Ottawa ON K1N 6N5	SSE	248.56	80

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 1 DTNK site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
DURHAM COMBUSTION LTD	141 LOUIS PASTEUR PVT OTTAWA ON	SW	213.74	56

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 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Polo II Properties Inc.	407 Nelson Street Ottawa K1N 7S6 CITY OF OTTAWA ON	N	122.72	12

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lower Elevation	Address	Direction	Distance (m)	Map Key
Jake Regan McDermott	203 Henderson Avenue Ottawa, ON K1N 7P7 Canada ON	SSE	133.28	16

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jan 31, 2023 has found that there are 16 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
8550107 Canada Inc.	149 Henderson Ave Ottawa ON K1N 7S8	W	38.82	4
Polo II Properties Inc.	407 Nelson St Ottawa ON K1H 6H8	N	122.72	12
University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW	227.42	60
University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW	227.42	60
2478014 Ontario Limited	84 Russell Ave Ottawa ON K1W 0H9	NNE	231.63	62
University of Ottawa	30 Marie Curie Street Ottawa ON K1N 6N5	WSW	243.08	72
University of Ottawa	30 Marie Curie Street Ottawa ON K1N 1E3	WSW	243.08	72
University of Ottawa	145 Jean-Jacques-Lussier Pvt Ottawa ON K1N 7B7	WSW	245.26	76

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	250 Somerset St E Ottawa ON K2G 6J8	E	72.28	<u>8</u>
University of Ottawa	202 Henderson Ave Ottawa ON K1N 6N5	S	131.56	<u>14</u>
Jake Regan McDermott	203 Henderson Ave Ottawa ON K1N 7P7	SSE	133.28	<u>16</u>
2294170 Ontario Inc.	65 Templeton Ave Ottawa ON K1K 4V1	SSE	180.55	<u>32</u>
University of Ottawa	727 King Edward Ave lots part of lots 22-31 and part of lots 19-21 ref plan. 37219 and 31694 Ottawa ON K1N 7B7	SSW	197.61	<u>45</u>
University of Ottawa	Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON K1N 1E3	ESE	201.18	<u>48</u>
ABCG Properties Inc.	296 Somerset St E Ottawa ON K4A 3P7	ENE	245.84	<u>78</u>
University of Ottawa	801 King Edward Avenue, Lot E, Concession D Ottawa ON	SSE	248.56	<u>80</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2022 has found that there are 44 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	149 Henderson Ave Ottawa ON K1N7P5	W	43.37	<u>5</u>
	421 Nelson St Ottawa ON K1N7S6	N	105.46	<u>9</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	103 Henderson Ave Ottawa ON K1N7P5	WNW	107.75	<u>10</u>
	132 Henderson Ottawa ON K1N 7P4	W	111.25	<u>11</u>
	406-410 Nelson Street 406, 408 and 410 Nelson Ottawa ON K1N 7S7	NW	132.32	<u>15</u>
	411 Nelson St Ottawa ON K1N7S6	NNW	136.64	<u>17</u>
	109 Henderson Ave Ottawa ON K1N7P5	NW	145.92	<u>23</u>
	395, 397, 399, 403 Nelson Street Ottawa ON K1N 7S5	NNW	151.04	<u>24</u>
	393 Nelson Street Ottawa ON K1N 7S6	NNW	174.69	<u>29</u>
	393 Nelson Street Ottawa ON K1N 7S6	NNW	174.69	<u>29</u>
	393 Nelson Street Ottawa ON K1N 7S6	NNW	174.69	<u>29</u>
	393 Nelson Street Ottawa ON	NNW	177.22	<u>30</u>
	136 Osgoode St Ottawa ON K1N6S4	NW	188.88	<u>37</u>
	128 Osgoode St Ottawa ON K1N 6S4	NW	189.31	<u>38</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	128 Osgoode St Ottawa ON K1N 6S4	NW	189.31	<u>38</u>
	128 Osgoode St Ottawa ON K1N 6S4	NW	189.31	<u>38</u>
	Osgoode Street & Sweetland Ottawa ON K1N 6S6	NNW	193.80	<u>42</u>
	Osgoode Street & Sweetland Ottawa ON K1N 6S6	NNW	193.80	<u>42</u>
	68 Sweetland Ave Ottawa ON K1N 7T8	NNW	200.37	<u>47</u>
	138, 140, 142 And 144 Osgoode Street Ottawa ON	NW	202.36	<u>49</u>
	146 through 170 Osgoode Street Ottawa ON K1N 6S6	NNW	216.50	<u>57</u>
	146 - 170 Osgoode Street Ottawa ON K1N 6S6	NNW	216.50	<u>57</u>
	65 Sweetland Ave Ottawa ON K1N7T9	N	218.45	<u>58</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE	37.52	<u>3</u>
	255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE	37.52	<u>3</u>

255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	NE	37.52	<u>3</u>
173 Henderson Ave Ottawa ON K1N7P7	S	69.21	<u>7</u>
250 Somerset Street East Ottawa ON K1N 6V6	E	72.28	<u>8</u>
Henderson Ave And King Edward Ave Ottawa ON	S	142.78	<u>20</u>
95 Sweetland Avenue Ottawa ON K1N 7T9	NE	143.48	<u>22</u>
217 Henderson Ave Ottawa ON K1N 7P7	SSE	170.42	<u>27</u>
213-223 Henderson Avenue And 65 Templeton Street Ottawa ON K1N7P7	SSE	174.19	<u>28</u>
PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E	180.79	<u>33</u>
PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E	180.79	<u>33</u>
PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	E	180.79	<u>33</u>
114 to 122 Russell Avenue Ottawa ON	NE	185.43	<u>35</u>
287 Somerset St E Ottawa ON K1N6V7	ENE	193.49	<u>41</u>

118 Russell Avenue Ottawa ON K1N 7X1	NE	194.93	43
172/174 Russell Avenue Ottawa ON K1N 7X4	E	199.46	46
172-174 Russell Avenue Ottawa ON K1N 7X4	E	208.02	53
172-174 Russell Avenue Ottawa ON K1N 7X4	E	208.02	53
294 Somerset Street East Ottawa ON K1N 6W1	ENE	233.82	64
86 Templeton Street Ottawa ON	ESE	242.03	70
296 Somerset St E Ottawa ON	ENE	245.84	78

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 30 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	31
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	31
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	31
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	31

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	<u>31</u>
866520 Ontario Ltd	300-100 Marie Curie Ottawa ON K1N 6N5	WSW	179.35	<u>31</u>
UNIVERSITY OF OTTAWA 39-419	631 KING EDWARD AVENUE, FULCRUM OTTAWA ON K1N 6N5	WNW	186.55	<u>36</u>
UNIVERSITY OF OTTAWA 39-419	631 KING EDWARD AVENUE C/O 550 CUMBERLAND STREET OTTAWA ON K1N 6N5	WNW	186.55	<u>36</u>
UNIVERSITY OF OTTAWA	FULCRUM__ 631 KING EDWARD AVENUE OTTAWA ON K1N 6N5	WNW	186.55	<u>36</u>
Elevation Elevator Inc.	141 Louis Pasteur Ottawa ON K1N6N5	SW	213.74	<u>56</u>
UNIVERSITY OF OTTAWA	PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	SSW	227.42	<u>60</u>
UNIVERSITY (OUT OF BUSINESS)	PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	SSW	227.42	<u>60</u>
ECOLE FRANCOJEUNESSE	119 OSGOODE ST. OTTAWA ON K1N 6S3	NW	241.17	<u>68</u>
CONSEIL (SEE & USE ON1879403)	FRANCOJEUNESSE 119 RUE OSGOODE OTTAWA ON K1N 6S3	NW	241.17	<u>68</u>
CONSEIL DES ECOLES PUBLIQUES	ECOLE ELEMENTAIRE PUBLIQUE FRANCOJEUNESSE, 119, RUE OSGOODE OTTAWA ON K1N 6S3	NW	241.17	<u>68</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil de ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW	241.17	<u>68</u>
Conseil des ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW	241.17	<u>68</u>
Conseil des ecoles publiques de l'Est de l'Ontario	Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	NW	241.17	<u>68</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Elevation Elevators	250 Somerset Street East Ottawa ON K1N 6V6	E	72.28	<u>8</u>
UNIVERSITY OF OTTAWA	MINTO ARENA_ 255 HENDERSON OTTAWA ON K1N 6N5	S	141.43	<u>19</u>
UNIVERSITY OF OTTAWA 39-470	255 HENDERSON, MINTO ARENA OTTAWA ON K1N 6N5	S	141.43	<u>19</u>
UNIVERSITY OF OTTAWA 39-470	MINTO ARENA, 255 HENDERSON C/O TABARET HALL, 550 CUMBERLAND OTTAWA ON K1N 6N5	S	141.43	<u>19</u>
University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S	196.93	<u>44</u>
University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S	196.93	<u>44</u>
University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S	196.93	<u>44</u>
University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S	196.93	<u>44</u>

University of Ottawa	25 Templeton St Ottawa ON K1N7B7	S	196.93	44
866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE	248.56	80
866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE	248.56	80
866520 Ontario Ltd	801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	SSE	248.56	80

GHG - Greenhouse Gas Emissions from Large Facilities

A search of the GHG database, dated 2013-Dec 2019 has found that there are 1 GHG site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Physical Resources Service	720 King Edward Street Ottawa ON K1N 6N5	SSW	227.42	60

HINC - TSSA Historic Incidents

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	191 SOMERSET STREET EAST OTTAWA ON K1N 6V1	WSW	126.83	13

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	250 SOMERSET STREET EAST OTTAWA ON K1N 6V6	E	72.28	8

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	122 OSGOODE STREET, OTTAWA ON	WNW	212.62	55

NPCB - National PCB Inventory

A search of the NPCB database, dated 1988-2008* has found that there are 3 NPCB site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNIVERSITY OF OTTAWA	100 THOMAS MORE STREET BOX 450- STN. A Ottawa ON K1N 1E3	WNW	245.16	75
UNIVERSITY OF OTTAWA	BOX 450-STN. A 100 THOMAS MORE STREET OTTAWA ON K1N 1E3	WNW	245.16	75
UNIVERSITY OF OTTAWA	100 THOMAS MORE STREET THOMAS MORE STREET OTTAWA ON K1N 1E3	WNW	245.16	75

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 8 NPRI site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SW	204.81	50
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60
UNIVERSITY OF OTTAWA	720 KING EDWARD ST. NOT AVAILABLE OTTAWA ON K1N 6N5	SSW	227.42	60
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60
UNIVERSITY OF OTTAWA	720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	SSW	227.42	60

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 8 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	442 NELSON ST.,OTTAWA,ON,K1N 7S8,CA ON	SE	22.75	2
M&M CONCRETE PUMPING	149 HENDERSON AVE.,OTTAWA,ON, K1N 7P5,CA ON	W	38.82	4
PIPELINE HIT - 1/2"	139 HENDERSON AVE.,OTTAWA,ON, K1N 7P5,CA ON	WNW	46.30	6
DOUG BRUCE SKINNER	99 HENDERSON AVE.,OTTAWA,ON, K1N 7P5,CA ON	NW	159.29	25
ENBRIDGE GAS INC	84 RUSSELL AVE.,OTTAWA,ON,K1N 7X1,CA ON	NNE	231.63	62
PIPELINE HIT 1.25"	81 LOUIS-PASTEUR PVT.,OTTAWA, ON,K1N 9N1,CA ON	W	243.59	73

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	114 RUSSELL AVE.,OTTAWA,ON, K1N 7X1,CA ON	NE	208.74	<u>54</u>
ENBRIDGE GAS INC	121 RUSSELL AVE.,OTTAWA,ON, K1N 7X2,CA ON	NE	231.41	<u>61</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 11 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	442 Nelson Street Ottawa ON	SE	22.75	<u>2</u>
	442 Nelson Street Ottawa ON	SE	22.75	<u>2</u>
	King Edward Street and Sommerset Ottawa ON	WSW	140.50	<u>18</u>
Triangle Pump Service Limited	141 Louis Pasteur; 130 Louis Pasteur Ottawa; Ottawa ON K1N 6N5;	SW	213.74	<u>56</u>
ESSO PETROLEUM CANADA	120 OSGOOD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6S2	WNW	226.38	<u>59</u>
University of Ottawa	720 King Edward Avenue Ottawa ON	SSW	227.42	<u>60</u>
University of Ottawa	720 King Edward St. Ottawa ON K1N 6N5	SSW	227.42	<u>60</u>
University of Ottawa	720 King Edward Ave Ottawa ON K1N 6N5	SSW	227.42	<u>60</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	81 Louis Pasteur Ottawa ON	W	243.59	73

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ESSO PETROLEUM CANADA	PRIVATE RESIDENCE ON NELSON ST/TEMPLETON ST TANK TRUCK (CARGO) OTTAWA CITY ON	SE	191.48	39
Regional Crane Rentals Ltd.	King Edward Avenue and Templeton Ottawa ON	S	242.13	71

VAR - Variances for Abandonment of Underground Storage Tanks

A search of the VAR database, dated Feb 28, 2022 has found that there are 1 VAR site(s) within approximately 0.25 kilometers of the project property.

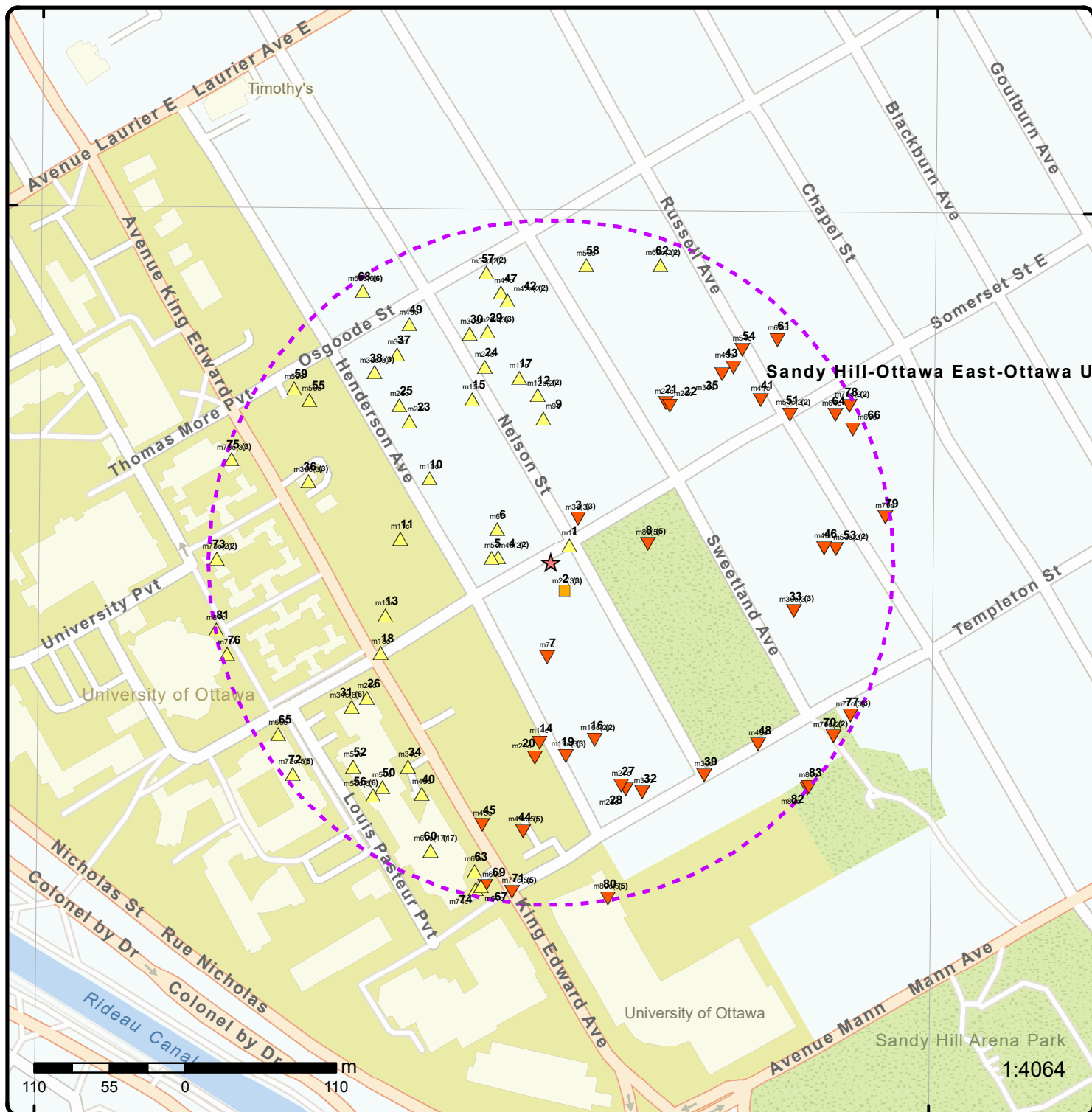
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
LENNARTZ AUTO-SERVICE	141 LOUIS-PASTEUR PVT,,OTTAWA, ON,K1N 6N5,CA ON	SW	213.74	56

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	720 KING EDWARD AVE Ottawa ON <i>Well ID: 7298555</i>	SSW	231.68	63
	720 KING EDWARD ST. OTTAWA ON <i>Well ID: 7217463</i>	SSW	241.27	69
	720 KING EDWARD ST Ottawa ON <i>Well ID: 7217422</i>	SSW	244.09	74

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	95 SWEETLAND AVENUE Ottawa ON <i>Well ID: 7350082</i>	NE	143.42	<u>21</u>
	ON <i>Well ID: 7338630</i>	ENE	240.61	<u>66</u>
	720 KING EDWARD ST Ottawa ON <i>Well ID: 7217423</i>	SSW	240.66	<u>67</u>
	86 TEMPLETON ST. OTTAWA ON <i>Well ID: 7242733</i>	ESE	242.03	<u>70</u>
	86 TEMPLETON ST. OTTAWA ON <i>Well ID: 7242737</i>	ESE	249.38	<u>82</u>
	86 TEMPLETON ST. OTTAWA ON <i>Well ID: 7242738</i>	ESE	249.47	<u>83</u>



Map: 0.25 Kilometer Radius

Order Number: 23030800484

Address: 214-224 Somerset Street East, Ottawa, ON

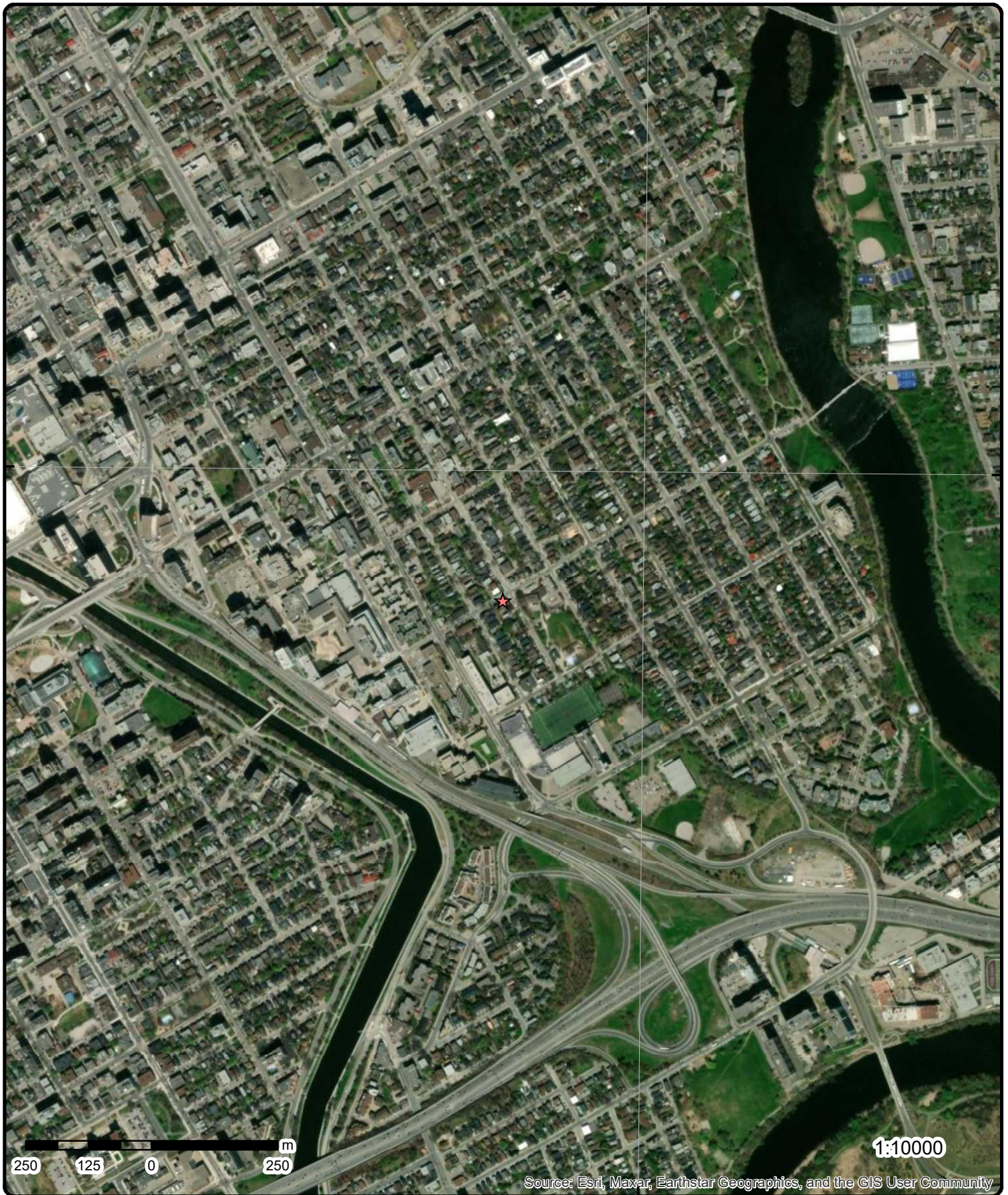


- | | | | |
|-------------------------------------|------------------------------------|--------------------|------------------------|
| ★ Project Property | Freeways; Highways | Beach | Shopping & Sports Area |
| Buffer Outline | Traffic Circle; Ramp | Airport | University/College |
| △ Eris Sites with 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



Aerial Year: 2022

Order Number: 23030800484

Address: 214-224 Somerset Street East, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°42'W

75°40'30"W

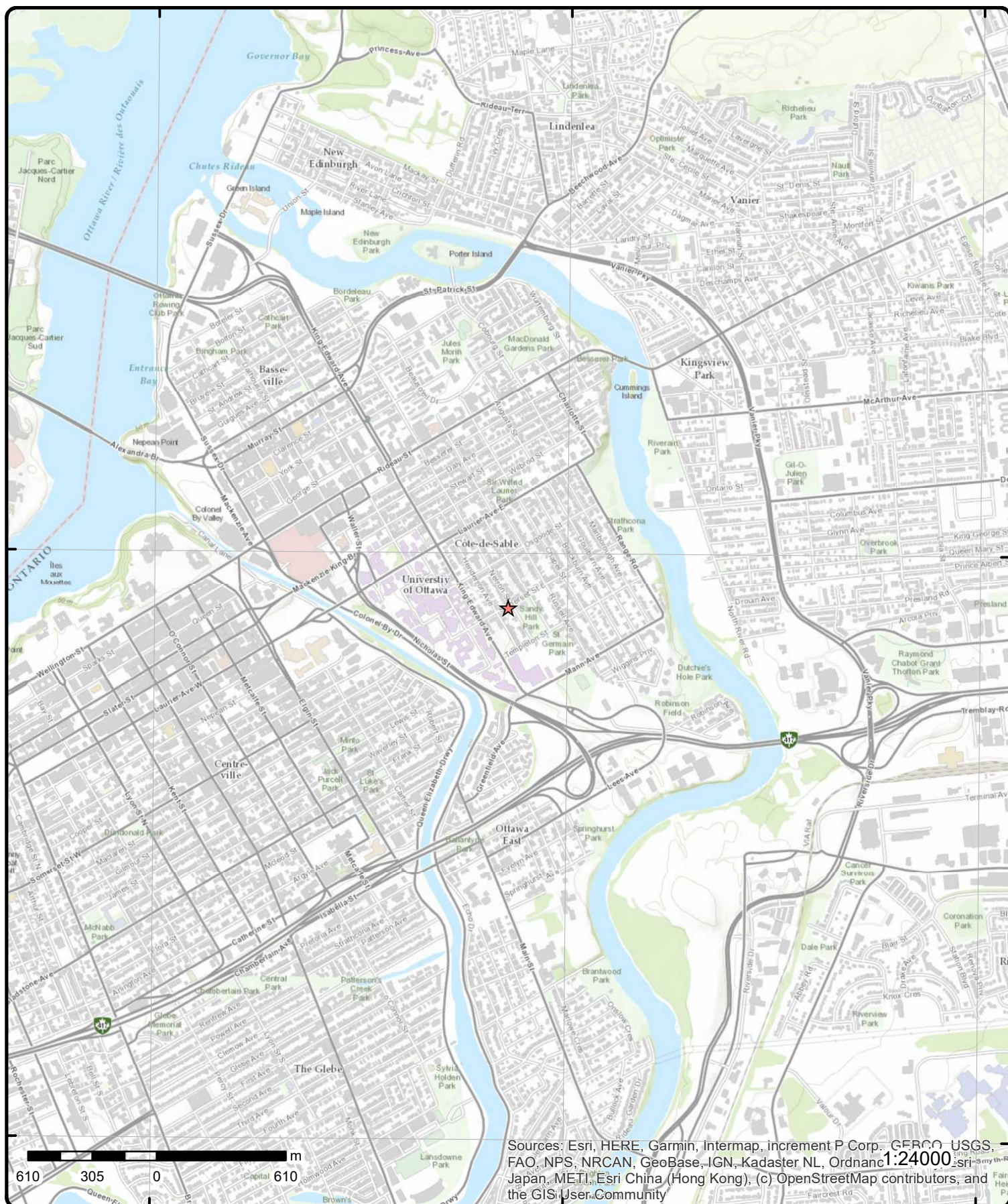
75°39'W

45°25'30"N

45°24'N

45°25'30"N

45°24'N



Topographic Map

Address: 214-224 Somerset Street East, ON

Source: ESRI World Topographic Map

Order Number: 23030800484



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NE/18.5	66.5 / 0.22	R.M. OF OTTAWA-CARLETON SOMERSET ST./NELSON ST. OTTAWA CITY ON	CA
<p> Certificate #: 7-0780-96- Application Year: 96 Issue Date: 8/16/1996 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: </p>					
2	1 of 3	SE/22.8	66.2 / 0.00	442 Nelson Street Ottawa ON	SPL
<p> Ref No: 2558-ATE7VL Site No: NA Incident Dt: 2017/11/24 Year: Incident Cause: Incident Event: Vandalism Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: any Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2017/11/24 Dt Document Closed: 2017/12/16 Incident Reason: Deliberate Act Site Name: Unoccupied dwelling<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: TSSA FSB vandalism of gas line/meter Made Safe Contaminant Qty: 1 other - see incident description </p>					
<p> Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Sector Type: Other Agency Involved: Nearest Watercourse: Site Address: 442 Nelson Street 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: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type: Pipeline/Components </p>					
2	2 of 3	SE/22.8	66.2 / 0.00	Enbridge Gas Distribution Inc. 442 Nelson Street Ottawa ON	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Standard Report Report Date: 24-DEC-19 Date Received: 19-DEC-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Client Prov/State: ON Search Radius (km): .25 X: -75.6782963 Y: 45.4229719					
3	2 of 3	NE/37.5	64.4 / -1.85	255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	EHS
Order No: 20191219083 Status: C Report Type: Standard Report Report Date: 24-DEC-19 Date Received: 19-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: -75.6782963 Y: 45.4229719					
3	3 of 3	NE/37.5	64.4 / -1.85	255 Somerset Street East Ottawa ON Ottawa ON K1N 6V5	EHS
Order No: 20191219083 Status: C Report Type: Standard Report Report Date: 24-DEC-19 Date Received: 19-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: -75.6782963 Y: 45.4229719					
4	1 of 2	W/38.8	69.2 / 2.99	8550107 Canada Inc. 149 Henderson Ave Ottawa ON K1N 7S8	ECA
Approval No: 2216-A77NFC Approval Date: 2016-03-10 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: 8550107 Canada Inc. Address: 149 Henderson Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8657-A5BK26-14.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
4	2 of 2	W/38.8	69.2 / 2.99	M&M CONCRETE PUMPING 149 HENDERSON AVE,, OTTAWA, ON, K1N 7P5, CA ON	PINC
Incident Id: Incident No: 1859080 Incident Reported Dt: 5/6/2016 Type: FS-Pipeline Incident Status Code:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> 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: </div> <div> Pipeline Damage Reason Est M&M CONCRETE PUMPING 149 HENDERSON AVE.,OTTAWA,ON,K1N 7P5,CA </div> <div> Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: </div> </div>					
5	1 of 1	W/43.4	69.2 / 2.99	149 Henderson Ave Ottawa ON K1N7P5	EHS
<div> <div> Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered: </div> <div> 20160414003 C Custom Report 19-APR-16 14-APR-16 </div> <div> Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: </div> <div> ON .25 -75.679099 45.422712 </div> </div>					
6	1 of 1	WNW/46.3	70.1 / 3.85	PIPELINE HIT - 1/2" 139 HENDERSON AVE.,OTTAWA,ON,K1N 7P5, CA ON	PINC
<div> <div> 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: </div> <div> 1293766 12/2/2013 FS-Pipeline Incident Pipeline Damage Reason Est PIPELINE HIT - 1/2" 139 HENDERSON AVE.,OTTAWA,ON,K1N 7P5,CA </div> <div> 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: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	S/69.2	64.2 / -2.03	173 Henderson Ave Ottawa ON K1N7P7	EHS
Order No: 20151020018 Status: C Report Type: Custom Report Report Date: 23-OCT-15 Date Received: 20-OCT-15 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.678575 Y: 45.422061			
8	1 of 5	E/72.3	60.5 / -5.74	250 Somerset Street East Ottawa ON K1N 6V6	EHS
Order No: 20080327003 Status: C Report Type: Complete Report Report Date: 4/4/2008 Date Received: 3/27/2008 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): 0.25 X: -75.677198 Y: 45.422264			
8	2 of 5	E/72.3	60.5 / -5.74	City of Ottawa 250 Somerset St E Ottawa ON K1N 6V6	CA
Certificate #: 6722-7BSL6V Application Year: 2008 Issue Date: 3/25/2008 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
8	3 of 5	E/72.3	60.5 / -5.74	250 SOMERSET STREET EAST OTTAWA ON K1N 6V6	HINC
External File Num: FS INC 0805-02456 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 5/14/2008 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:No Maintenance:No Design:No Training:Yes Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Type: Affiliation: County Name: Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:		Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			
<u>8</u>	4 of 5	E/72.3	60.5 / -5.74	City of Ottawa 250 Somerset St E Ottawa ON K2G 6J8	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		6722-7BSL6V 2008-03-25 Approved ECA IDS Rideau Valley ECA-AIR AIR City of Ottawa 250 Somerset St E https://www.accessenvironment.ene.gov.on.ca/instruments/4189-757SF9-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.67721 45.422264
<u>8</u>	5 of 5	E/72.3	60.5 / -5.74	Elevation Elevators 250 Somerset Street East Ottawa ON K1N 6V6	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON6634922 As of Oct 2019 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
<u>9</u>	1 of 1	N/105.5	69.9 / 3.63	421 Nelson St Ottawa ON K1N7S6	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20130626036 C Custom Report 04-JUL-13 26-JUN-13		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.678629 45.423631

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	WNW/107.8	71.9 / 5.66	103 Henderson Ave Ottawa ON K1N7P5	EHS
Order No: 20140303012 Status: C Report Type: Custom Report Report Date: 06-MAR-14 Date Received: 03-MAR-14 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679684 Y: 45.42323			
11	1 of 1	W/111.3	72.0 / 5.76	132 Henderson Ottawa ON K1N 7P4	EHS
Order No: 20131118022 Status: C Report Type: Standard Report Report Date: 27-NOV-13 Date Received: 18-NOV-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.679952 Y: 45.422834 Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos			
12	1 of 2	N/122.7	69.9 / 3.63	Polo II Properties Inc. 407 Nelson St Ottawa ON K1H 6H8	ECA
Approval No: 3248-ATKMVL Approval Date: 2018-01-08 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: Polo II Properties Inc. Address: 407 Nelson St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1373-ARTS8X-13.pdf PDF Site Location:		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:			
12	2 of 2	N/122.7	69.9 / 3.63	Polo II Properties Inc. 407 Nelson Street Ottawa K1N 7S6 CITY OF OTTAWA ON	EBR
EBR Registry No: 013-1912 Ministry Ref No: 1373-ARTS8X Notice Type: Instrument Decision Notice Stage: Notice Date: May 07, 2018 Proposal Date: November 22, 2017 Year: 2017 Instrument Type: Environmental Compliance Approval (project type: sewage) - EPA Part II.1-sewage Off Instrument Name: Posted By: Company Name: Polo II Properties Inc. Site Address:		Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Other: Proponent Name: Proponent Address: 2120 Woodcrest Road Ottawa Ontario Canada K1H 6H8 Comment Period: URL: Site Location Details: 407 Nelson Street Ottawa K1N 7S6 CITY OF OTTAWA					
13	1 of 1	WSW/126.8	71.3 / 5.09	191 SOMERSET STREET EAST OTTAWA ON K1N 6V1	HINC
External File Num: FS INC 0711-06704 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 10/25/2007 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: 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:No Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
14	1 of 1	S/131.6	64.8 / -1.42	University of Ottawa 202 Henderson Ave Ottawa ON K1N 6N5	ECA
Approval No: 1056-9WHHDR Approval Date: 2015-05-14 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: University of Ottawa Address: 202 Henderson Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4662-9PPLGS-14.pdf PDF Site Location:					
15	1 of 1	NW/132.3	71.6 / 5.38	406-410 Nelson Street 406, 408 and 410 Nelson Ottawa ON K1N 7S7	EHS
Order No: 20111209008 Status: C Nearest Intersection: Municipality: PLAN 37221 PT LOTS 14 AND 15;W NELSON ST RP 4R1692					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type: Standard Select Report Report Date: 12/19/2011 10:58:12 AM Date Received: 12/9/2011 10:58:12 AM Previous Site Name: Lot/Building Size: PLAN 37221 N PT LOT 14 W; NELSON ST RP 4R1692 PART 11 Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; Aerial Photos; City Directory; Topographic Maps					
16	1 of 2	SSE/133.3	61.2 / -5.03	Jake Regan McDermott 203 Henderson Avenue Ottawa, ON K1N 7P7 Canada ON	EBR
EBR Registry No: 019-1967 Ministry Ref No: 7746-BP4JPU Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: June 25, 2020 Year: 2020 Decision Posted: October 8, 2021 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: 45.421452, -75.678261 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: 203 Henderson Avenue Ottawa, ON K1N 7P7 Canada Location Other: Proponent Name: Jake Regan McDermott Proponent Address: Jake Regan McDermott 3744 Mountain Meadows Crescent Ottawa, ON K1V 1V7 Canada Comment Period: June 25, 2020 - August 9, 2020 (45 days) Closed URL: https://ero.ontario.ca/notice/019-1967 Site Location Details:					
16	2 of 2	SSE/133.3	61.2 / -5.03	Jake Regan McDermott 203 Henderson Ave Ottawa ON K1N 7P7	ECA
Approval No: 4068-BRY4UX Approval Date: 2020-08-31 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: Jake Regan McDermott Address: 203 Henderson Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7746-BP4JPU-14.pdf PDF Site Location:					
17	1 of 1	NNW/136.6	70.0 / 3.72	411 Nelson St Ottawa ON K1N7S6	EHS
Order No: 20151207128 Status: C Report Type: Custom Report Report Date: 14-DEC-15 Date Received: 07-DEC-15 Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.678856					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.423894
Lot/Building Size:					
Additional Info Ordered:				City Directory	
18	1 of 1	WSW/140.5	70.9 / 4.61	King Edward Street and Sommerset Ottawa ON	SPL
Ref No:		1674-A6QJYY		Discharger Report:	
Site No:		NA		Material Group:	
Incident Dt:		2016/02/01		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	
Incident Event:		Collision/Accident		Agency Involved:	
Contaminant Code:		13		Nearest Watercourse:	
Contaminant Name:		DIESEL FUEL		Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:		Land; Surface Water		Northing:	
MOE Response:		No		Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		2016/02/01		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:		Unknown / N/A		Source Type:	
Site Name:		Intersection at University of Ottawa <UNOFFICIAL>			
Site County/District:					
Municipality No:					
Site Geo Ref Meth:					
Incident Summary:		MVA: 200L diesel spilled, contained and cleaning			
Contaminant Qty:		200 L			
19	1 of 3	S/141.4	63.0 / -3.26	UNIVERSITY OF OTTAWA 39-470 255 HENDERSON, MINTO ARENA OTTAWA ON K1N 6N5	GEN
Generator No:		ON0179308			
SIC Code:		8531			
SIC Description:		UNIVERSITY EDUCATION			
Approval Years:		92,93,95,96,97			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Name:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			

50 erisinfo.com | Environmental Risk Information Services Order No: 23030800484

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	29-OCT-13			Search Radius (km):	.25
Date Received:	18-OCT-13			X:	-75.678681
Previous Site Name:	residential			Y:	45.421402
Lot/Building Size:	~252 square metres				
Additional Info Ordered:	City Directory				

21	1 of 1	NE/143.4	62.1 / -4.19	95 SWEETLAND AVENUE Ottawa ON	WWIS
Well ID:	7350082			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	18-Dec-2019 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z296638			Contractor:	6964
Tag:	A119065			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:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2019/04/12
Year Completed: 2019
Depth (m): 6.096
Latitude: 45.4237354377355
Longitude: -75.6774833525705
Path:

Bore Hole Information

Bore Hole ID:	1007816331	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446999.00
Code OB Desc:		North83:	5030247.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12-Apr-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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008149349			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008149350			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008149351			
Layer:		3			
Color:		8			
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		26			
Mat2 Desc:		ROCK			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008150063			
Layer:		1			
Plug From:		0.0			
Plug To:		1.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1008150064			
Layer:		2			
Plug From:		1.0			
Plug To:		13.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008150065			
Layer:		3			
Plug From:		13.0			
Plug To:		20.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008150991			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		H.S AUGER			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008150910			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008148309			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008151291			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		15.0			
Casing Diameter:		3.5			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008151554			
Layer:		1			
Slot:		10			
Screen Top Depth:		15.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:		4.099999904632568			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:	1008152092				
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:					
<u>Hole Diameter</u>					
Hole ID:	1008150476				
Diameter:	7.5				
Depth From:	0.0				
Depth To:	20.0				
Hole Depth UOM:	ft				
Hole Diameter UOM:	Inch				
<u>Links</u>					
Bore Hole ID:	1007816331	Tag No:	A119065		
Depth M:	6.096	Contractor:	6964		
Year Completed:	2019	Path:			
Well Completed Dt:	2019/04/12	Latitude:	45.4237354377355		
Audit No:	Z296638	Longitude:	-75.6774833525705		
22	1 of 1	NE/143.5	62.1 / -4.19	95 Sweetland Avenue Ottawa ON K1N 7T9	EHS
Order No:	20190401135	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	08-APR-19	Search Radius (km):	.25		
Date Received:	01-APR-19	X:	-75.67745		
Previous Site Name:		Y:	45.423719		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
23	1 of 1	NW/145.9	71.9 / 5.63	109 Henderson Ave Ottawa ON K1N7P5	EHS
Order No:	20171214077	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	21-DEC-17	Search Radius (km):	.25		
Date Received:	14-DEC-17	X:	-75.679878		
Previous Site Name:		Y:	45.423603		
Lot/Building Size:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
24	1 of 1	NNW/151.0	71.1 / 4.82	395, 397, 399, 403 Nelson Street Ottawa ON K1N 7S5	EHS
Order No: 20120510045 Status: C Report Type: Standard Report Report Date: 5/22/2012 4:29:57 PM Date Received: 5/10/2012 4:29:15 PM Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: City of Ottawa Client Prov/State: ON Search Radius (km): 0.25 X: -75.679179 Y: 45.423968			
25	1 of 1	NW/159.3	71.9 / 5.63	DOUG BRUCE SKINNER 99 HENDERSON AVE,, OTTAWA, ON, K1N 7P5, CA ON	PINC
Incident Id: Incident No: 1314882 Incident Reported Dt: 1/10/2014 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: DOUG BRUCE SKINNER Incident Address: 99 HENDERSON AVE,, OTTAWA, ON, K1N 7P5, 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:			
26	1 of 1	WSW/166.5	70.9 / 4.63	ON	BORE
Borehole ID: 613421 OGF ID: 215514711 Status: Type: Borehole Use: Completion Date: JUN-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 19.3 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 68.6		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.421786 Longitude DD: -75.680251 UTM Zone: 18 Easting: 446781 Northing: 5030032 Location Accuracy:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		67.8			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218395089	Mat Consistency:		Dense
Top Depth:		9.6	Material Moisture:		
Bottom Depth:		12.6	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Boulders	Geologic Formation:		
Material 2:		Till	Geologic Group:		
Material 3:		Gravel	Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:		BOULDERS. DENSE.			
Geology Stratum ID:		218395090	Mat Consistency:		Dense
Top Depth:		12.6	Material Moisture:		
Bottom Depth:		16.6	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Boulders	Geologic Formation:		
Material 2:		Till	Geologic Group:		
Material 3:		Sand	Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:		BOULDERS. VERY DENSE.			
Geology Stratum ID:		218395091	Mat Consistency:		
Top Depth:		16.6	Material Moisture:		
Bottom Depth:		19.3	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Bedrock	Geologic Formation:		
Material 2:		Limestone	Geologic Group:		
Material 3:			Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:		BEDROCK. 00000 035 00055 040 00100 062 00155 050 00200 020 00235 010 00315 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:		218395083	Mat Consistency:		
Top Depth:		0	Material Moisture:		
Bottom Depth:		1.7	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:			Geologic Formation:		
Material 2:		Sand	Geologic Group:		
Material 3:		Clay	Geologic Period:		
Material 4:		Gravel	Depositional Gen:		
Gsc Material Description:					
Stratum Description:		ARTIFICIAL.			
Geology Stratum ID:		218395085	Mat Consistency:		Stiff
Top Depth:		3	Material Moisture:		
Bottom Depth:		4.7	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. BROWN.GREY, VERY STIFF TO STIFF.FISSURED.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218395087			Mat Consistency:	Dense
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	7.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILT. DENSE.			
Geology Stratum ID:	218395084			Mat Consistency:	Hard
Top Depth:	1.7			Material Moisture:	
Bottom Depth:	3			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. BROWN,GREY,HARD,FISSURED.			
Geology Stratum ID:	218395086			Mat Consistency:	Stiff
Top Depth:	4.7			Material Moisture:	
Bottom Depth:	6.1			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,STIFF,FISSURED.			
Geology Stratum ID:	218395088			Mat Consistency:	Loose
Top Depth:	7.2			Material Moisture:	
Bottom Depth:	9.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		TILL. LOOSE.			
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: 059290 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
27	1 of 1	SSE/170.4	59.9 / -6.37	217 Henderson Ave Ottawa ON K1N 7P7	EHS
Order No: 20121205020 Status: C Report Type: Standard Select Report Report Date: 14-DEC-12 Date Received: 05-DEC-12 Previous Site Name: Lot/Building Size: 0.08 acres Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.677872 Y: 45.421225					
28	1 of 1	SSE/174.2	59.9 / -6.37	213-223 Henderson Avenue And 65 Templeton Street Ottawa ON K1N7P7	EHS
Order No: 20141028012 Status: C Report Type: Standard Select Report Report Date: 03-NOV-14 Date Received: 28-OCT-14 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.67783 Y: 45.421199					
29	1 of 3	NNW/174.7	70.3 / 4.02	393 Nelson Street Ottawa ON K1N 7S6	EHS
Order No: 20311300035 Status: C Report Type: Standard Select Report Report Date: 18-NOV-20 Date Received: 13-NOV-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6791538 Y: 45.4241966					
29	2 of 3	NNW/174.7	70.3 / 4.02	393 Nelson Street Ottawa ON K1N 7S6	EHS
Order No: 20311300035 Status: C Report Type: Standard Select Report Report Date: 18-NOV-20 Date Received: 13-NOV-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6791538 Y: 45.4241966					
29	3 of 3	NNW/174.7	70.3 / 4.02	393 Nelson Street Ottawa ON K1N 7S6	EHS
Order No: 20311300035 Status: C Report Type: Standard Select Report Report Date: 18-NOV-20 Date Received: 13-NOV-20 Previous Site Name:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6791538 Y: 45.4241966					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered:					
30	1 of 1	NNW/177.2	70.8 / 4.58	393 Nelson Street Ottawa ON	EHS
Order No:		20130527010		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Select Report		Client Prov/State: ON	
Report Date:		04-JUN-13		Search Radius (km): .25	
Date Received:		27-MAY-13		X: -75.679319	
Previous Site Name:				Y: 45.424183	
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory			
31	1 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No:		ON4167260			
SIC Code:		621110			
SIC Description:		OFFICES OF PHYSICIANS			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Georges Alexandridis			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		613-564-3950 Ext.448			
Contaminated Facility:		No			
MHSW Facility:		No			
Detail(s)					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
31	2 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No:		ON4167260			
SIC Code:		621110			
SIC Description:		OFFICES OF PHYSICIANS			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Georges Alexandridis			
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		613-564-3950 Ext.448			
Contaminated Facility:		No			
MHSW Facility:		No			
Detail(s)					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	3 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4167260 621110 OFFICES OF PHYSICIANS 2014 Canada Georges Alexandridis CO_OFFICIAL 613-564-3950 Ext.448 No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 PATHOLOGICAL WASTES			
31	4 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4167260 As of Dec 2018 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P Pathological wastes			
31	5 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON4167260 As of Jul 2020 Canada Registered			
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
31	6 of 6	WSW/179.3	70.9 / 4.63	866520 Ontario Ltd 300-100 Marie Curie Ottawa ON K1N 6N5	GEN
Generator No:		ON4167260			
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:					
Detail(s)					
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
32	1 of 1	SSE/180.5	58.5 / -7.75	2294170 Ontario Inc. 65 Templeton Ave Ottawa ON K1K 4V1	ECA
Approval No:		7889-B96UHD		MOE District:	
Approval Date:		2019-03-05		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:		2294170 Ontario Inc.			
Address:		65 Templeton Ave			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/4905-AZERUZ-13.pdf			
PDF Site Location:					
33	1 of 3	E/180.8	57.9 / -8.37	PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	EHS
Order No:		21033000201		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State:	ON
Report Date:		05-APR-21		Search Radius (km):	.25
Date Received:		30-MAR-21		X:	-75.6762757
Previous Site Name:				Y:	45.4223805
Lot/Building Size:					
Additional Info Ordered:					
33	2 of 3	E/180.8	57.9 / -8.37	PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	EHS
Order No:		21033000201		Nearest Intersection:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: C Report Type: Standard Report Report Date: 05-APR-21 Date Received: 30-MAR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6762757 Y: 45.4223805					
33	3 of 3	E/180.8	57.9 / -8.37	PE52xx - 135 Sweetland Avenue Ottawa ON K1N 7V1	EHS
Order No: 21033000201 Status: C Report Type: Standard Report Report Date: 05-APR-21 Date Received: 30-MAR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6762757 Y: 45.4223805					
34	1 of 1	SW/181.5	69.5 / 3.24	ON	BORE
Borehole ID: 613406 OGF ID: 215514696 Status: Type: Borehole Use: Completion Date: JUN-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 21.2 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 67.8 Elev Reliabil Note: DEM Ground Elev m: 65.6 Concession: Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.421338 Longitude DD: -75.679862 UTM Zone: 18 Easting: 446811 Northing: 5029982 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218394996 Top Depth: 0 Bottom Depth: 2.3 Material Color: Material 1: Material 2: Clay Material 3: Silt Material 4: Sand Gsc Material Description: Stratum Description: ARTIFICIAL.					
Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					
Geology Stratum ID: 218394999 Top Depth: 6.1 Bottom Depth: 12.2 Material Color:					
Mat Consistency: Dense Material Moisture: Material Texture: Non Geo Mat Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Boulders Till			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395003 19.6 21.2			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
	Bedrock Shale Limestone				
	BEDROCK. 00000 025 00075 042 00115 025 00200 010 00400 010 000000120007501200			**Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395001 17.5 18.1			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
	Bedrock Shale				
	BEDROCK.				
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394997 2.3 3.5			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Hard
	Brown Clay Silt				
	CLAY. BROWN,GREY,HARD,FISSURED.				
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218394998 3.5 6.1			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
	Brown Silt Clay Sand				
	SILT. BROWN,GREY,DENSE.				
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395000 12.2 17.5			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
	Boulders Till Sand				
	BOULDERS. DENSE TO VERY DENSE.				
Geology Stratum ID: Top Depth: Bottom Depth:	218395002 18.1 19.6			Mat Consistency: Material Moisture: Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Material Color: Material 1: Bedrock Material 2: Shale Material 3: Limestone Material 4: Gsc Material Description: Stratum Description: BEDROCK. </div> <div> Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: </div> </div>					
Source					
<div> <div> 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: 059140 NTS_Sheet: 31G05G Confiden 1: Logged by professional. Exact and complete description of material and properties. </div> <div> Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level </div> </div>					
Source List					
<div> <div> 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 </div> <div> Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator </div> </div>					
35	1 of 1	NE/185.4	61.4 / -4.84	114 to 122 Russell Avenue Ottawa ON	EHS
<div> <div> Order No: 20190924080 Status: C Report Type: Custom Report Report Date: 25-SEP-19 Date Received: 24-SEP-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.676965 Y: 45.423927 </div> </div>					
36	1 of 3	WNW/186.6	71.9 / 5.63	UNIVERSITY OF OTTAWA 39-419 631 KING EDWARD AVENUE, FULCRUM OTTAWA ON K1N 6N5	GEN
<div> <div> Generator No: ON0179307 SIC Code: 8531 SIC Description: UNIVERSITY EDUCATION Approval Years: 92,93,95,96,97 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: </div> </div>					
Detail(s)					
<div> <div> Waste Class: 264 Waste Class Name: PHOTOPROCESSING WASTES </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
36	2 of 3	WNW/186.6	71.9 / 5.63	UNIVERSITY OF OTTAWA 39-419 631 KING EDWARD AVENUE C/O 550 CUMBERLAND STREET OTTAWA ON K1N 6N5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0179307 8531 UNIVERSITY EDUCATION 94 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		264 PHOTOPROCESSING WASTES			
36	3 of 3	WNW/186.6	71.9 / 5.63	UNIVERSITY OF OTTAWA FULCRUM_ 631 KING EDWARD AVENUE OTTAWA ON K1N 6N5	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON0179307 8531 UNIVERSITY EDUCATION 98,99,00,01 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		264 PHOTOPROCESSING WASTES			
37	1 of 1	NW/188.9	71.9 / 5.63	136 Osgoode St Ottawa ON K1N6S4	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20151019008 C Custom Report 22-OCT-15 19-OCT-15 		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -75.679996 45.424043	
38	1 of 3	NW/189.3	71.9 / 5.64	128 Osgoode St Ottawa ON K1N 6S4	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 21100500028 Status: C Report Type: Custom Report Report Date: 08-OCT-21 Date Received: 05-OCT-21 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: -75.68020791 Y: 45.42392214					
38	2 of 3	NW/189.3	71.9 / 5.64	128 Osgoode St Ottawa ON K1N 6S4	EHS
Order No: 21100500028 Status: C Report Type: Custom Report Report Date: 08-OCT-21 Date Received: 05-OCT-21 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: -75.68020791 Y: 45.42392214					
38	3 of 3	NW/189.3	71.9 / 5.64	128 Osgoode St Ottawa ON K1N 6S4	EHS
Order No: 21100500028 Status: C Report Type: Custom Report Report Date: 08-OCT-21 Date Received: 05-OCT-21 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: -75.68020791 Y: 45.42392214					
39	1 of 1	SE/191.5	58.9 / -7.34	ESSO PETROLEUM CANADA PRIVATE RESIDENCE ON NELSON ST/TEMPLETON ST TANK TRUCK (CARGO) OTTAWA CITY ON	SPL
Ref No: 67802 Site No: Incident Dt: // Year: Incident Cause: UNKNOWN Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: POSSIBLE Nature of Impact: Soil Contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/9/1992 Dt Document Closed: Incident Reason: UNKNOWN Site Name: Site County/District:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: MOE, MCCR 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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality No:		20101			
Site Geo Ref Meth:					
Incident Summary:		ESSO HOME COMFORT - OLD SPILL OF FURNACE OIL TO GR'D(2.7M WIDE/4.5M LONG)			
Contaminant Qty:					
40	1 of 1	SW/193.1	69.5 / 3.24	ON	BORE
Borehole ID:		613403	Inclin FLG:		No
OGF ID:		215514694	SP Status:		Initial Entry
Status:			Surv Elev:		No
Type:		Borehole	Piezometer:		No
Use:			Primary Name:		
Completion Date:		JUN-1970	Municipality:		
Static Water Level:			Lot:		
Primary Water Use:			Township:		
Sec. Water Use:			Latitude DD:		45.421159
Total Depth m:		13	Longitude DD:		-75.679732
Depth Ref:		Ground Surface	UTM Zone:		18
Depth Elev:			Easting:		446821
Drill Method:			Northing:		5029962
Orig Ground Elev m:		64.1	Location Accuracy:		
Elev Reliabil Note:			Accuracy:		Not Applicable
DEM Ground Elev m:		64.7			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218394980	Mat Consistency:		Loose
Top Depth:		4.4	Material Moisture:		
Bottom Depth:		5.8	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Silt	Geologic Formation:		
Material 2:		Clay	Geologic Group:		
Material 3:		Sand	Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:		SILT. LOOSE.			
Geology Stratum ID:		218394981	Mat Consistency:		Loose
Top Depth:		5.8	Material Moisture:		
Bottom Depth:		6.9	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Unknown	Geologic Formation:		
Material 2:		Till	Geologic Group:		
Material 3:			Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:		UNSPECIFIED. LOOSE.			
Geology Stratum ID:		218394977	Mat Consistency:		
Top Depth:		0	Material Moisture:		
Bottom Depth:		1.1	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:			Geologic Formation:		
Material 2:		Sand	Geologic Group:		
Material 3:		Clay	Geologic Period:		
Material 4:		Gravel	Depositional Gen:		
Gsc Material Description:					
Stratum Description:		ARTIFICIAL.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218394984			Mat Consistency:	Dense
Top Depth:	10.4			Material Moisture:	
Bottom Depth:	13			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. VERY DENSE. 00000 008 00037 038 00075 042 00145 025 00190 012 002 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218394979			Mat Consistency:	Stiff
Top Depth:	2.3			Material Moisture:	
Bottom Depth:	4.4			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. BROWN,GREY,VERY STIFF.				
Geology Stratum ID:	218394982			Mat Consistency:	Dense
Top Depth:	6.9			Material Moisture:	
Bottom Depth:	8.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. DENSE.				
Geology Stratum ID:	218394983			Mat Consistency:	Dense
Top Depth:	8.1			Material Moisture:	
Bottom Depth:	10.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. DENSE.				
Geology Stratum ID:	218394978			Mat Consistency:	Hard
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	2.3			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. BROWN,GREY,VERY STIFF TO HARD.				
<u>Source</u>					
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)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Details:		File: OTTAWA2.txt RecordID: 059110 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			
41	1 of 1	ENE/193.5	59.5 / -6.74	287 Somerset St E Ottawa ON K1N6V7	EHS
Order No:		20160216045	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		ON
Report Date:		19-FEB-16	Search Radius (km):		.25
Date Received:		16-FEB-16	X:		-75.676603
Previous Site Name:			Y:		45.423761
Lot/Building Size:					
Additional Info Ordered:					
42	1 of 2	NNW/193.8	70.3 / 4.02	Osgoode Street & Sweetland Ottawa ON K1N 6S6	EHS
Order No:		22051900491	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Standard Report	Client Prov/State:		ON
Report Date:		25-MAY-22	Search Radius (km):		.25
Date Received:		19-MAY-22	X:		-75.6789726
Previous Site Name:			Y:		45.4244019
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
42	2 of 2	NNW/193.8	70.3 / 4.02	Osgoode Street & Sweetland Ottawa ON K1N 6S6	EHS
Order No:		22051900491	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Standard Report	Client Prov/State:		ON
Report Date:		25-MAY-22	Search Radius (km):		.25
Date Received:		19-MAY-22	X:		-75.6789726
Previous Site Name:			Y:		45.4244019
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory			
43	1 of 1	NE/194.9	60.4 / -5.88	118 Russell Avenue Ottawa ON K1N 7X1	EHS
Order No:		20190927012	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		ON
Report Date:		03-OCT-19	Search Radius (km):		.3
Date Received:		27-SEP-19	X:		-75.676861
Previous Site Name:			Y:		45.423976
Lot/Building Size:					
Additional Info Ordered:		City Directory			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	1 of 5	S/196.9	63.9 / -2.37	University of Ottawa 25 Templeton St Ottawa ON K1N7B7	GEN
Generator No:		ON3651022			
SIC Code:		611310			
SIC Description:		UNIVERSITIES			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:		Sabrina SD Dussault			
Choice of Contact:		CO_ADMIN			
Phone No Admin:		613-562-5800 Ext.3055			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
44	2 of 5	S/196.9	63.9 / -2.37	University of Ottawa 25 Templeton St Ottawa ON K1N7B7	GEN
Generator No:		ON3651022			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
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:		312 P			
Waste Class Name:		Pathological wastes			
44	3 of 5	S/196.9	63.9 / -2.37	University of Ottawa 25 Templeton St Ottawa ON K1N7B7	GEN
Generator No:		ON3651022			
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
44	4 of 5	S/196.9	63.9 / -2.37	University of Ottawa 25 Templeton St Ottawa ON K1N7B7	GEN
Generator No:		ON3651022			
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:		312 P			
Waste Class Name:		Pathological wastes			
44	5 of 5	S/196.9	63.9 / -2.37	University of Ottawa 25 Templeton St Ottawa ON K1N7B7	GEN
Generator No:		ON3651022			
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:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			
45	1 of 1	SSW/197.6	65.2 / -1.01	University of Ottawa 727 King Edward Ave lots part of lots 22-31 and part of lots 19-21 ref plan. 37219 and 31694 Ottawa ON K1N 7B7	ECA
Approval No:		6576-92EMMV		MOE District:	
Approval Date:		2012-11-30		City:	
Status:		Approved		Longitude:	
Record Type:		ECA		Latitude:	
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS University of Ottawa 727 King Edward Ave lots part of lots 22-31 and part of lots 19-21 ref plan. 37219 and 31694 https://www.accessenvironment.ene.gov.on.ca/instruments/4682-8VAQKY-14.pdf			
46	1 of 1	E/199.5	58.2 / -8.06	172/174 Russell Avenue Ottawa ON K1N 7X4	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		22080300399 C RSC Report (Urban) 08-AUG-22 03-AUG-22 Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .3 -75.67600148 45.42279375	
47	1 of 1	NNW/200.4	70.4 / 4.17	68 Sweetland Ave Ottawa ON K1N 7T8	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20190624079 C Standard Report 28-JUN-19 24-JUN-19 Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -75.679035 45.424454	
48	1 of 1	ESE/201.2	58.9 / -7.38	University of Ottawa Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON K1N 1E3	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		3690-5VGTYM 2004-06-22 Approved ECA IDS Rideau Valley ECA-AIR AIR University of Ottawa Bioscience, 20 Marie Curie, Lot E, Concession D https://www.accessenvironment.ene.gov.on.ca/instruments/9927-5PHGPE-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
				Ottawa -75.6766 45.4215 	
49	1 of 1	NW/202.4	71.9 / 5.63	138, 140, 142 And 144 Osgoode Street Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name:		20120307001 C Custom Report 3/13/2012 7:24:47 AM 3/7/2012 7:22:08 AM 		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON 0.25 -75.679885 45.424242	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size: Additional Info Ordered:					
50	1 of 1	SW/204.8	69.9 / 3.61	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
NPRI ID: 7670 Other ID: * No Other ID: Track ID: 85191 Report ID: 139073 Report Type: DNMC Rpt Type ID: 2 Report Year: 2009 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 142880 Fac Name: PHYSICAL RESOURCES SERVICE Fac Address1: 720 KING EDWARD STREET Fac Address2: NOT AVAILABLE Fac Postal Zip: K1N6N5 Facility Lat: 45.4212 Facility Long: -75.6801 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: No URL: www.uottawa.ca/services/ehss No of Empl.: 0 Parent Co.: * No Parent Co.: Pollut Prev Cmnts: No Stacks: No No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities NAICS Code (6 digit): 611310 NAICS 6 Description: Universities		Org ID: 71354 Submit Date: 5/25/2010 Last Modified: 5/29/2015 3:28:24 PM Contact ID: Cont Type: Contact Title: Cont First Name: Cont Last Name: Contact Position: Contact Fax: Contact Ph.: Cont Area Code: Contact Tel.: Contact Ext.: Cont Fax Area Cde: Contact Fax: Contact Email: Latitude: 45.4212 Longitude: -75.6801 UTM Zone: UTM Northing: UTM Easting: Waste Streams: No No Streams: Waste Off Sites: No No Off Sites: Shutdown: No No of Shutdown:			
51	1 of 2	ENE/205.2	58.9 / -7.31	R.M. OF OTTAWA-CARLETON RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	CA
Certificate #: 7-0260-97- Application Year: 97 Issue Date: 4/15/1997 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
51	2 of 2	ENE/205.2	58.9 / -7.31	OTTAWA CITY RUSSELL AVE/SOMERSET ST.E. OTTAWA CITY ON	CA	
Certificate #:		3-0345-97-				
Application Year:		97				
Issue Date:		4/15/1997				
Approval Type:		Municipal sewage				
Status:		Approved				
Application Type:						
Client Name:						
Client Address:						
Client City:						
Client Postal Code:						
Project Description:						
Contaminants:						
Emission Control:						
52	1 of 1	SW/207.1	70.1 / 3.85	ON	BORE	
Borehole ID:		613407		Inclin FLG:		No
OGF ID:		215514697		SP Status:		Initial Entry
Status:				Surv Elev:		No
Type:		Borehole		Piezometer:		No
Use:				Primary Name:		
Completion Date:		JUN-1970		Municipality:		
Static Water Level:				Lot:		
Primary Water Use:				Township:		
Sec. Water Use:				Latitude DD:		45.421335
Total Depth m:		11.1		Longitude DD:		-75.680373
Depth Ref:		Ground Surface		UTM Zone:		18
Depth Elev:				Easting:		446771
Drill Method:				Northing:		5029982
Orig Ground Elev m:		68.1		Location Accuracy:		
Elev Reliabil Note:				Accuracy:		Not Applicable
DEM Ground Elev m:		66				
Concession:						
Location D:						
Survey D:						
Comments:						
<u>Borehole Geology Stratum</u>						
Geology Stratum ID:		218395011		Mat Consistency:		Dense
Top Depth:		8.1		Material Moisture:		
Bottom Depth:		10.4		Material Texture:		
Material Color:				Non Geo Mat Type:		
Material 1:		Unknown		Geologic Formation:		
Material 2:		Till		Geologic Group:		
Material 3:				Geologic Period:		
Material 4:				Depositional Gen:		
Gsc Material Description:						
Stratum Description:		UNSPECIFIED. LOOSE,DENSE.				
Geology Stratum ID:		218395004		Mat Consistency:		
Top Depth:		0		Material Moisture:		
Bottom Depth:		1.5		Material Texture:		
Material Color:				Non Geo Mat Type:		
Material 1:				Geologic Formation:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL.				
Geology Stratum ID:	218395006			Mat Consistency:	Hard
Top Depth:	3			Material Moisture:	
Bottom Depth:	4.6			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. BROWN,GREY,HARD.				
Geology Stratum ID:	218395008			Mat Consistency:	
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	6.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT.				
Geology Stratum ID:	218395007			Mat Consistency:	Stiff
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:	Brown			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. BROWN,GREY,STIFF,FISSURED.				
Geology Stratum ID:	218395009			Mat Consistency:	Dense
Top Depth:	6.9			Material Moisture:	
Bottom Depth:	7.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT. DENSE.				
Geology Stratum ID:	218395005			Mat Consistency:	Stiff
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	3			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. BROWN,GREY,VERY STIFF, FISSURED.				
Geology Stratum ID:	218395010			Mat Consistency:	Dense
Top Depth:	7.3			Material Moisture:	
Bottom Depth:	8.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Sand Clay			Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395012 10.4 11.1 Unknown Till Sand	GRAVEL. DENSE.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
		UNSPECIFIED. LOOSE,DENSE. 00000 030 00050 041 00100 041 00150 066 00200 022 00 **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:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 059150 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		

53	1 of 2	E/208.0	58.2 / -8.06	172-174 Russell Avenue Ottawa ON K1N 7X4	EHS
Order No:	22080400018	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	09-AUG-22	Search Radius (km):	.25		
Date Received:	04-AUG-22	X:	-75.6758912		
Previous Site Name:		Y:	45.4227864		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory				

53	2 of 2	E/208.0	58.2 / -8.06	172-174 Russell Avenue Ottawa ON K1N 7X4	EHS
Order No:	22080400018	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:	ON		
Report Date:	09-AUG-22	Search Radius (km):	.25		
Date Received:	04-AUG-22	X:	-75.6758912		
Previous Site Name:		Y:	45.4227864		
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	1 of 1	NE/208.7	60.4 / -5.88	ENBRIDGE GAS INC 114 RUSSELL AVE,,OTTAWA,ON,K1N 7X1,CA ON	PINC
Incident Id: Incident No: 3079028 Incident Reported Dt: 7/13/2021 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: 114 RUSSELL AVE,,OTTAWA,ON,K1N 7X1,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:			
55	1 of 1	WNW/212.6	71.9 / 5.63	122 OSGOOD STREET, OTTAWA ON	INC
Incident No: 336106 Incident ID: 2487590 Instance No: Status Code: Causal Analysis Complete Attribute Category: FS-Perform L1 Incident Insp Context: Date of Occurrence: 2010/03/03 00:00:00 Time of Occurrence: NULL Incident Created On: Instance Creation Dt: Instance Install Dt: Occur Insp Start Date: 2010/03/03 00:00:00 Approx Quant Rel: 1-2 L Tank Capacity: Fuels Occur Type: Discovery of a Petroleum Product Fuel Type Involved: Fuel Oil Enforcement Policy: NULL Prc Escalation Req: NULL Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: 2771913 Notes: Drainage System: No Sub Surface Contam.: surface of concrete floor Aff Prop Use Water: No Contam. Migrated: No Contact Natural Env: No Incident Location: 122 OSGOOD STREET, OTTAWA - LEAK		Any Health Impact: No Any Enviro Impact: No Service Interrupted: No 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: No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Narrative: Operation Type Involved: Item: Item Description: Device Installed Location:		NULL	Commercial (e.g. restaurant, business unit, etc)		
56	1 of 6	SW/213.7	69.9 / 3.61	UNIVERSITY OF OTTAWA 141 LOUIS PASTEUR OTTAWA CITY ON K1N 6N5	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:		8-4192-94-94 1/18/1995 Industrial air Approved in 1995	RETROFIT SNOW MELTING PIT No Controls		
56	2 of 6	SW/213.7	69.9 / 3.61	UNIVERSITY OF OTTAWA, MAIN CAMPUS 141 LOUIS PASTEUR PRIVATE OTTAWA CITY ON K1N 6N5	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:		8-4180-97-97 1/14/1998 Industrial air	NEW LOW NOX SUMMER BOILER AT POWER PLANT Nitrogen Oxides No Controls		
56	3 of 6	SW/213.7	69.9 / 3.61	LENNARTZ AUTO-SERVICE 141 LOUIS-PASTEUR PVT,,OTTAWA,ON,K1N 6N5,CA ON	VAR
Incident No: Status: Incident Reported Dt: Incident Created On:		009501868-001 Variance Approved 4/10/1993 7/18/2009	Item Instance: Incident Type: Aband USTs:	NULL FS-Variance Abandon UST	
56	4 of 6	SW/213.7	69.9 / 3.61	DURHAM COMBUSTION LTD 141 LOUIS PASTEUR PVT OTTAWA ON	DTNK

Delisted Expired Fuel Safety

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facilities					
Instance No:	51609483			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	
Instance ID:	327072			Facility Location:	
Instance Type:	FS Appliance			Facility Type:	
Instance Creation Dt:				Fuel Type 2:	
Instance Install Dt:				Fuel Type 3:	
Item Description:				Panam Related:	
Manufacturer:				Panam Venue Nm:	
Model:				External Identifier:	
Serial No:				Item:	
ULC Standard:				Piping Steel:	
Quantity:				Piping Galvanized:	
Unit of Measure:				Tank Single Wall St:	
Overfill Prot Type:				Piping Underground:	
Creation Date:				Tank Underground:	
Next Periodic Str DT:				Source:	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:	FS Appliance				
Original Source:	EXP				
Record Date:	Up to Mar 2012				
56	5 of 6	SW/213.7	69.9 / 3.61	Triangle Pump Service Limited 141 Louis Pasteur; 130 Louis Pasteur Ottawa; Ottawa ON K1N 6N5;	SPL
Ref No:	4620-9ZZMRC			Discharger Report:	
Site No:	6045-8GXQUJ; NA			Material Group:	
Incident Dt:	9/3/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			Site Address:	141 Louis Pasteur; 130 Louis Pasteur
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	K1N 6N5;
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Ottawa; Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	NA;
MOE Response:	No			Easting:	NA;
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	NA;
MOE Reported Dt:	9/3/2015			Site Map Datum:	NA;
Dt Document Closed:	12/1/2015			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	University of Ottawa; University of Ottawa<UNOFFICIAL>				
Site County/District:					
Municipality No:					
Site Geo Ref Meth:	NA;				
Incident Summary:	TSSA FSB: University of Ottawa: 20 L diesel spill, cntd				
Contaminant Qty:	20 L				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
56	6 of 6	SW/213.7	69.9 / 3.61	Elevation Elevator Inc. 141 Louis Pasteur Ottawa ON K1N6N5	GEN
Generator No:		ON7397510			
SIC Code:		238291			
SIC Description:		ELEVATOR AND ESCALATOR INSTALLATION CONTRACTORS			
Approval Years:		2015			
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:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
57	1 of 2	NNW/216.5	70.8 / 4.55	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			
57	2 of 2	NNW/216.5	70.8 / 4.55	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:					
58	1 of 1	N/218.4	69.5 / 3.22	65 Sweetland Ave Ottawa ON K1N7T9	EHS
Order No:		20170328051		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:	-75.67824
Previous Site Name:				Y:	45.424638
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
59	1 of 1	WNW/226.4	71.9 / 5.63	ESSO PETROLEUM CANADA 120 OSGOOD STREET TANK TRUCK (CARGO) OTTAWA CITY ON K1N 6S2	SPL
<div> <div> Ref No: 58041 Site No: Incident Dt: 10/1/1991 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: Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/1/1991 Dt Document Closed: Incident Reason: OVERSTRESS/OVERPRESSURE Site Name: Site County/District: Municipality No: 20101 Site Geo Ref Meth: Incident Summary: ESSO: 1 L FURNACE OIL TO LAND DURING FILLING Contaminant Qty: </div> <div> 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: </div> </div>					
60	1 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	GEN
<div> Generator No: ON0179305 SIC Code: 0000 SIC Description: *** NOT DEFINED *** Approval Years: 86,87,88,89,90 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: </div>					
60	2 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY (OUT OF BUSINESS) PHYSICAL POWER PLANT 720 KING EDWARD AVENUE OTTAWA ON K1N 6N5	GEN
<div> Generator No: ON0179305 SIC Code: 0000 SIC Description: *** NOT DEFINED *** Approval Years: 92,93,94 PO Box No: Country: Status: Co Admin: Choice of Contact: </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Phone No Admin: Contaminated Facility: MHSW Facility:					
60	3 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD ST. NOT AVAILABLE OTTAWA ON K1N 6N5	NPRI
NPRI ID: 7670 Other ID: Y No Other ID: 3 Track ID: 19178 Report ID: 163595 Report Type: NPRI Rpt Type ID: 1 Report Year: 2002 Not-Current Rpt?: No		Org ID: 71354 Submit Date: 7/29/2003 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 187860 Cont Type: MED Contact Title: Cont First Name: MICHAEL Cont Last Name: HISTED Contact Position: DIRECTOR OF ENVIRONMENTAL HEALTH AND SAFETY SERVICES			
Yr of Last Filed Rpt: 2009 Fac ID: 142887 Fac Name: PHYSICAL RESOURCES SERVICE Fac Address1: 720 KING EDWARD ST. Fac Address2: NOT AVAILABLE Fac Postal Zip: K1N 6N5 Facility Lat: Facility Long: DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: Fals URL: www.uottawa.ca No of Empl.: 2850 Parent Co.: * No Parent Co.: 1 Pollut Prev Cmnts: Fals Stacks: False No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities NAICS Code (6 digit): 611310 NAICS 6 Description: Universities		Contact Fax: 6135625112 Contact Ph.: 6135625273 Cont Area Code: 613 Contact Tel.: 35625273 Contact Ext.: Cont Fax Area Cde: 613 Contact Fax: 35625112 Contact Email: MHISTED@UOTTAWA.CA Latitude: 45.4212 Longitude: -75.6801 UTM Zone: UTM Northing: UTM Easting: Waste Streams: False No Streams: 0 Waste Off Sites: False No Off Sites: 0 Shutdown: False No of Shutdown: 0			
Substance Release Report					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: PM - Total Particulate Matter Chem (fr): PM - Particules totales Quantity: .337 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward					
Category Type ID: 13 Category Type Desc: All Media					

<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>
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM2.5 - Particulate Matter <= 2.5 Microns			
Chem (fr):		PM2,5 - Matière particulaire <= 2,5 microns			
Quantity:		.337			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		11.427			
Unit:		tonnes			
Basis of Estimate Cd:		E E2			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		5			
Category Type Desc:		Other Non-Point			
Category Type Desc (fr):		Autres rejets non ponctuels			
Grouping:		Total Air			
Trans Code:					
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		1.117			
Unit:		tonnes			
Basis of Estimate Cd:		E E2			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		13.603			
Unit:		tonnes			
Basis of Estimate Cd:		E E2			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM10 - Particulate Matter <= 10 Microns			
Chem (fr):		PM10 - Matière particulaire <= 10 microns			
Quantity:		.337			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Sulphur dioxide			
Chem (fr):		Dioxyde de soufre			
Quantity:		.155			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.773			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		5			
Category Type Desc:		Other Non-Point			
Category Type Desc (fr):		Autres rejets non ponctuels			
Grouping:		Total Air			
Trans Code:					
Chem:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		.242			
Unit:		tonnes			
Basis of Estimate Cd:		E E2			
Basis of Estimate Desc:		E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward			

60	4 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
<hr/>					
NPRI ID:	7670			Org ID:	71354
Other ID:	Y			Submit Date:	5/27/2004
No Other ID:	3			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	74961			Contact ID:	187860
Report ID:	155230			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	MICHAEL
Report Year:	2003			Cont Last Name:	HISTED
Not-Current Rpt?:	No			Contact Position:	DIRECTOR OF ENVIRONMENTAL HEALTH AND SAFETY SERVICES
Yr of Last Filed Rpt:	2009			Contact Fax:	6135625112
Fac ID:	142880			Contact Ph.:	6135625273
Fac Name:	PHYSICAL RESOURCES SERVICE			Cont Area Code:	613
Fac Address1:	720 KING EDWARD STREET			Contact Tel.:	35625273
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1N6N5			Cont Fax Area Cde:	613
Facility Lat:	45.4212			Contact Fax:	35625112
Facility Long:	-75.6801			Contact Email:	MHISTED@UOTTAWA.CA
DLS (Last Filed Rpt):				Latitude:	45.4212
Facility DLS:				Longitude:	-75.6801
Datum:	1983			UTM Zone:	
Facility Cmnts:	False			UTM Northing:	
URL:	www.uottawa.ca/services/ehss			UTM Easting:	
No of Empl.:	2850			Waste Streams:	True
Parent Co.:	*			No Streams:	
No Parent Co.:	1			Waste Off Sites:	False
Pollut Prev Cmnts:	False			No Off Sites:	
Stacks:	True			Shutdown:	True
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (2 digit):		61			
NAICS 2 Description:		Educational services			
NAICS Code (4 digit):		6113			
NAICS 4 Description:		Universities			
NAICS Code (6 digit):		611310			
NAICS 6 Description:		Universities			
<u>Substance Release Report</u>					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Sulphur dioxide			
Chem (fr):		Dioxyde de soufre			
Quantity:		8.153			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM2.5 - Particulate Matter <= 2.5 Microns			
Chem (fr):		PM2,5 - Matière particulaire <= 2,5 microns			
Quantity:		.305			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		14.858			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.828			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		.486			

<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>
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	5				
Category Type Desc:	Other Non-Point				
Category Type Desc (fr):	Autres rejets non ponctuels				
Grouping:	Total Air				
Trans Code:					
Chem:	Carbon monoxide				
Chem (fr):	Monoxyde de carbone				
Quantity:	1.913				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	5				
Category Type Desc:	Other Non-Point				
Category Type Desc (fr):	Autres rejets non ponctuels				
Grouping:	Total Air				
Trans Code:					
Chem:	Sulphur dioxide				
Chem (fr):	Dioxyde de soufre				
Quantity:	.215				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	PM10 - Particulate Matter <= 10 Microns				
Chem (fr):	PM10 - Matière particulaire <= 10 microns				
Quantity:	.384				
Unit:	tonnes				
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:	5				
Category Type Desc:	Other Non-Point				
Category Type Desc (fr):	Autres rejets non ponctuels				
Grouping:	Total Air				
Trans Code:					
Chem:	Nitrogen oxides (expressed as NO2)				
Chem (fr):	Oxydes d'azote (exprimés en NO2)				
Quantity:	2.323				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				
Category Type ID:	1				
Category Type Desc:	Stack / Point				
Category Type Desc (fr):	Rejets de cheminée ou ponctuels				
Grouping:	Total Air				
Trans Code:	ASta				
Chem:	Carbon monoxide				
Chem (fr):	Monoxyde de carbone				
Quantity:	10.924				
Unit:	tonnes				
Basis of Estimate Cd:	E2				
Basis of Estimate Desc:	E2- Published Emission Factors - In use from 2003 and onward				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	5 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
<div> <div> NPRI ID: 7670 Other ID: Y No Other ID: 3 Track ID: 41758 Report ID: 93389 Report Type: NPRI Rpt Type ID: 1 Report Year: 2004 Not-Current Rpt?: No </div> <div> Yr of Last Filed Rpt: 2009 Fac ID: 142880 Fac Name: PHYSICAL RESOURCES SERVICE Fac Address1: 720 KING EDWARD STREET Fac Address2: NOT AVAILABLE Fac Postal Zip: K1N6N5 Facility Lat: 45.4212 Facility Long: -75.6801 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: True URL: www.uottawa.ca/services/ehss No of Empl.: 2850 Parent Co.: N No Parent Co.: Pollut Prev Cmnts: True Stacks: Yes No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities NAICS Code (6 digit): 611310 NAICS 6 Description: Universities </div> </div>					
<div> <div> Org ID: 71354 Submit Date: 8/10/2006 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 187860 Cont Type: MED Contact Title: Cont First Name: MICHAEL Cont Last Name: HISTED Contact Position: DIRECTOR OF ENVIRONMENTAL HEALTH AND SAFETY SERVICES Contact Fax: 6135625112 Contact Ph.: 6135625273 Cont Area Code: 613 Contact Tel.: 35625273 Contact Ext.: Cont Fax Area Cde: 613 Contact Fax: 35625112 Contact Email: MHISTED@UOTTAWA.CA Latitude: 45.4212 Longitude: -75.6801 UTM Zone: UTM Northing: UTM Easting: Waste Streams: False No Streams: Waste Off Sites: False No Off Sites: Shutdown: No of Shutdown: </div> </div>					
<u>Substance Release Report</u>					
<div> <div> Category Type ID: 5 Category Type Desc: Other Non-Point Category Type Desc (fr): Autres rejets non ponctuels Grouping: Total Air Trans Code: Chem: Sulphur dioxide Chem (fr): Dioxyde de soufre Quantity: .164 Unit: tonnes Basis of Estimate Cd: E2 Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward </div> </div>					
<div> <div> Category Type ID: 5 Category Type Desc: Other Non-Point Category Type Desc (fr): Autres rejets non ponctuels Grouping: Total Air Trans Code: Chem: Carbon monoxide Chem (fr): Monoxyde de carbone </div> </div>					

<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>
Quantity:		2.204			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		17.394			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM2.5 - Particulate Matter <= 2.5 Microns			
Chem (fr):		PM2,5 - Matière particulaire <= 2,5 microns			
Quantity:		.354			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		5			
Category Type Desc:		Other Non-Point			
Category Type Desc (fr):		Autres rejets non ponctuels			
Grouping:		Total Air			
Trans Code:					
Chem:		Nitrogen oxides (expressed as NO2)			
Chem (fr):		Oxydes d'azote (exprimés en NO2)			
Quantity:		2.658			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Carbon monoxide			
Chem (fr):		Monoxyde de carbone			
Quantity:		12.687			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM10 - Particulate Matter <= 10 Microns			
Chem (fr):		PM10 - Matière particulaire <= 10 microns			
Quantity:		.452			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM - Total Particulate Matter			
Chem (fr):		PM - Particules totales			
Quantity:		.5790000000000001			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		Volatile Organic Compounds (VOCs)			
Chem (fr):		Composés organiques volatils (COV)			
Quantity:		.959			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
Category Type ID:		1			
Category Type Desc:		Stack / Point			
Category Type Desc (fr):		Rejets de cheminée ou ponctuels			
Grouping:		Total Air			
Trans Code:		ASta			
Chem:		Sulphur dioxide			
Chem (fr):		Dioxyde de soufre			
Quantity:		10.064			
Unit:		tonnes			
Basis of Estimate Cd:		E2			
Basis of Estimate Desc:		E2- Published Emission Factors - In use from 2003 and onward			
<hr/>					
60	6 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
NPRI ID:	7670			Org ID:	71354
Other ID:	Y			Submit Date:	6/1/2006
No Other ID:	3			Last Modified:	5/29/2015 3:28:24 PM
Track ID:	40049			Contact ID:	187860
Report ID:	96778			Cont Type:	MED
Report Type:	NPRI			Contact Title:	
Rpt Type ID:	1			Cont First Name:	MICHAEL
Report Year:	2005			Cont Last Name:	HISTED
Not-Current Rpt?:	No			Contact Position:	DIRECTOR OF ENVIRONMENTAL HEALTH AND SAFETY SERVICES
Yr of Last Filed Rpt:	2009			Contact Fax:	6135625112
Fac ID:	142880			Contact Ph.:	6135625273
Fac Name:	PHYSICAL RESOURCES SERVICE			Cont Area Code:	613
Fac Address1:	720 KING EDWARD STREET			Contact Tel.:	35625273
Fac Address2:	NOT AVAILABLE			Contact Ext.:	
Fac Postal Zip:	K1N6N5			Cont Fax Area Cde:	613
Facility Lat:	45.4212			Contact Fax:	35625112
Facility Long:	-75.6801			Contact Email:	MHISTED@UOTTAWA.CA
DLS (Last Filed Rpt):				Latitude:	45.4212
Facility DLS:				Longitude:	-75.6801
Datum:	1983			UTM Zone:	
Facility Cmnts:	Fals			UTM Northing:	
URL:	www.uottawa.ca/services/ehss			UTM Easting:	
No of Empl.:	5192			Waste Streams:	False
Parent Co.:	N			No Streams:	
No Parent Co.:				Waste Off Sites:	False

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pollut Prev Cmnts: False Stacks: False No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities NAICS Code (6 digit): 611310 NAICS 6 Description: Universities					
No Off Sites: Shutdown: No of Shutdown:					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: PM2.5 - Particulate Matter <= 2.5 Microns Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns Quantity: .33999999999999999 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
60	7 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
NPRI ID: 7670 Other ID: Y No Other ID: 3 Track ID: 49107 Report ID: 110095 Report Type: NPRI Rpt Type ID: 1 Report Year: 2006 Not-Current Rpt?: No Yr of Last Filed Rpt: 2009 Fac ID: 142880 Fac Name: PHYSICAL RESOURCES SERVICE Fac Address1: 720 KING EDWARD STREET Fac Address2: NOT AVAILABLE Fac Postal Zip: K1N6N5 Facility Lat: 45.4212 Facility Long: -75.6801 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: False URL: www.uottawa.ca/services/ehss No of Empl.: 5192 Parent Co.: N No Parent Co.: Pollut Prev Cmnts: False Stacks: True No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description:					
Org ID: 71354 Submit Date: 5/31/2007 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 187856 Cont Type: MED Contact Title: Cont First Name: MICHAEL Cont Last Name: HISTED Contact Position: DIRECTOR OF ENVIRONMENTAL HEALTH AND SAFETY SERVICES Contact Fax: 6135625112 Contact Ph.: 6135625273 Cont Area Code: 613 Contact Tel.: 35625273 Contact Ext.: Cont Fax Area Cde: 613 Contact Fax: 35625112 Contact Email: MHISTED@UOTTAWA.CA Latitude: 45.4212 Longitude: -75.6801 UTM Zone: UTM Northing: UTM Easting: Waste Streams: True No Streams: Waste Off Sites: False No Off Sites: Shutdown: No of Shutdown:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities NAICS Code (6 digit): 611310 NAICS 6 Description: Universities					
<u>Substance Release Report</u>					
Category Type ID: 13 Category Type Desc: All Media Category Type Desc (fr): Rejets à tous les médias Grouping: Total All Media<1t Trans Code: Chem: PM2.5 - Particulate Matter <= 2.5 Microns Chem (fr): PM2,5 - Matière particulaire <= 2,5 microns Quantity: .38 Unit: tonnes Basis of Estimate Cd: Basis of Estimate Desc:					
60	8 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
NPRI ID: 7670 Other ID: Y No Other ID: 1.00 Track ID: 53702 Report ID: 113907 Report Type: NPRI Rpt Type ID: 1 Report Year: 2007 Not-Current Rpt?: No					
Yr of Last Filed Rpt: 2009 Fac ID: 142880 Fac Name: PHYSICAL RESOURCES SERVICE Fac Address1: 720 KING EDWARD STREET Fac Address2: NOT AVAILABLE Fac Postal Zip: K1N6N5 Facility Lat: 45.4212 Facility Long: -75.6801 DLS (Last Filed Rpt): Facility DLS: Datum: 1983 Facility Cmnts: False URL: www.uottawa.ca/services/ehss No of Empl.: 7011 Parent Co.: N No Parent Co.: Pollut Prev Cmnts: False Stacks: True No of Stacks: Canadian SIC Code (2 digit): Canadian SIC Code: SIC Code Description: American SIC Code: NAICS Code (2 digit): 61 NAICS 2 Description: Educational services NAICS Code (4 digit): 6113 NAICS 4 Description: Universities					
Org ID: 71354 Submit Date: 5/26/2008 Last Modified: 5/29/2015 3:28:24 PM Contact ID: 187867 Cont Type: MED Contact Title: Cont First Name: MICHAEL Cont Last Name: HISTED Contact Position: DIRECTOR, OFFICE OF RISK MANAGEMENT, ENVIRONMENTAL, HEALTH A Contact Fax: 6137895711 Contact Ph.: 6135625273 Cont Area Code: 613 Contact Tel.: 35625273 Contact Ext.: Cont Fax Area Cde: 613 Contact Fax: 37895711 Contact Email: MHISTED@UOTTAWA.CA Latitude: 45.4212 Longitude: -75.6801 UTM Zone: UTM Northing: UTM Easting: Waste Streams: True¿ No Streams: Waste Off Sites: True¿ No Off Sites: Shutdown: No of Shutdown:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Code (6 digit):		611310			
NAICS 6 Description:		Universities			
<u>Substance Release Report</u>					
Category Type ID:		13			
Category Type Desc:		All Media			
Category Type Desc (fr):		Rejets à tous les médias			
Grouping:		Total All Media<1t			
Trans Code:					
Chem:		PM2.5 - Particulate Matter <= 2.5 Microns			
Chem (fr):		PM2,5 - Matière particulaire <= 2,5 microns			
Quantity:		.326			
Unit:		tonnes			
Basis of Estimate Cd:					
Basis of Estimate Desc:					
60	9 of 17	SSW/227.4	67.9 / 1.63	UNIVERSITY OF OTTAWA 720 KING EDWARD STREET NOT AVAILABLE OTTAWA ON K1N6N5	NPRI
NPRI ID:		7670		Org ID:	71354
Other ID:		Y		Submit Date:	5/22/2009
No Other ID:		1		Last Modified:	5/29/2015 3:28:24 PM
Track ID:		63497		Contact ID:	187867
Report ID:		125011		Cont Type:	MED
Report Type:		NPRI		Contact Title:	
Rpt Type ID:		1		Cont First Name:	MICHAEL
Report Year:		2008		Cont Last Name:	HISTED
Not-Current Rpt?:		No		Contact Position:	DIRECTOR, OFFICE OF RISK MANAGEMENT, ENVIRONMENTAL, HEALTH A
Yr of Last Filed Rpt:		2009		Contact Fax:	6137895711
Fac ID:		142880		Contact Ph.:	6135625273
Fac Name:		PHYSICAL RESOURCES SERVICE		Cont Area Code:	613
Fac Address1:		720 KING EDWARD STREET		Contact Tel.:	35625273
Fac Address2:		NOT AVAILABLE		Contact Ext.:	
Fac Postal Zip:		K1N6N5		Cont Fax Area Cde:	613
Facility Lat:		45.4212		Contact Fax:	37895711
Facility Long:		-75.6801		Contact Email:	MHISTED@UOTTAWA.CA
DLS (Last Filed Rpt):				Latitude:	45.4212
Facility DLS:				Longitude:	-75.6801
Datum:		1983		UTM Zone:	
Facility Cmnts:		No		UTM Northing:	
URL:		www.uottawa.ca/services/ehss		UTM Easting:	
No of Empl.:		7011		Waste Streams:	No
Parent Co.:		N		No Streams:	
No Parent Co.:				Waste Off Sites:	No
Pollut Prev Cmnts:		No		No Off Sites:	
Stacks:		Yes		Shutdown:	No
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):		61			
NAICS 2 Description:		Educational services			
NAICS Code (4 digit):		6113			
NAICS 4 Description:		Universities			
NAICS Code (6 digit):		611310			
NAICS 6 Description:		Universities			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Category Type ID:	13				
Category Type Desc:	All Media				
Category Type Desc (fr):	Rejets à tous les médias				
Grouping:	Total All Media<1t				
Trans Code:					
Chem:	PM2.5 - Particulate Matter <= 2.5 Microns				
Chem (fr):	PM2,5 - Matière particulaire <= 2,5 microns				
Quantity:	.19				
Unit:	tonnes				
Basis of Estimate Cd:					
Basis of Estimate Desc:					

60	11 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward St. Ottawa ON K1N 6N5	SPL
Ref No:	2845-843QYF			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Pipe Or Hose Leak			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			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:	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 3/31/2010 Dt Document Closed: 5/8/2010 Incident Reason: Site Name: 720 King Edward St. <UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: University of Ottawa: 250lbs R134A to inside of building. Contaminant Qty: 250 lb					
Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Air Spills - Gases and Vapours Source Type:					
60	12 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward Avenue Ottawa ON K1N 6N5	CA
Certificate #: 2488-6SSJEA Application Year: 2006 Issue Date: 10/17/2006 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
60	13 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward Avenue Ottawa ON K1N 6N5	CA
Certificate #: 7053-6S5KS6 Application Year: 2006 Issue Date: 8/4/2006 Approval Type: Air Status: Revoked and/or Replaced Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
60	14 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward Ave Ottawa ON K1N 6N5	ECA
Approval No: 7053-6S5KS6 Approval Date: 2006-08-04 Status: Revoked and/or Replaced Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-AIR Project Type: AIR					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Business Name: University of Ottawa Address: 720 King Edward Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4500-6CFQ4F-14.pdf PDF Site Location:					
60	15 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward Ave Ottawa ON K1N 6N5	ECA
Approval No: 2488-6SSJEA Approval Date: 2006-10-17 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-AIR Project Type: AIR Business Name: University of Ottawa Address: 720 King Edward Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3825-6SSHTD-14.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
60	16 of 17	SSW/227.4	67.9 / 1.63	University of Ottawa 720 King Edward Avenue Ottawa ON	SPL
Ref No: 4547-B9SRW8 Site No: NA Incident Dt: 2/27/2019 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 38 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1078 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2/27/2019 Dt Document Closed: 3/5/2019 Incident Reason: Unknown / N/A Site Name: King Edward Power Plant<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: King Edward Power Plant: 992lbs of R134A refrigerant to atm Contaminant Qty: 992 lb					
Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Other (Describe) Sector Type: Electric Power Generation Agency Involved: Nearest Watercourse: Site Address: 720 King Edward Avenue 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: Air Spills - Gases and Vapours Source Type: Other					
60	17 of 17	SSW/227.4	67.9 / 1.63	Physical Resources Service 720 King Edward Street Ottawa ON K1N 6N5	GHG
GHG ID No: G11822 Public Contact: Javier Calle					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility NPRI ID:			Pub Cont Phone:		3439613329
DUNS No:	0			Pub Cont Ext:	
Year:	2019			Pub Cont Email:	jcalles@uottawa.ca
Rprt Comp Legal Nm:	University of Ottawa			Pub Cont Mail Addr:	141 Louis-Pasteur
Rprt Comp Trade Nm:				Pub Cont City:	Ottawa
Rprt Comp Bus No:	119278877			Pub Cont Prov:	Ontario
Emission Factors:				Pub Cont Postal Cd:	K1N 6N5
Engineer Estimates:				Latitude:	45.4212
Mass Balance:				Longitude:	-75.6801
Facility Name:	Physical Resources Service				
Company Name:	University of Ottawa				
City:	Ottawa				
Address:	720 King Edward Street				
Postal Code:	K1N 6N5				
Province:	Ontario				
Latitude:	45.4212				
Longitude:	-75.6801				
Total Emissions:	19.96				
Units:	kilotonnes of carbon dioxide equivalents (kt CO2 eq)				
Report Year:	2019				
Industry Classification:	Universities				
North American Industry Class:	611310				
National Pollutant Release In:					
GHG Emissions (kt):					
Total Emissions (tonnes CO2e):	19962.40224				
Monitoring or Direct Measure:					
Facility GHG Data Link:	https://climate-change.canada.ca/facility-emissions/GHGRP-G11822-2019.html				
Public Contact Position:	Energy Analyst				
NAICS Code:	611310				
NAICS Code Desc (English):	Universities				
NAICS Code Desc (French):	Universités				
NAICS Data Link:	http://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&TVD=307532&CVD=307548&CST=01012017&CLV=5&MLV=5&CPV=611310				
Facility Detail:					

GHG Emission Details

CO2 tonnes:	16592.24	HFC-143 t CO2e:	0
CO2 tonnes CO2e:	16592.24	HFC-227ea tonnes:	
CH4 tonnes:	0.676904	HFC-227ea t CO2e:	0
CH4 tonnes CO2e:	16.9226	HFC-236fa tonnes:	
N2O tonnes:	0.308968	HFC-236fa t CO2e:	0
N2O tonnes CO2e:	92.072464	HFC-245ca tonnes:	
HFC-23 tonnes:		HFC-245ca t CO2e:	0
HFC-23 tonnes CO2e:	0	HFC Total t Co2e:	0
HFC-32 tonnes:		CF4 tonnes:	
HFC-32 tonnes CO2e:	0	CF4 tonnes CO2e:	0
HFC-125 tonnes:		C2F6 tonnes:	
HFC-125 t CO2e:	0	C2F6 tonnes CO2e:	0
HFC-134a tonnes:		C3F8 tonnes:	
HFC-134a t CO2e:	0	C3F8 tonnes CO2e:	0
HFC-143a tonnes:		C4F10 tonnes:	
HFC-143a ton CO2e:	0	C4F10 tonnes CO2e:	0
HFC-152a tonnes:		C4F8 tonnes:	
HFC-152a ton CO2e:	0	C4F8 tonnes CO2e:	0
HFC-41 tonnes:		C5F12 tonnes:	
HFC-41 tonnes CO2e:	0	C5F12 tonnes CO2e:	0
HFC-43 10mee t:		C6F14 tonnes:	
HFC-43 10mee t CO2:	0	C6F14 tonnes CO2e:	0
HFC-134 tonnes:		PFC Total t CO2e:	0
HFC-134 t CO2e:	0	SF6 tonnes:	
HFC-143 tonnes:		SF6 tonnes CO2e:	0

GHG Emission Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
CO2 tonnes:	18464.76			HFC-143 t CO2e:	0
CO2 tonnes CO2e:	18464.76			HFC-227ea tonnes:	0
CH4 tonnes:	0.316			HFC-227ea t CO2e:	0
CH4 tonnes CO2e:	7.9			HFC-236fa tonnes:	0
N2O tonnes:	0.358			HFC-236fa t CO2e:	0
N2O tonnes CO2e:	106.684			HFC-245ca tonnes:	0
HFC-23 tonnes:	0			HFC-245ca t CO2e:	0
HFC-23 tonnes CO2e:	0			HFC Total t Co2e:	0
HFC-32 tonnes:	0			CF4 tonnes:	0
HFC-32 tonnes CO2e:	0			CF4 tonnes CO2e:	0
HFC-125 tonnes:	0			C2F6 tonnes:	0
HFC-125 t CO2e:	0			C2F6 tonnes CO2e:	0
HFC-134a tonnes:	0			C3F8 tonnes:	0
HFC-134a t CO2e:	0			C3F8 tonnes CO2e:	0
HFC-143a tonnes:	0			C4F10 tonnes:	0
HFC-143a ton CO2e:	0			C4F10 tonnes CO2e:	0
HFC-152a tonnes:	0			C4F8 tonnes:	0
HFC-152a ton CO2e:	0			C4F8 tonnes CO2e:	0
HFC-41 tonnes:	0			C5F12 tonnes:	0
HFC-41 tonnes CO2e:	0			C5F12 tonnes CO2e:	0
HFC-43 10mee t:	0			C6F14 tonnes:	0
HFC-43 10mee t CO2:	0			C6F14 tonnes CO2e:	0
HFC-134 tonnes:	0			PFC Total t CO2e:	0
HFC-134 t CO2e:	0			SF6 tonnes:	
HFC-143 tonnes:	0			SF6 tonnes CO2e:	
GHG Emission Details					
CO2 tonnes:	19841.54			HFC-143 t CO2e:	0
CO2 tonnes CO2e:	19841.54			HFC-227ea tonnes:	0
CH4 tonnes:	0.39659			HFC-227ea t CO2e:	0
CH4 tonnes CO2e:	9.91475			HFC-236fa tonnes:	0
N2O tonnes:	0.372307			HFC-236fa t CO2e:	0
N2O tonnes CO2e:	110.947486			HFC-245ca tonnes:	0
HFC-23 tonnes:	0			HFC-245ca t CO2e:	0
HFC-23 tonnes CO2e:	0			HFC Total t Co2e:	0
HFC-32 tonnes:	0			CF4 tonnes:	0
HFC-32 tonnes CO2e:	0			CF4 tonnes CO2e:	0
HFC-125 tonnes:	0			C2F6 tonnes:	0
HFC-125 t CO2e:	0			C2F6 tonnes CO2e:	0
HFC-134a tonnes:	0			C3F8 tonnes:	0
HFC-134a t CO2e:	0			C3F8 tonnes CO2e:	0
HFC-143a tonnes:	0			C4F10 tonnes:	0
HFC-143a ton CO2e:	0			C4F10 tonnes CO2e:	0
HFC-152a tonnes:	0			C4F8 tonnes:	0
HFC-152a ton CO2e:	0			C4F8 tonnes CO2e:	0
HFC-41 tonnes:	0			C5F12 tonnes:	0
HFC-41 tonnes CO2e:	0			C5F12 tonnes CO2e:	0
HFC-43 10mee t:	0			C6F14 tonnes:	0
HFC-43 10mee t CO2:	0			C6F14 tonnes CO2e:	0
HFC-134 tonnes:	0			PFC Total t CO2e:	0
HFC-134 t CO2e:	0			SF6 tonnes:	
HFC-143 tonnes:	0			SF6 tonnes CO2e:	
61	1 of 1	NE/231.4	60.1 / -6.19	ENBRIDGE GAS INC 121 RUSSELL AVE., OTTAWA, ON, K1N 7X2, CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:		3078750		Fuel Category:	
Incident Reported Dt:		7/12/2021		Health Impact:	
Type:		FS-Pipeline Incident		Environment Impact:	
Status Code:				Property Damage:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> 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: </div> <div> Pipeline Damage Reason Est ENBRIDGE GAS INC 121 RUSSELL AVE,,OTTAWA,ON,K1N 7X2,CA </div> <div> Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: </div> </div>					
62	1 of 2	NNE/231.6	67.9 / 1.69	2478014 Ontario Limited 84 Russell Ave Ottawa ON K1W 0H9	ECA
<div> <div> Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location: </div> <div> 7658-ATJPWQ 2017-11-30 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 2478014 Ontario Limited 84 Russell Ave https://www.accessenvironment.ene.gov.on.ca/instruments/7920-ANCSCR-14.pdf </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					
62	2 of 2	NNE/231.6	67.9 / 1.69	ENBRIDGE GAS INC 84 RUSSELL AVE,,OTTAWA,ON,K1N 7X1,CA ON	PINC
<div> <div> 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: </div> <div> 3082040 7/19/2021 FS-Pipeline Incident Pipeline Damage Reason Est ENBRIDGE GAS INC 84 RUSSELL AVE,,OTTAWA,ON,K1N 7X1,CA </div> <div> 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: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Affiliation: Occurrence Desc: Damage Reason: Notes:					
63	1 of 1	SSW/231.7	66.5 / 0.27	720 KING EDWARD AVE Ottawa ON	WWIS
<div> <div> Well ID: 7298555 Construction Date: Use 1st: Test Hole Use 2nd: Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z268685 Tag: A158822 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NEPEAN TOWNSHIP Site Info: </div> <div> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 07-Nov-2017 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 3749 Form Version: 7 Owner: County: OTTAWA-CARLETON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 2017/10/02 Year Completed: 2017 Depth (m): 152.4 Latitude: 45.4206555967213 Longitude: -75.6792359651437 Path:					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 1006788946 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 02-Oct-2017 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: </div> <div> Elevation: Elevrc: Zone: 18 East83: 446859.00 North83: 5029906.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr </div> </div>					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		1006993408			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006993409			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		34.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006993411			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		77.0			
Formation End Depth:		500.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1006993410			
Layer:		4			
Color:		8			
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		34.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth:		77.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006993407			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006993446			
Layer:		1			
Plug From:		0.0			
Plug To:		58.0			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006993447			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006993445			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
 <u>Pipe Information</u>					
Pipe ID:		1006993405			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006993416			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		58.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		8.125			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006993417			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1006993406			
Pump Set At:		137.19000244140625			
Static Level:		7.130000114440918			
Final Level After Pumping:		21.34000015258789			
Recommended Pump Depth:		137.19000244140625			
Pumping Rate:		284.0			
Flowing Rate:					
Recommended Pump Rate:		284.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993424			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		11.989999771118164			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993429			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		11.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993432			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		12.680000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1006993420			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		10.180000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993423			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		23.770000457763672			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993436			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993441			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		10.420000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993435			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		10.819999694824219			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993421			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		29.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993427			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		13.619999885559082			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993439			
Test Type:		Recovery			
Test Duration:		40			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		10.579999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993442			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993419			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		38.099998474121094			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993426			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		12.279999732971191			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993428			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		12.34000015258789			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993418			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		12.220000267028809			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993433			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		10.970000267028809			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993437			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		10.729999542236328			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993438			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		16.280000686645508			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993440			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.729999542236328			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993443			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		10.300000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993422			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		11.699999809265137			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993425			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		17.950000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993430			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		12.59000015258789			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993431			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		11.1899995803833			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006993434			
Test Type:		Draw Down			

<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>
<hr/>					
Test Duration:		25			
Test Level:		12.770000457763672			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1006993414			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		390.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		1006993415			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1006993413			
Diameter:		8.125			
Depth From:		60.0			
Depth To:		500.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Hole Diameter</u>					
Hole ID:		1006993412			
Diameter:		12.142499923706055			
Depth From:		0.0			
Depth To:		60.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Links</u>					
Bore Hole ID:	1006788946			Tag No:	A158822
Depth M:	152.4			Contractor:	3749
Year Completed:	2017			Path:	
Well Completed Dt:	2017/10/02			Latitude:	45.4206555967213
Audit No:	Z268685			Longitude:	-75.6792359651437
<hr/>					
64	1 of 1	ENE/233.8	58.0 / -8.25	294 Somerset Street East Ottawa ON K1N 6W1	EHS
Order No:	20180925128			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	02-OCT-18			Search Radius (km):	.25
Date Received:	25-SEP-18			X:	-75.675903
Previous Site Name:				Y:	45.423666
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
65	1 of 1	WSW/234.9	70.9 / 4.63	University of Ottawa Bioscience, 20 Marie Curie, Lot E, Concession D Ottawa ON	CA
Certificate #: 3690-5VGTYM Application Year: 2004 Issue Date: 6/22/2004 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
66	1 of 1	ENE/240.6	58.5 / -7.76	ON	WWIS
Well ID: 7338630 Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: C30149 Tag: A193877 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: OTTAWA CITY Site Info: PDF URL (Map): Additional Detail(s) (Map) Well Completed Date: 2019/01/01 Year Completed: 2019 Depth (m): Latitude: 45.4235747230845 Longitude: -75.6757430190318 Path: Bore Hole Information Bore Hole ID: 1007568549 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:					
Flowing (Y/N): Flow Rate: Data Entry Status: Yes Data Src: Date Received: 29-Jul-2019 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 1844 Form Version: 8 Owner: County: OTTAWA-CARLETON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
Elevation: Elevrc: Zone: 18 East83: 447135.00 North83: 5030228.00 Org CS: UTM83					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	01-Jan-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:					
<u>Links</u>					
Bore Hole ID:	1007568549			Tag No:	A193877
Depth M:				Contractor:	1844
Year Completed:	2019			Path:	
Well Completed Dt:	2019/01/01			Latitude:	45.4235747230845
Audit No:	C30149			Longitude:	-75.6757430190318

67	1 of 1	SSW/240.7	65.2 / -1.01	720 KING EDWARD ST Ottawa ON	WWIS
Well ID:	7217423			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Test Hole			Date Received:	13-Mar-2014 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z179975			Contractor:	7241
Tag:	A154121			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:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2014/02/03
Year Completed: 2014
Depth (m): 4.57
Latitude: 45.4205571978067
Longitude: -75.6791325312095
Path:

Bore Hole Information

Bore Hole ID:	1004719469	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446867.00
Code OB Desc:		North83:	5029895.00
Open Hole:		Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	03-Feb-2014 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005092005				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	3.0999999046325684				
Formation End Depth:	4.570000171661377				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005092003				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:					
Most Common Material:					
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:	73				
Mat3 Desc:	HARD				
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:	1005092004				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	0.3100000023841858				
Formation End Depth:	3.0999999046325684				
Formation End Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005092014			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		1.2200000286102295			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005092015			
Layer:		3			
Plug From:		1.2200000286102295			
Plug To:		4.570000171661377			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005092013			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005092012			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005092002			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005092008			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Casing Diameter:		5.199999809265137			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005092009			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5199999809265137			
Screen End Depth:		4.570000171661377			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
 <u>Water Details</u>					
Water ID:		1005092007			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1005092006			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Links</u>					
Bore Hole ID:	1004719469			Tag No:	A154121
Depth M:	4.57			Contractor:	7241
Year Completed:	2014			Path:	721\7217423.pdf
Well Completed Dt:	2014/02/03			Latitude:	45.4205571978067
Audit No:	Z179975			Longitude:	-75.6791325312095
<hr/>					
68	1 of 6	NW/241.2	72.9 / 6.63	ECOLE FRANCOJEUNESSE 119 OSGOODE ST. OTTAWA ON K1N 6S3	GEN
Generator No:	ON0269200				
SIC Code:	0000				
SIC Description:	*** NOT DEFINED ***				
Approval Years:	86,87,88,89,90,92,93,94				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<hr/>					
68	2 of 6	NW/241.2	72.9 / 6.63	CONSEIL (SEE & USE ON1879403) FRANCOJEUNESSE 119 RUE OSGOODE OTTAWA ON K1N 6S3	GEN
Generator No:	ON1285711				
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
Approval Years:	93,94,95,96,97,98				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					

112 erisinfo.com | Environmental Risk Information Services Order No: 23030800484

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
				Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	
Generator No:		ON6488336			
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 B			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		263 I			
Waste Class Name:		Misc. waste organic chemicals			
Waste Class:		148 C			
Waste Class Name:		Misc. wastes and inorganic chemicals			
Waste Class:		146 T			
Waste Class Name:		Other specified inorganic sludges, slurries or solids			
Waste Class:		122 C			
Waste Class Name:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<hr/>					
<u>68</u>	6 of 6	NW/241.2	72.9 / 6.63	Conseil des ecoles publiques de l'Est de l'Ontario Francojeunesse et Pavillon, 119, rue Osgoode Ottawa ON K1N 6S3	GEN
Generator No:		ON6488336			
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:					
 <u>Detail(s)</u>					
Waste Class:		148 C			
Waste Class Name:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		331 I			
Waste Class Name:		WASTE COMPRESSED GASES			
Waste Class:		122 C			
Waste Class Name:		ALKALINE WASTES - OTHER METALS			
Waste Class:		263 I			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		146 T			
Waste Class Name:		OTHER SPECIFIED INORGANICS			
Waste Class:		263 B			
Waste Class Name:		ORGANIC LABORATORY CHEMICALS			
69	1 of 1	SSW/241.3	66.5 / 0.27	720 KING EDWARD ST. OTTAWA ON	WWIS
Well ID:		7217463		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Monitoring and Test Hole		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Test Hole		Date Received:	
Water Type:				13-Mar-2014 00:00:00	
Casing Material:				Selected Flag:	
Audit No:		Z179974		TRUE	
Tag:		A154300		Abandonment Rec:	
Constructn Method:				Contractor:	
Elevation (m):				7241	
Elevatn Reliabilty:				Form Version:	
Depth to Bedrock:				7	
Well Depth:				Owner:	
Overburden/Bedrock:				County:	
Pump Rate:				Lot:	
Static Water Level:				Concession:	
Clear/Cloudy:				Concession Name:	
Municipality:		NEPEAN TOWNSHIP		Easting NAD83:	
Site Info:				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:		2014/02/03			
Year Completed:		2014			
Depth (m):		4.57			
Latitude:		45.4205569698207			
Longitude:		-75.6791708737387			
Path:					
Bore Hole Information					
Bore Hole ID:		1004719793		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				446864.00	
Cluster Kind:				North83:	
Date Completed:		03-Feb-2014 00:00:00		5029895.00	
Remarks:				Org CS:	
Loc Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				4	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 30 m - 100 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005087271			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:					
Most Common Material:					
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005087272			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005087273			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		4.570000171661377			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005087283			
Layer:		3			
Plug From:		1.2200000286102295			
Plug To:		4.570000171661377			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1005087281			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005087282			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		1.2200000286102295			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005087280			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005087270			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005087276			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Casing Diameter:		3.200000047683716			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005087277			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5199999809265137			
Screen End Depth:		4.570000171661377			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
<u>Water Details</u>					
Water ID:		1005087275			
Layer:					
Kind Code:					
Kind:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005087274			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:		1004719793		Tag No:	A154300
Depth M:		4.57		Contractor:	7241
Year Completed:		2014		Path:	721\7217463.pdf
Well Completed Dt:		2014/02/03		Latitude:	45.4205569698207
Audit No:		Z179974		Longitude:	-75.6791708737387
70	1 of 2	ESE/242.0	59.4 / -6.84	86 TEMPLETON ST. OTTAWA ON	WWIS
Well ID:		7242733		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Monitoring and Test Hole		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Observation Wells		Date Received:	09-Jun-2015 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		Z207743		Contractor:	7241
Tag:		A175683		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:		NEPEAN TOWNSHIP			
Site Info:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2015/05/19			
Year Completed:		2015			
Depth (m):		10.97			
Latitude:		45.4215575229761			
Longitude:		-75.6758979016784			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1005402192		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447121.00
Code OB Desc:				North83:	5030004.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		19-May-2015 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005656383			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		1.2200000286102295			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005656384			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.2200000286102295			
Formation End Depth:		4.269999980926514			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005656385			
Layer:		4			
Color:		8			
General Color:		BLACK			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		4.269999980926514			
Formation End Depth:		10.970000267028809			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005656382			
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656394			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656395			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		7.619999885559082			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656396			
Layer:		3			
Plug From:		7.619999885559082			
Plug To:		10.970000267028809			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005656393			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005656381			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 1005656389					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0.0					
Depth To: 7.920000076293945					
Casing Diameter: 5.199999809265137					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1005656390					
Layer: 1					
Slot: 10					
Screen Top Depth: 7.920000076293945					
Screen End Depth: 10.970000267028809					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter: 6.03000020980835					
<u>Water Details</u>					
Water ID: 1005656388					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1005656386					
Diameter: 11.430000305175781					
Depth From: 0.0					
Depth To: 9.880000114440918					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1005656387					
Diameter: 7.619999885559082					
Depth From: 4.880000114440918					
Depth To: 10.970000267028809					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Links</u>					
Bore Hole ID:	1005402192			Tag No:	A175683
Depth M:	10.97			Contractor:	7241
Year Completed:	2015			Path:	724\7242733.pdf
Well Completed Dt:	2015/05/19			Latitude:	45.4215575229761
Audit No:	Z207743			Longitude:	-75.6758979016784
70	2 of 2	ESE/242.0	59.4 / -6.84	86 Templeton Street Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20141110058 Status: C Report Type: Custom Report Report Date: 17-NOV-14 Date Received: 10-NOV-14 Previous Site Name: Lot/Building Size: approx 1.7 acres Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.675634 Y: 45.421108					
71	1 of 5	S/242.1	63.9 / -2.37	R.M. OF OTTAWA-CARLETON- TRANSPORTATION KING EDWARD AVE./TEMPLETON ST. OTTAWA CITY ON	CA
Certificate #: 3-0290-91- Application Year: 91 Issue Date: 4/4/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
71	2 of 5	S/242.1	63.9 / -2.37	OTTAWA CITY - NELSON STREET TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	CA
Certificate #: 3-0338-91- Application Year: 91 Issue Date: 4/4/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
71	3 of 5	S/242.1	63.9 / -2.37	R.M. OF OTTAWA-CARLETON - NELSON STREET TEMPLETON ST./KING EDWARD AVE. OTTAWA CITY ON	CA
Certificate #: 7-0305-91- Application Year: 91 Issue Date: 4/4/1991 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Postal Code: Project Description: Contaminants: Emission Control:					
71	4 of 5	S/242.1	63.9 / -2.37	OTTAWA CITY KING EDWARD AVE/TEMPLETON ST. OTTAWA CITY ON	CA
Certificate #: 3-0868-99- Application Year: 99 Issue Date: 7/27/1999 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
71	5 of 5	S/242.1	63.9 / -2.37	Regional Crane Rentals Ltd. King Edward Avenue and Templeton Ottawa ON	SPL
Ref No: 2841-94NSBA Site No: Incident Dt: 06-FEB-13 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 15 Contaminant Name: HYDRAULIC OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Possible Nature of Impact: Soil Contamination Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 06-FEB-13 Dt Document Closed: Incident Reason: Weather Conditions Site Name: Construction Site<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: 1 gal hydraulic fluid to grnd; Drain-All Contaminant Qty: 1 gal-US					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Valve/Fitting/Piping Agency Involved: Nearest Watercourse: Site Address: King Edward Avenue and Templeton Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:					
72	1 of 5	WSW/243.1	70.9 / 4.63	UNIVERSITY OF OTTAWA GENDRON HALL, 30 MARIE CURIE OTTAWA CITY ON	CA
Certificate #: 8-4019-93- Application Year: 93					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Issue Date: 6/28/1993 Approval Type: Industrial air Status: Revised Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: EXTEND 20 EXIST. ROOF STACKS ON GENDRON Contaminants: Emission Control: No Controls					
72	2 of 5	WSW/243.1	70.9 / 4.63	University of Ottawa 30 Marie Curie Street Ottawa ON	CA
Certificate #: 2919-6DML66 Application Year: 2005 Issue Date: 7/20/2005 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
72	3 of 5	WSW/243.1	70.9 / 4.63	University of Ottawa 30 Marie Curie Street Ottawa ON	CA
Certificate #: 3374-6D6G34 Application Year: 2009 Issue Date: 2/6/2009 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
72	4 of 5	WSW/243.1	70.9 / 4.63	University of Ottawa 30 Marie Curie Street Ottawa ON K1N 1E3	ECA
Approval No: 3374-6D6G34 Approval Date: 2009-02-06 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR MOE District: Ottawa City: Longitude: -75.680534 Latitude: 45.421345 Geometry X: Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Business Name: University of Ottawa Address: 30 Marie Curie Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8446-68MU2U-14.pdf PDF Site Location:					
72	5 of 5	WSW/243.1	70.9 / 4.63	University of Ottawa 30 Marie Curie Street Ottawa ON K1N 6N5	ECA
Approval No: 2919-6DML66 Approval Date: 2005-07-20 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: University of Ottawa Address: 30 Marie Curie Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5275-6BNP7T-14.pdf PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.680534 Latitude: 45.421345 Geometry X: Geometry Y:					
73	1 of 2	W/243.6	70.9 / 4.63	81 Louis Pasteur Ottawa ON	SPL
Ref No: 6443-ATMMQ2 Site No: NA Incident Dt: 2017/12/01 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: METHANE GAS, COMPRESSED (NATURAL GAS) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1971 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2017/12/01 Dt Document Closed: 2017/12/16 Incident Reason: Operator/Human Error Site Name: spill<UNOFFICIAL> Site County/District: Municipality No: Site Geo Ref Meth: Incident Summary: tssa 1 1/4" pl IP 81 Louis Pasteur made safe Contaminant Qty: 1 number (count)					
Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Sector Type: Miscellaneous Communal Agency Involved: Nearest Watercourse: Site Address: 81 Louis Pasteur 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: Air Spills - Gases and Vapours Source Type: Pipeline/Components					
73	2 of 2	W/243.6	70.9 / 4.63	PIPELINE HIT 1.25" 81 LOUIS-PASTEUR PVT,,OTTAWA,ON,K1N 9N1, CA ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Id: Incident No: 2201438 Incident Reported Dt: 12/1/2017 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: PIPELINE HIT 1.25" Incident Address: 81 LOUIS-PASTEUR PVT., OTTAWA, ON, K1N 9N1, 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:					

74	1 of 1	SSW/244.1	66.5 / 0.27	720 KING EDWARD ST Ottawa ON	WWIS
Well ID: 7217422 Construction Date: Use 1st: Monitoring and Test Hole Use 2nd: 0 Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z179973 Tag: A154282 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: OTTAWA CITY Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 13-Mar-2014 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: County: OTTAWA-CARLETON Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): Additional Detail(s) (Map) Well Completed Date: 2014/02/03 Year Completed: 2014 Depth (m): 3.96 Latitude: 45.4205386645635 Longitude: -75.679221781262 Path:					
Bore Hole Information					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1004719466			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446860.00
Code OB Desc:				North83:	5029893.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	03-Feb-2014 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:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005091983				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	0.9100000262260437				
Formation End Depth:	3.9600000381469727				
Formation End Depth UOM:	m				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005091982				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	0.3100000023841858				
Formation End Depth:	0.9100000262260437				
Formation End Depth UOM:	m				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005091981				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	73				
Mat2 Desc:	HARD				
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		1005091992			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		0.9100000262260437			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005091991			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005091993			
Layer:		3			
Plug From:		0.9100000262260437			
Plug To:		3.9600000381469727			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005091990			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005091980			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005091986			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		0.9100000262260437			
Casing Diameter:		3.200000047683716			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen ID:		1005091987			
Layer:		1			
Slot:		10			
Screen Top Depth:		0.9100000262260437			
Screen End Depth:		3.9600000381469727			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
 <u>Water Details</u>					
Water ID:		1005091985			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1005091984			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		3.9600000381469727			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Links</u>					
Bore Hole ID:	1004719466			Tag No:	A154282
Depth M:	3.96			Contractor:	7241
Year Completed:	2014			Path:	721\7217422.pdf
Well Completed Dt:	2014/02/03			Latitude:	45.4205386645635
Audit No:	Z179973			Longitude:	-75.679221781262
<hr/>					
75	1 of 3	WNW/245.2	71.6 / 5.33	UNIVERSITY OF OTTAWA 100 THOMAS MORE STREET THOMAS MORE STREET OTTAWA ON K1N 1E3	NPCB
Company Code:	O1077				
Industry:					
Site Status:					
Transaction Date:					
Inspection Date:					
 <u>--Details--</u>					
Label:					
Serial No.:					
PCB Type/Code:					
Location:					
Item/State:					
No. of Items:					
Manufacturer:					
Status:	In-Use				
Contents:					
<hr/>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
75	2 of 3	WNW/245.2	71.6 / 5.33	UNIVERSITY OF OTTAWA 100 THOMAS MORE STREET BOX 450- STN. A Ottawa ON K1N 1E3	NPCB
Company Code:		O1077			
Industry:		School/Care/Facility			
Site Status:		In- Use			
Transaction Date:		8/27/1996			
Inspection Date:					
--Details--					
Label:					
Serial No.:					
PCB Type/Code:		Askarel/Askarel			
Location:		MONTPETIT PAVILLION - BASEMENT			
Item/State:					
No. of Items:					
Manufacturer:					
Status:		In-Use			
Contents:					
75	3 of 3	WNW/245.2	71.6 / 5.33	UNIVERSITY OF OTTAWA BOX 450-STN. A 100 THOMAS MORE STREET OTTAWA ON K1N 1E3	NPCB
Company Code:		O1077			
Industry:		SCHOOL/CARE/FACILITY			
Site Status:		POTENTIAL FOR INSPECTION (TR)			
Transaction Date:		12/7/1999			
Inspection Date:					
--Details--					
Label:		OR24137			
Serial No.:		G-3133-1			
PCB Type/Code:		ASKAREL/ASKAREL			
Location:		MONTPETIT PAVILLION - BASEMENT			
Item/State:		TRANSFORMER/FULL			
No. of Items:		1			
Manufacturer:		PIONEER			
Status:		IN-USE			
Contents:		409.5 L			
76	1 of 1	WSW/245.3	70.9 / 4.63	University of Ottawa 145 Jean-Jacques-Lussier Pvt Ottawa ON K1N 7B7	ECA
Approval No:		7412-A78RZT		MOE District:	
Approval Date:		2016-02-23		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:		University of Ottawa			
Address:		145 Jean-Jacques-Lussier Pvt			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/7587-9Z6LA2-14.pdf			
PDF Site Location:					

130 erisinfo.com | Environmental Risk Information Services Order No: 23030800484

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report Date: 06-FEB-18 Date Received: 31-JAN-18 Previous Site Name: Lot/Building Size: Additional Info Ordered: City Directory					
Search Radius (km): .25 X: -75.675775 Y: 45.423727					
78	2 of 2	ENE/245.8	57.7 / -8.51	ABCG Properties Inc. 296 Somerset St E Ottawa ON K4A 3P7	ECA
Approval No: 2614-BNHG7R Approval Date: 2020-04-23 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: ABCG Properties Inc. Address: 296 Somerset St E Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3940-BFBQLL-13.pdf PDF Site Location:					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
79	1 of 1	E/246.2	59.9 / -6.37	FERNANDO MARTINS 165-169 RUSSELL AVENUE (SWM) OTTAWA CITY ON K1N 7X3	CA
Certificate #: 3-0602-97- Application Year: 97 Issue Date: 7/2/1997 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
80	1 of 5	SSE/248.6	59.9 / -6.37	801 King Edward Avenue, Lot E, Concession D Ottawa ON K1N 6N5	CA
Certificate #: 4015-4SUPQ9 Application Year: 01 Issue Date: 1/24/01 Approval Type: Industrial air Status: Approved Application Type: New Certificate of Approval Client Name: University of Ottawa Client Address: 550 Cumberland Avenue Client City: Ottawa Client Postal Code: K1N 6N5 Project Description: This application is for exhaust systems from an emergency generator, hot water boilers, tanks located indoors in a mechanical room, and two roof mounted dehumidifiers. All equipment is natural gas fired and will serve a new sports complex. Contaminants: Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
80	2 of 5	SSE/248.6	59.9 / -6.37	University of Ottawa 801 King Edward Avenue, Lot E, Concession D Ottawa ON	ECA
Approval No: 4015-4SUPQ9 Approval Date: 2001-01-24 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Business Name: University of Ottawa Address: 801 King Edward Avenue, Lot E, Concession D Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8636-4MSQHW-14.pdf PDF Site Location:		MOE District: Ottawa City: Longitude: -75.68056 Latitude: 45.421864 Geometry X: Geometry Y:			
80	3 of 5	SSE/248.6	59.9 / -6.37	866520 Ontario Ltd 801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	GEN
Generator No: ON8487531 SIC Code: SIC Description: Approval Years: As of Dec 2018 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: 312 P Waste Class Name: Pathological wastes					
80	4 of 5	SSE/248.6	59.9 / -6.37	866520 Ontario Ltd 801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	GEN
Generator No: ON8487531 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:					
<u>Detail(s)</u>					
Waste Class: 312 P					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Pathological wastes			
80	5 of 5	SSE/248.6	59.9 / -6.37	866520 Ontario Ltd 801 King Edward Ave Suite N203 Ottawa ON K1N 6N5	GEN
Generator No:		ON8487531			
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:		312 P			
Waste Class Name:		Pathological wastes			
81	1 of 1	W/249.0	70.9 / 4.63	ON	BORE
Borehole ID:		613430	Inclin FLG:		No
OGF ID:		215514719	SP Status:		Initial Entry
Status:			Surv Elev:		No
Type:		Borehole	Piezometer:		No
Use:			Primary Name:		
Completion Date:		APR-1971	Municipality:		
Static Water Level:			Lot:		
Primary Water Use:			Township:		
Sec. Water Use:			Latitude DD:		45.422227
Total Depth m:		16.5	Longitude DD:		-75.681662
Depth Ref:		Ground Surface	UTM Zone:		18
Depth Elev:			Easting:		446671
Drill Method:			Northing:		5030082
Orig Ground Elev m:		71.2	Location Accuracy:		
Elev Reliabil Note:			Accuracy:		Not Applicable
DEM Ground Elev m:		69.8			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218395125	Mat Consistency:		Stiff
Top Depth:		3.8	Material Moisture:		
Bottom Depth:		6.2	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. BROWN,GREY,STIFF,FISSURED.			
Geology Stratum ID:		218395123	Mat Consistency:		
Top Depth:		0	Material Moisture:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth:	1.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Wood Fragments			Geologic Period:	
Material 4:	Granuls			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL.				
Geology Stratum ID:	218395129			Mat Consistency:	Dense
Top Depth:	9.6			Material Moisture:	
Bottom Depth:	11.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. DENSE.				
Geology Stratum ID:	218395128			Mat Consistency:	Stiff
Top Depth:	8.4			Material Moisture:	
Bottom Depth:	9.6			Material Texture:	
Material Color:				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. STIFF.				
Geology Stratum ID:	218395131			Mat Consistency:	
Top Depth:	13.4			Material Moisture:	
Bottom Depth:	16.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. 00000 015 00055 058 00125 075 00205 017 00225 052 00275 040 00315 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218395126			Mat Consistency:	Soft
Top Depth:	6.2			Material Moisture:	
Bottom Depth:	6.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. SOFT.				
Geology Stratum ID:	218395130			Mat Consistency:	Dense
Top Depth:	11.6			Material Moisture:	
Bottom Depth:	13.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:	Till			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. VERY DENSE.				
Geology Stratum ID:	218395124			Mat Consistency:	Hard

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	1.7 3.8 Brown Clay Silt 			Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		CLAY. BROWN,GREY,VERY STIFF TO HARD,FISSURED.			
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218395127 6.9 8.4 Brown Clay 			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Stiff
		CLAY. BROWN,GREY, STIFF TO VERY STIFF,FISSURED.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 059380 NTS_Sheet: 31G05G Logged by professional. Exact and complete description of material and properties.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
82	1 of 1	ESE/249.4	59.9 / -6.34	86 TEMPLETON ST. OTTAWA ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:	7242737 Monitoring and Test Hole 0 Observation Wells Z207426 A175680 NEPEAN TOWNSHIP			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	 09-Jun-2015 00:00:00 TRUE 7241 7 OTTAWA-CARLETON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2015/05/20			
Year Completed:		2015			
Depth (m):		4.57			
Latitude:		45.4212140616711			
Longitude:		-75.6761366595208			
Path:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005402284			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447102.00
Code OB Desc:				North83:	5029966.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	20-May-2015 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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005656552				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:	85				
Mat3 Desc:	SOFT				
Formation Top Depth:	0.3100000023841858				
Formation End Depth:	3.0999999046325684				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005656551				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:	85				
Mat3 Desc:	SOFT				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation Top Depth:		0.0			
Formation End Depth:		0.3100000023841858			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005656553			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		4.570000171661377			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656561			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656563			
Layer:		3			
Plug From:		1.2200000286102295			
Plug To:		4.570000171661377			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656562			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		1.2200000286102295			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1005656560			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1005656550			
Casing No:		0			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005656556			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		1.5199999809265137			
Casing Diameter:		5.199999809265137			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005656557			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5199999809265137			
Screen End Depth:		4.570000171661377			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
<u>Water Details</u>					
Water ID:		1005656555			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005656554			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1005402284			Tag No:	A175680
Depth M:	4.57			Contractor:	7241
Year Completed:	2015			Path:	724\7242737.pdf
Well Completed Dt:	2015/05/20			Latitude:	45.4212140616711
Audit No:	Z207426			Longitude:	-75.6761366595208
<hr/>					
83	1 of 1	ESE/249.5	59.9 / -6.34	86 TEMPLETON ST. OTTAWA ON	WWIS
Well ID:	7242738			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Observation Wells			Date Received:	09-Jun-2015 00:00:00
Water Type:				Selected Flag:	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:					
Audit No:	Z207746			Abandonment Rec:	
Tag:	A175679			Contractor:	7241
Constructn Method:				Form Version:	7
Elevation (m):				Owner:	
Elevatn Reliabilty:				County:	OTTAWA-CARLETON
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Clear/Cloudy:				Zone:	
Municipality:		NEPEAN TOWNSHIP		UTM Reliability:	
Site Info:					
PDF URL (Map):					
Additional Detail(s) (Map)					
Well Completed Date:	2015/05/20				
Year Completed:	2015				
Depth (m):	10.67				
Latitude:	45.4212231379619				
Longitude:	-75.6761239859559				
Path:					
Bore Hole Information					
Bore Hole ID:	1005402287			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447103.00
Code OB Desc:				North83:	5029967.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	20-May-2015 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:	1005656568				
Layer:	4				
Color:	3				
General Color:	BLUE				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Mat2 Desc:					
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	4.570000171661377				
Formation End Depth:	10.670000076293945				
Formation End Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005656567			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		3.0999999046325684			
Formation End Depth:		4.570000171661377			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005656566			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0.3100000023841858			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005656565			
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656577			
Layer:		1			
Plug From:		0.0			
Plug To:		0.3100000023841858			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

<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>
Plug ID:		1005656578			
Layer:		2			
Plug From:		0.3100000023841858			
Plug To:		7.309999942779541			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005656579			
Layer:		3			
Plug From:		7.309999942779541			
Plug To:		10.670000076293945			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005656576			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005656564			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005656572			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		7.619999885559082			
Casing Diameter:		5.199999809265137			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005656573			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.619999885559082			
Screen End Depth:		10.670000076293945			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
<u>Water Details</u>					
Water ID:		1005656571			
Layer:					
Kind Code:					
Kind:					

<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>
<hr/>					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1005656569			
Diameter:		11.430000305175781			
Depth From:		0.0			
Depth To:		6.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Hole Diameter</u>					
Hole ID:		1005656570			
Diameter:		7.619999885559082			
Depth From:		6.099999904632568			
Depth To:		10.670000076293945			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Links</u>					
Bore Hole ID:	1005402287			Tag No:	A175679
Depth M:	10.67			Contractor:	7241
Year Completed:	2015			Path:	724\7242738.pdf
Well Completed Dt:	2015/05/20			Latitude:	45.4212231379619
Audit No:	Z207746			Longitude:	-75.6761239859559

Unplottable Summary

Total: 27 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	OTTAWA CITY NELSON AND WILBROD ST.	NELSON ST.	OTTAWA CITY ON	
CA	City of Ottawa	King Edward Avenue	Ottawa ON	
CA	OTTAWA CITY	NELSON STREET	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	SOMERSET STREET	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON NELSON ST.	NELSON ST.	OTTAWA CITY ON	
CA	OTTAWA CITY-PT.LOT LETTER 'O', CONC.C&D	KING EDWARD AVENUE	OTTAWA CITY ON	
CA	CITY	SWEETLAND AVE.	OTTAWA ON	
CA	City of Ottawa	King Edward Ave	Ottawa ON	
CA	City of Ottawa	Somerset East	Ottawa ON	
CA	Triangle Pump Service Limited	Mobile Unit	Ottawa ON	
CA	REG.MUN.OF OTTAWA-CARLETON	SWEETLAND AVE.	OTTAWA ON	
CA	OTTAWA CITY (I. BHATIA)	RUSSELL AVE.	OTTAWA CITY ON	
CA	City of Ottawa	King Edward Ave	Ottawa ON	
EBR	Triangle Pump Service Limited	Mobile Unit Ottawa CITY OF OTTAWA	ON	
ECA	City of Ottawa	Somerset Street East	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Somerset Street East	Ottawa ON	K2G 6J8
ECA	Triangle Pump Service Limited	Mobile Unit	Ottawa ON	K1T 3V6
NPCB	ONTARIO HYDRO	KING EDWARD T.S.; R.M. OTTAWA-CARLETON/R.P. 4358	OTTAWA ON	

NPCB	ONTARIO HYDRO	R.M. OTTAWA-CARLETON/R.P 4358 KING EDWARD T.S.	OTTAWA ON
SPL	UNIVERSITY OF OTTAWA	KING EDWARD	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	UNKNOWN	AT UNIVERSITY OF OTTAWA CAMPUS	OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	BULK STATION	OTTAWA CITY ON
SPL	Triangle Pump Service Limited		Ottawa ON
SPL	UNIVERSITY OF OTTAWA		OTTAWA CITY ON
SPL	ESSO PETROLEUM CANADA	ESSO DISTRIBUTION STATION BULK STATION	OTTAWA CITY ON

Unplottable Report

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
King Edward Avenue Ottawa ON

Database:
CA

Certificate #: 1054-6RMQZT
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 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: R.M. OF OTTAWA-CARLETON
SOMERSET STREET OTTAWA CITY ON

Database:
CA

Certificate #: 7-0096-88-
Application Year: 88

Issue Date: 2/10/1988
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 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: OTTAWA CITY-PT.LOT LETTER 'O', CONC.C&D
KING EDWARD AVENUE OTTAWA CITY ON

Database:
CA

Certificate #: 7-1467-91-
Application Year: 91
Issue Date: 12/2/1991
Approval Type: Municipal water
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 of Ottawa
King Edward Ave Ottawa ON

Database:
CA

Certificate #: 4067-7EPJYC
Application Year: 2008
Issue Date: 5/16/2008
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: City of Ottawa
Somerset East Ottawa ON

Database:
CA

Certificate #: 5307-772KSY
Application Year: 2007
Issue Date: 10/16/2007
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: Triangle Pump Service Limited
Mobile Unit Ottawa ON

Database:
CA

Certificate #: 7640-7H4H53
Application Year: 2008
Issue Date: 9/26/2008
Approval Type: Industrial Sewage Works
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: 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: City of Ottawa
King Edward Ave Ottawa ON

Database:
CA

Certificate #: 4043-7PUT48
Application Year: 2009
Issue Date: 4/8/2009
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: Triangle Pump Service Limited
Mobile Unit Ottawa CITY OF OTTAWA ON

Database:
EBR

EBR Registry No:	010-3624	Decision Posted:
Ministry Ref No:	0746-7EFKGT	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	October 20, 2008	Act 2:
Proposal Date:	May 21, 2008	Site Location Map:
Year:	2008	
Instrument Type:	(OWRA s. 53(1)) - Approval for sewage works	
Off Instrument Name:		
Posted By:		
Company Name:	Triangle Pump Service Limited	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	2565 Delzotto Avenue, Gloucester Ontario, Canada K1T 3V6	
Comment Period:		
URL:		

Site Location Details:

Mobile Unit Ottawa CITY OF OTTAWA

Site: City of Ottawa
Somerset Street East Ottawa ON K2G 6J8

Database:
ECA

Approval No: 3942-777HUK
Approval Date: 2007-09-19
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: Somerset Street East
Full Address:
Full PDF Link:
PDF Site Location:

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

Site: City of Ottawa
Somerset Street East Ottawa ON K2G 6J8

Database:
ECA

Approval No: 5307-772KSY
Approval Date: 2007-10-16
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: Somerset Street East
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3820-72YNWV-14.pdf>
PDF Site Location:

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

Site: Triangle Pump Service Limited
Mobile Unit Ottawa ON K1T 3V6

Database:
ECA

Approval No: 7640-7H4H53
Approval Date: 2008-09-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Triangle Pump Service Limited
Address: Mobile Unit
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0746-7EFKGT-14.pdf>
PDF Site Location:

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

Site: ONTARIO HYDRO
KING EDWARD T.S.; R.M. OTTAWA-CARLETON/R.P. 4358 OTTAWA ON

Database:
NPCB

Company Code: O0893
Industry: Utility
Site Status:
Transaction Date: 5/31/1988
Inspection Date:

Site: ONTARIO HYDRO
R.M. OTTAWA-CARLETON/R.P 4358 KING EDWARD T.S. OTTAWA ON

Database:
NPCB

Company Code: O0893

Industry: UTILITY
Site Status:
Transaction Date: 5/31/1988
Inspection Date:

--Details--

Label: OH00122
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location:
Item/State: CAPACITOR/FULL
No. of Items: 72
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 327 L

Label: OH00121
Serial No.:
PCB Type/Code: ASKAREL/INERTEEN
Location:
Item/State: CAPACITOR/FULL
No. of Items: 72
Manufacturer:
Status: STORED FOR DISPOSAL
Contents: 327 L

Site: UNIVERSITY OF OTTAWA
KING EDWARD OTTAWA CITY ON

Database:
SPL

Ref No: 84839
Site No:
Incident Dt: 4/30/1993
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Water course or lake
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/30/1993
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Municipality No: 20101
Site Geo Ref Meth:
Incident Summary: UNIVERSITY OF OTTAWA: 225-450 L FURNACE OIL TO GROUND DUE TO OVERFILL.
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: ESSO PETROLEUM CANADA
TRANSPORT TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 59519
Site No:
Incident Dt: 11/7/1991
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
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:	11/7/1991	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:	ESSO-3 LITRES DIESEL FUEL TO GRND UNDER LOADING RACK, COUPLING NOT CLOSED		
Contaminant Qty:			

Site: **ESSO PETROLEUM CANADA**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	47843	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	3/19/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	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:	3/20/1991	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:	ESSO HOME COMFORT - TANK TRUCK SPILLED APPROX 1 L. HEATING OIL ON GROUND		
Contaminant Qty:			

Site: **UNKNOWN**
AT UNIVERSITY OF OTTAWA CAMPUS OTTAWA CITY ON

Database:
SPL

Ref No:	129232	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	7/15/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNKNOWN	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:	POSSIBLE	Site Municipality:	OTTAWA CITY
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND / WATER	Site Conc:	

Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/15/1996	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Municipality No:	20101		
Site Geo Ref Meth:			
Incident Summary:	SOURCE UNKNOWN: DIESEL FOUND ON STREET & SEWERS, OTTAWA WORKS CLEANED UP.		
Contaminant Qty:			

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

Database:
SPL

Ref No:	155190	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	5/1/1998	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	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:	5/1/1998	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	NEGLIGENCE (APPARENT)	Source Type:	
Site Name:			
Site County/District:			
Municipality No:	20101		
Site Geo Ref Meth:			
Incident Summary:	ESSO-156 L DIESEL TO LOT, LOADING ARM NOT IN TRUCKS COMPARTMENT, PUMP STARTED.		
Contaminant Qty:			

Site: **Triangle Pump Service Limited**
Ottawa ON

Database:
SPL

Ref No:	0255-9VJS4B	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	4/13/2015	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Leak/Break	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:	Land	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	N	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/13/2015	Site Map Datum:	
Dt Document Closed:	5/25/2015	SAC Action Class:	Land Spills
Incident Reason:	Unknown / N/A	Source Type:	
Site Name:	114 Preston Street<UNOFFICIAL>		

Site County/District:

Municipality No:

Site Geo Ref Meth:

Incident Summary:

Contaminant Qty:

DUPLICATE REPORT - SEE 0738-9VJPN6

0 other - see incident description

Site: UNIVERSITY OF OTTAWA
OTTAWA CITY ON

Database:
SPL

Ref No: 95052

Site No:

Incident Dt: 12/29/1993

Year:

Incident Cause: VALVE/FITTING LEAK OR FAILURE

Incident Event:

Contaminant Code:

Contaminant Name:

Contaminant Limit 1:

Contam Limit Freq 1:

Contaminant UN No 1:

Environment Impact: POSSIBLE

Nature of Impact: Soil contamination

Receiving Medium: LAND

Receiving Env:

MOE Response:

Dt MOE Arvl on Scn:

MOE Reported Dt: 1/4/1994

Dt Document Closed:

Incident Reason: ERROR

Site Name:

Site County/District:

Municipality No: 20101

Site Geo Ref Meth:

Incident Summary: UNIVERSITY OF OTTAWA: 180L BUNKER C FUEL TO GROUNDFROM STORAGE TANK.

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: ESSO PETROLEUM CANADA
ESSO DISTRIBUTION STATION BULK STATION OTTAWA CITY ON

Database:
SPL

Ref No: 46877

Site No:

Incident Dt: 2/21/1991

Year:

Incident Cause: CONTAINER OVERFLOW

Incident Event:

Contaminant Code:

Contaminant Name:

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: 2/21/1991

Dt Document Closed:

Incident Reason: ERROR

Site Name:

Site County/District:

Municipality No: 20101

Site Geo Ref Meth:

Incident Summary: ESSO DISTRIB. STATION - 50 L FURNACE OIL SPILLED TO LOADING DOCK. OV/FILL.

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 ERIIS 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 or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 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 is 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 30th, 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 E

Ministry of Environment, Conservation and Parks – Freedom of Information (FOI)

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

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

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

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

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



March 22, 2023

Luke Lopers
Lopers & Associates
30 Lansfield Way
Ottawa, Ontario K2G 3V8
luke@lopers.ca

Dear Luke Lopers:

RE: MECP FOI A-2023-01547, Your Reference LOP23-025 – Decision Letter

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 214 to 224 Somerset Street East, Ottawa (Even #s only).

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Assessment and Permissions Division (EAPD), Environmental Monitoring and Reporting Branch (EMRB), Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Dany Briollais at Dany.Briollais@ontario.ca

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office

Appendix F

Technical Standards and Safety Authority Correspondence

From: [Public Information Services](#)
To: [Luke Lopers](#)
Subject: RE: LOP23-025A - TSSA Records Search Request - Environmental Research
Date: April 10, 2023 8:41:28 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Hello,

NO RECORD FOUND IN CURRENT DATABASE

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our database of any **fuel storage tanks** at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click [Release of Public Information - TSSA](#) - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
 - a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.

Questions? Please contact TSSA's Public Information Release team at

publicinformationservices@tssa.org.

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.

Kind regards,



Kimberly Gage | Public Information Agent

Legal

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org

www.tssa.org



From: Luke Lopers

<Luke@lopers.ca>

Sent: Friday, April 7, 2023 5:23 AM

To: Public Information Services



Winner of 2022 5-Star Safety Cultures Award

<publicinformationservices@tssa.org>

Subject: LOP23-025A - TSSA Records Search Request - Environmental Research

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning,

Could you please search the TSSA database for records of fuel storage tanks, spills, incidents or infractions for the following addresses located in the City of Ottawa, ON:

- 210, 214, 216, 218, 220, 222, 224 Somerset Street East
- 440, 442 Nelson Street
- 159 Henderson Avenue

Regards,

Luke Lopers, P.Eng.

Principal

LOPERS & ASSOCIATES

Cell: 613-327-9073 Email: Luke@Lopers.ca

30 Lansfield Way, Ottawa, Ontario K2G 3V8

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Appendix G

City of Ottawa Historic Land Use Inventory (HLUI)



File Number: D06-03-23-0049

April 5, 2023

Luke Loper
Ottawa Community Housing Corporation

Sent via email: Luke@lopers.ca

Dear Luke,

Re: Information Request
214- 224 Somerset Street **Ottawa, Ontario ("Subject Property")**

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide](#).

Additional information may be obtained by contacting:

Ontario's Environmental Registry

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate

existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House
161 Elgin Street 4th Floor
Ottawa ON K2P 2K1
Tel: (613) 239-1230
Fax: (613) 239-1422

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You

may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Adwoa Achireko

STUDENT PLANNER

Per:

Michael Boughton, MCIP, RPP

Senior Planner

Development Review East

Planning Services

Planning, Infrastructure and Economic Development Department

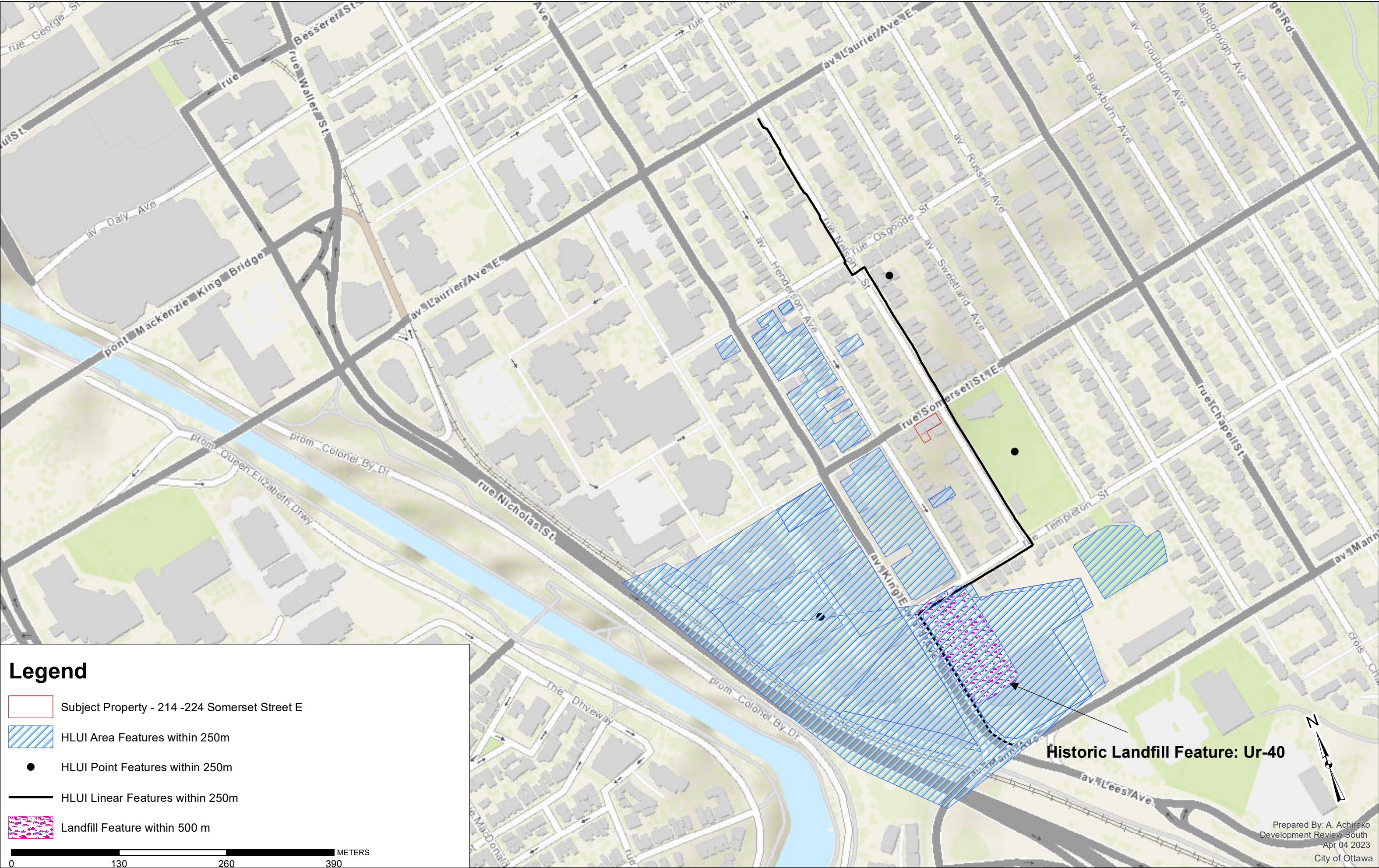
MB / AA

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0049

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	ST_NUM	ST_NAME	ST_ABR	COMMENT	DATE_INSTALLED
3156	RECREATION & HEALTH CENTRE	UST	oil	13620	250	SOMERSET	ST	address verified from dwg & geotatawa, Somerset St E & Nelson St	25/01/1966
3589	NICHOLAS APTS - PARFIELD OILS	UST	fuel oil	9080	393	NELSON	ST	formerly king edward ave, n of mann ave address verified from 1956 fip, sheet 217-3 & geotatawa, King Edward, near Mann Ave	04/05/1959
7062	J J SHEA	UST	gasoline	2270	10	MARIE CURIE	PVT		02/08/1949
7063	OTTAWA ICE CO	not specified	gasoline	9080	10	MARIE CURIE	PVT		04/05/1953
7064	ENGINEERING BLDG - UNIVERSITY OF OTTAWA	UST	gasoline	2270	10	MARIE CURIE	PVT	address verified from dwg & geotatawa, Engineering Bldg - King Edward & Mann Aves	24/06/1970
7065	ENGINEERING BLDG - UNIVERSITY OF OTTAWA	UST	diesel	2270	10	MARIE CURIE	PVT	address verified from dwg & geotatawa, Engineering Bldg - King Edward & Mann Aves tank noted as concrete dwg shows tanks located w of king edward ave, n of templeton st; address verified from dwg & geotatawa, King Edward Ave	24/06/1970
7066	ENGINEERING BLDG - UNIVERSITY OF OTTAWA	UST	fuel oil	2270	10	MARIE CURIE	PVT		24/06/1970
7067	UNIVERSITY OF OTTAWA MAINTENANCE SERVICES BUILDING	UST	oil	454000	10	MARIE CURIE	PVT		25/06/1971
7068	OTTAWA U - CHEMISTRY BLDG - COLLET FRERES LTD	AST	fuel oil	4540	10	MARIE CURIE	PVT	tanks located 20' n of temporary boiler building, 365 Nicholas St	06/01/1958
7069	OTTAWA U - CHEMISTRY BLDG - COLLET FRERES LTD	AST	fuel oil	4540	10	MARIE CURIE	PVT	tanks located 20' n of temporary boiler building, 365 Nicholas St	06/01/1958

HLUI SUMMARY REPORT
AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	ST_NUM	ST_NAME	ST_SUFFIX
4551	LAUNDRY LAND	Self Serve Laundry	1990-CD	82	HENDERSON	AVE
3016	KEALEY'S AERATEFD WATERS	Soft Drink Industry	1910-M	118	HENDERSON	AVE
4952	UNIVERSITY OF OTTAWA	Newspapers (Publishers/Mfrs)	2000-PID; 201	631	KING EDWARD	AVE
3025	HYDRO SUB STATION	Electric Power Systems Industry	1960-M; 1970-	0	HENDERSON	AVE
1932	INDEPENDENT COAL CO	Lumber and Building Materials, Wholesale	1940-M		MANN	AVE
1933	WILLIAM HASTEY	Lumber and Building Materials, Wholesale	1920-1930-M		MANN	AVE
4412	UNIVERSITY OF OTTAWA	University Education	2000-PID	255	HENDERSON	AVE
4700	JOHN J SHEA	Railway Transport and Related Service Industries	1948-1956-M		KING EDWARD	AVE
857	OTTAWA & NEW YORK RAILWAY WORKSHOPS	Railway Transport and Related Service Industries	1910-M; 1912-	0	KING EDWARD	AVE
859	UNNAMED WASTE DISPOSAL SITE	Other Utility Industries n.e.c.	1988-Intera; 2C	0	MANN	AVE
856	PIAMONTE CORPORATION	Lumber and Building Materials, Wholesale	2003-PID	800	KING EDWARD	AVE
4411	FIGURE 8 UNIVERSITY SPORTS COMPLEX	Retail trade	2006-ES	801	KING EDWARD	AVE
854	UNIVERSITY OF OTTAWA -CENTRAL HEATING PLANT	Electric Power Systems Industry	1948-FIP-217-	720	KING EDWARD	AVE
5091	PARKER CLEAN	Laundries and Cleaners	1970-M	616	KING EDWARD	AVE
4413	UNIVERSITY OF OTTAWA	University Education	2000-PID	33	MANN	AVE
4414	INDEPENDENT COAL AND LUMBER CO LTD	Other Petroleum and Coal Products Industries	1922-FIP-90-4;	25	MANN	AVE
858	DIAGNOSTICARE UNIVERSITY OF OTTAWA IMAGIN CENTR	Medical and Other Health Laboratories	2005-SelectPh	100	MARIE CURIE	PVT
2882	UNIVERSITY OF OTTAWA HEALTH SERVICES		2016-PID	100	MARIE CURIE	PVT
2881	OTTAWA TOWING SERVICE REG'D	Other Motor Vehicle Services	1960-M	388	NICHOLAS	ST
1644	CYRVILLE CLEANERS	Laundries and Cleaners	1970-M; 1980-	124	OSGOODE	ST
1645	PARKERS CLEANERS	Laundries and Cleaners	1960-M; 1970-	124	OSGOODE	ST
1646	UNITED LINEN SALES AND SUPPLY	Laundries and Cleaners	1998-SC	124	OSGOODE	ST
4552	LAVA JAVA LAUNDROMAT & COFFEE	Laundries and Cleaners	1960-M; 1970-	124	OSGOODE	ST
3031	CORPORATION OF THE CITY OF OTTAWA YARD B	Other Storage and Warehousing Industries	1956-FIP-218-;	0	RUSSELL	RD
3015	UNIVERSITY OF OTTAWA	Educational services	2016-PID	25	TEMPLETON	ST
1237	ORDNANCE RESERVE	Ordnance Reserve	1887-NMC-11412			

HLUI SUMMARY REPORT
AREA FEATURES

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City's Old Landfill Management Strategy report (OLMS, 2004). Contact the City's Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
ACTIVITY2	7073
ADJACENT_INDUSTRY	Ottawa and New York Railway Workshops (railway workshops and roundhouses), 1920s, west side King Edward, between Templeton and Gladstone [Intera #140]
ADJACENT_LANDUSE	residential on southeast side, and institutional all else where; the zoning is R5C[89] H(13.8) (low rise apartment) in the general area of the site.
ADJACENT_OWNER	private house at 56 Templeton St.
COMMONNAME	Henderson & King Edward
CONCENTRTN	no known monitoring
DEPTH_TO_BEDROCK	10 to 15 m to interbedded shale, siltstone and limestone
DEPTH_TO_GROUNDWATER	unknown
DISTANCE_TO_SURFACE_WATER	Rideau Canal 200 m SW
ECOLOGICAL	none identified
GROUNDWATER_FLOW_DIRECTION	assumed east towards the Rideau River
INFORMATION_SOURCE	Intera-1988a
LOCATION	University of Ottawa sports complex, located between King Edward Ave., Mann Ave., Templeton St. and extension of Henderson Ave., west side of University arena
LOCTN_REF	Between Henderson and King Edward, South of Templeton
METHANE	no measurement available; unlikely given age of site
OBJECTID	127
OPERATIONAL_PERIOD	unknown, but likely prior to 1928
OPERATOR	City of Ottawa
OTHER_INFO	It is possible that most wastes were excavated during recent construction of University of Ottawa sports complex.
OTHERREF	Gartner Lee, 1988 (Site #40); Intera, 1988 (Lf #40)
OVERBURDEN	clay and silt - erosional terraces
OWNER	University of Ottawa
OWNERCATEGORY	Institutional
PHYSICAL	site is developed with institutional building (sports complex)
ROAD_NAME	MANN
ROAD_TYPE	AVE
SERVICE_AREA	presumably City of Ottawa
SITE_ALIAS	Ur-40
SITE_COORD	institutional area accessible to public
SITE_IDENTIFICATION	Listed as a former landfill, the years of operation and closure are unknown.
SITE_NAME	Ur-40
SIZE_HA	approx. 0.8 ha
SOIL_COVER	assumed to be covered based on land use, however thickness of cover unknown
TOPOGRAPHY	general area has a slight slope southeast towards the Rideau River
UTM_NAD27_EASTING	446950
UTM_NAD27_NORTHING	5029600
WASTEDEPTH	unknown
WASTETYPE	unknown; building rubble, concrete slabs, bricks, pieces of coal and some cinder encountered in probe holes
WATER_SUPPLY	municipally supplied water

Appendix H

Aerial Photographs



1928 Aerial Photograph



1958 Aerial Photograph



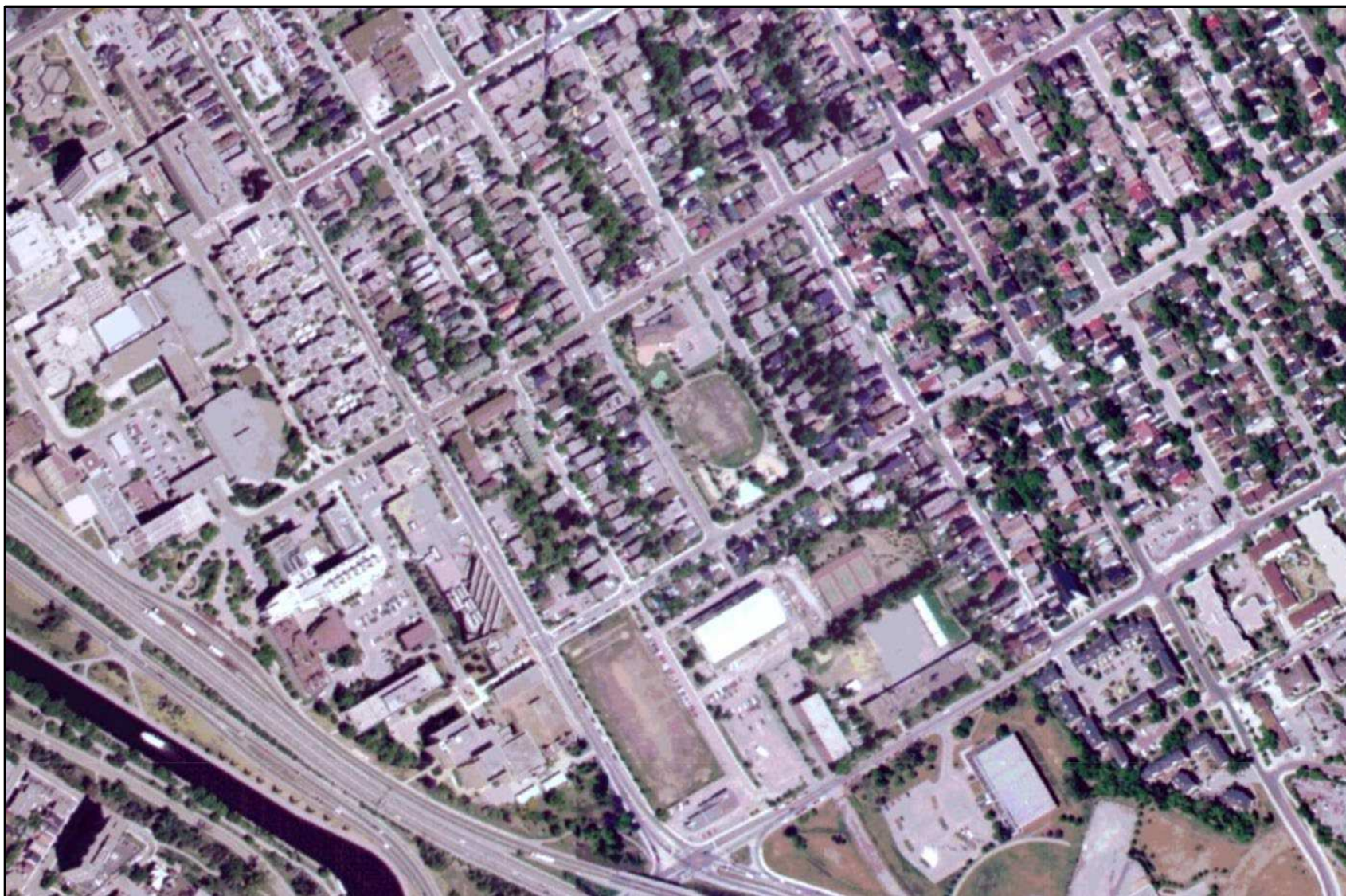
1965 Aerial Photograph



1976 Aerial Photograph



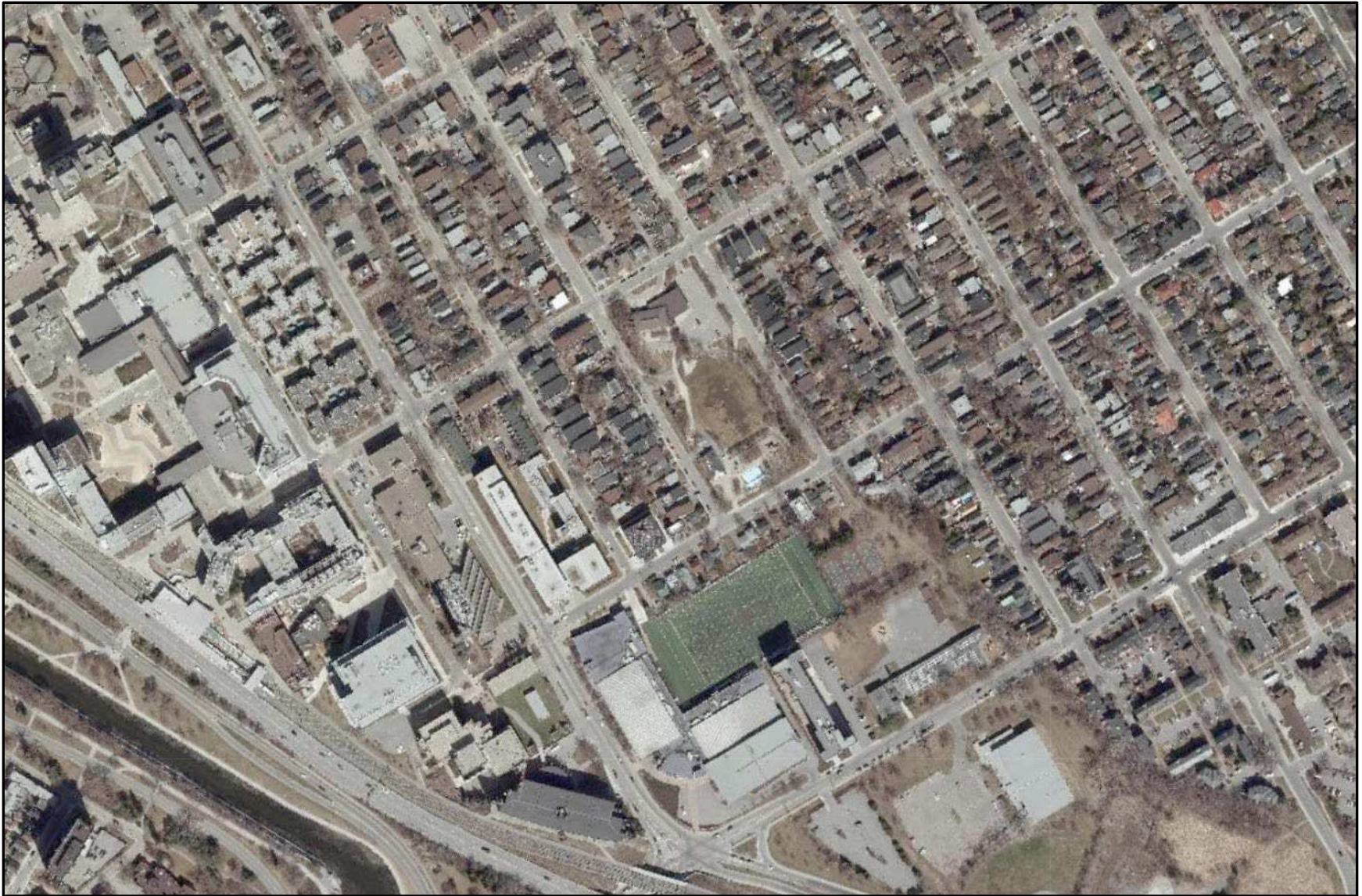
1991 Aerial Photograph



2002 Aerial Photograph



2008 Aerial Photograph



2021 Aerial Photograph

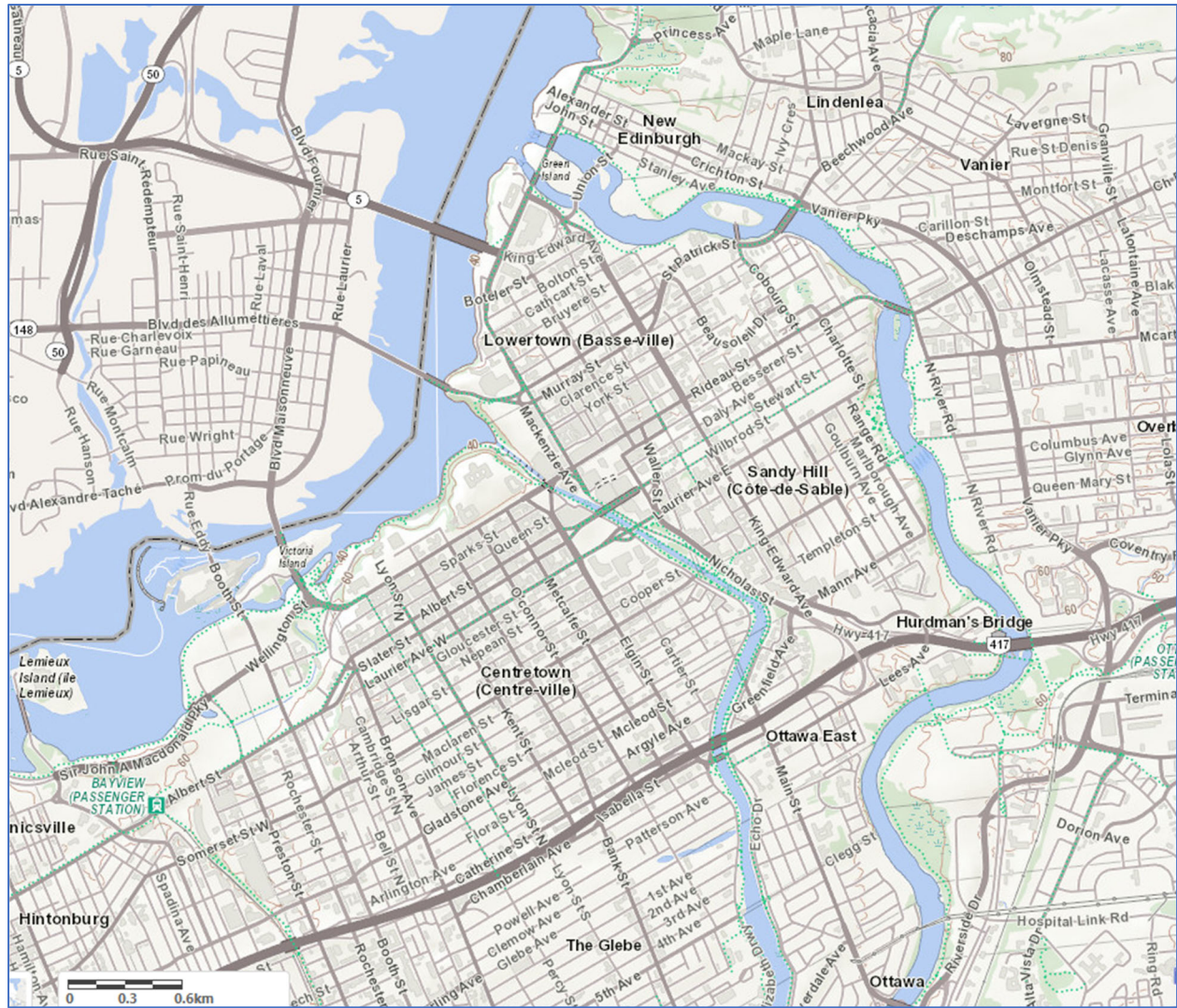
Appendix I

Topographic Map



Topographic Map – Phase One Study Area

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry



Topographic Map – Regional

Source: Make A Topographic Map - Ministry of Natural Resources and Forestry

Appendix J

Photographic Log



Photograph 1: View of the front of the Phase One Property, looking south from the north side of Somerset Street East; view shows the 3 present-day residential buildings at the Site.



Photograph 2: View of the south portion of the Phase One Property looking west; view shows the (snow covered) asphalt pedestrian pathway shared between the Property and adjacent property to the south.



Photograph 3: View of the south portion of the Phase One Property looking east; view shows the (snow covered) asphalt pedestrian pathway shared between the Property and adjacent property to the south.



Photograph 4: View of the southwest (snow-covered) portion of the Phase One Property looking southwest. View shows retaining walls constructed on adjacent properties.



Photograph 5: View of the natural gas fired equipment, flooring and foundations in one of the buildings' mechanical rooms.



Photograph 6: View of the natural gas fired equipment, ceilings and foundation walls in one of the buildings' mechanical rooms. Note that recent drywalling around the mechanical room ceilings prevented observation of potential former heating oil supply lines.

Appendix K

Qualifications of Assessors



PROFILE

Mr. Lopers is an environmental engineer with over 12 years of experience in environmental engineering specializing in due diligence investigations. Mr. Lopers has extensive experience in Phase I and II Environmental Site Assessments; environmental remediation, and investigations; record of site condition submissions; asset inventory, designated substance surveys and abatement projects; environmental expertise on legal issues; and coordination of various monitoring programs (groundwater, surface water, air).

Mr. Lopers has participated in various Property Condition and Building Envelope mandates at various residential and commercial properties throughout Ontario.

Mr. Lopers has a strong commitment to health and safety, having experience leading a regional health and safety committee as a certified employee representative. Mr. Lopers has extensive training including OSHA 40-hour HAZWOPER, ASP Health and Safety on Construction Sites in Quebec, Ontario Working at Heights, Emergency First Aid/CPR and WHMIS.

CONTACT

EMAIL:

Luke@Lopers.ca

LUKE LOPERS

Principal

LOPERS & ASSOCIATES

EDUCATION

University of Waterloo,

B.A.Sc., Honours Environmental Engineering

Management Science Option Designation - 2002 - 2008

PROFESSIONAL EXPERIENCE

Lopers & Associates, Principal, Project Manager, Senior Environmental Engineer

Ottawa, Ontario - 2020–Present

Responsible for the management, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals

GHD Limited, Project Manager, Senior Environmental Engineer

Ottawa, Ontario - 2013–2020

Responsible for the management, senior technical review, coordination, supervision, completion and delivery of Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Environmental litigation support, Designated Substance Surveys, scope of work development, cost estimates and proposals
Office Safety Captain and Joint Health and Safety Committee team leader

Paterson Group Inc., Project Manager, Environmental Engineer

Ottawa, Ontario - 2009–2013

Responsible for supervision, completion and review for Phase I/1 and II/2 Environmental Site Assessments, Environmental Remediation Programs, Designated Substance Surveys

NEXT Environmental Inc., Site Investigation Staff

Burnaby, British Columbia - 2008–2009

Responsible for fieldwork and reporting for Stage/Phase I and II Environmental Site Assessments, Environmental Remediation Programs

PROFESSIONAL DESIGNATIONS

Licensed Professional Engineer (P.Eng.) with Professional Engineers Ontario (PEO) since 2012

Qualified Person (QP), Environmental Site Assessments with Ontario Ministry of the Environment, Conservation and Parks

PROJECT EXPERIENCE

Environmental Site Assessments

Project Engineer/Manager Phase 1 Environmental Site Assessment | Various Clients | Ontario, Quebec and British Columbia | 2006-2020

Project Engineer/Manager for Phase I Environmental Site Assessments in support of acquisition/divestiture/regulatory requirements for various properties in Ontario, Quebec and British Columbia, including the following:

- Canadian Tire Retail Store and Gas Bar, CTR 417 - 2560 Princess Street, Kingston, Ontario
- Former Automotive Dealership and Service Garage, North Vancouver, British Columbia
- Former Philips Cable Plant, Brockville, Ontario
- Former Cornwall Cotton Mill, Cornwall, Ontario
- Retail Fuel Outlet and Automotive Service Garage, Ottawa, Ontario
- Jack Garland Airport Land, North Bay, Ontario
- Various Commercial/Residential Properties, Ontario and British Columbia
- Various Residential Properties, Ontario, Quebec and British Columbia
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Engineer/Manager Phase Two Environmental Site Assessments | Various Clients | Various Locations | 2008-2020

Project Engineer/Manager for the following field investigation and/or regulatory reporting requirements for Phase II ESAs and other Site Investigations:

- Proposed Canadian Tire Development, CTR 693P - Terry Fox Drive at Eagleson Road, Stittsville, Ontario
- Former Retail/Private Fuel Outlets, Ottawa/North Bay/Vancouver, Canada
- Operational/Former Industrial Facilities, Ottawa/Cornwall/Sarnia/Brockville/Gananoque, Ontario
- Existing Dry Cleaning Facilities, Ottawa/Arnprior, Ontario
- Automotive Service Garages, Ottawa/Vancouver, Canada
- Various Commercial/Residential Properties, Eastern Ontario
- Tetrachloroethylene Groundwater Plume, Commercial Property, Ottawa, Ontario
- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario

Project Manager Phase One, Phase Two Environmental Site Assessments, Environmental Delineation Quality Assurance Program | Costco Wholesale | Ottawa, ON | 2014-2019

Project Manager for the completion of a Phase One ESA for the potential acquisition of a commercial property. Upon discovery of APECs at the Site and significant data gaps in previous investigations, completed a Phase Two ESA to evaluate soil and groundwater quality at the Site. Further oversight of original owner's environmental consultants was completed to ensure adequate delineation and characterization of a dNAPL groundwater plume at the Site, present at significant depths in shale bedrock, which originated as a result of a former on-Site dry-cleaning operation.

Environmental Remediation Programs

Project Engineer Underground Fuel Storage Tank Removals and Environmental Remediation Programs in Vicinity of Active Underground Services | Ottawa, ON | 2010, 2012

Project Engineer for removal of underground heating oil storage tanks adjacent to residential buildings. Completed excavation supervision of contaminated soil around and below active underground services, including hydro, water and natural gas infrastructure at residential properties. Activities included oversight of removal of petroleum, impacted soil, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Prepared Phase I, II and III Environmental Site Assessment reports.

**Project Engineer
Retail Fuel Outlet
Decommissioning and
Remediation | Ottawa, ON |
2012**

**Project Engineer/Manager
Former Fuel Outlet
Investigation and Remediation |
Merrickville, ON | 2016-2017**

Record of Site Conditions

**Project Manager/Engineer
Residential Redevelopment |
Environmental Remediation
Program and Record of Site
Condition Submission | Ottawa
| 2015**

**Project Manager/Engineer
Industrial Development |
Environmental Assessment and
Record of Site Condition
Submission | Township of
Edwardsburgh/Cardinal | 2015**

Excess Soil Management

**Project Engineer/Manager
Management of Excess Soil |
CTREL, Brigid, Ottawa
Community Housing
Corporation | Ottawa and
Pembroke, Ontario | 2016, 2018**

Designated Substance Surveys

**Project Manager
Designated Substance Surveys
and Hazardous Building
Materials Assessment |
Ottawa, Pembroke,
Southeastern Ontario | 2010-
2020**

Environmental Litigation Support

**Project Manager, Field
Engineer, Expert Witness
Ottawa, Ontario | 2014-2020**

Project Engineer for UST removal and confirmatory soil sampling at former ESSO gas station in Ottawa, Ontario. Activities included oversight of removal of USTs and product lines, oversight of removal of petroleum-impacted soil and groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis.

Project Engineer for confirmatory soil and groundwater sampling following UST removal at former Shell gas station. Activities included oversight of removal of petroleum-impacted soil, pumping of groundwater encountered and backfilling operations, and field screening and collection of confirmatory soil and groundwater samples for petroleum hydrocarbon analysis. Additional borehole/monitoring well drilling also completed.

Project Manager for delineation of soil contamination and groundwater sampling for a former automotive garage and gas station property in Ottawa, Ontario. Presented and implemented remedial action plan to remediate on-site contamination. Directed staff in collection of post remediation confirmatory soil and groundwater samples for contaminants of concern. Prepared remediation closure report and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Manager for environmental assessments for a proposed industrial business park, in an existing industrial area within the Township of Edwardsburgh/Cardinal, Ontario. Prepared environmental assessment reports and record of site condition supporting documentation for submission to the Ministry of the Environment and Climate Change.

Project Engineer/Manager for sampling, analytical testing, development of soil management plans and monitoring during removal of excess soil generated as part of construction activities, including the following properties/facilities:

- Rochester Heights (811, 818 Gladstone Avenue), Ottawa, Ontario
- Residential redevelopment, 121 Parkdale Avenue, Ottawa, Ontario
- CTR 079, 1104 Pembroke Street East, Pembroke, Ontario
- CTR 297, 2010 Ogilvie Road, Ottawa, Ontario

Project Manager for asbestos containing material (ACM) surveys, designated substance surveys (DSSs), Hazardous Building Materials Assessments (HBMAs) or mould assessments at the following sites:

- DSSs at various municipal facilities for the City of Pembroke, Pembroke, Ontario. Preparation of Asbestos Management Plan.
- HBMAs at various institutional buildings for the Catholic District School Board of Eastern Ontario, Southeastern Ontario.
- DSSs and ACM surveys at various residential, buildings (dwellings and apartment buildings) for private residential clients, Ottawa, Ontario.
- DSS and abatement oversight during demolition, residential buildings (townhouses) for Ottawa Community Housing Corporation, 818 Gladstone Avenue, Ottawa, Ontario.

Project Manager, Field Engineer and Expert Witness for a fuel spill, remediation program, groundwater monitoring program and litigation review for redevelopment of a residential property adjacent to a central heating plant at an institutional facility.

Education

BEng Geological Engineering, École Polytechnique de Montreal, Montreal, Quebec, 1990

MSc Geophysics, University of British Columbia, Vancouver, British Columbia, 1983

BSc Geophysics, Honours, University of British Columbia, Vancouver, British Columbia, 1980

Certifications

Registered as PMP with Project Management Institute since 2012, requalified in 2018

Qualified Person (QP) for Environmental Site Assessments with Ontario Ministry of Environment and Conservation and Parks

Professional Affiliations

Licensed as P.Eng. with the Professional Engineers of Ontario (PEO) since 1994

Licensed as Ing. with l'Ordre des ingénieurs du Québec (OIQ), 1992

Licensed as P.Eng. with NAPEG (NWT and Nunavut), since 2009.

Licensed as P.Eng with Engineers Yukon since 2018

Federal Clearance Level

Secret ID # 95251065

DON PLENDERLEITH

Senior Environmental Engineer and Project Manager

PROFESSIONAL SUMMARY

Mr. Plenderleith has been an environmental engineer for 30 years. From 1990 to 2000 he worked at specialty firms in Montreal and Ottawa where he gained field and reporting experience in site assessment and remediation of retail fuel outlets and railway yards. In 1991 and 1992 he worked on a CIDA sponsored project to assess additional water resource potential in two provinces in Indonesia. He worked for Golder for 19 years on projects in Ottawa, the North and overseas.

His expertise covers all steps in contaminated site management: Phase I, II and III environmental site assessments (ESAs), risk assessments, remedial options evaluations, remedial action plans, tender plans and specifications, remediation project oversight, long-term monitoring and project closure. He has largely concentrated on federal sites since 2002 and was Golder's initial point of contact on the Environmental Standing Offer Agreement with PSPC in the National Capital over that time.

Don led Golder's national client service team for Federal government and was responsible to Golder's management for maintaining strong relations with the federal government. Locally, he provided project management and technical direction of a variety of environmental projects from the Ottawa office. Don mentored several junior professionals. His site portfolio included: military bases, Northern sites, navigational sites, correctional facilities, research labs, commercial buildings and Canadian embassies abroad. On several multi-year projects (Kingston Penitentiary and Connaught Ranges landfill) he directed all steps of site management from initial investigations, through to site closure.

Don is equally experienced at providing strategic and portfolio-level assistance to clients as well as site-specific level work. He has written contaminated sites management plans for several federal Departments. He helped to develop components of the FCSAP project manager's tool kit and has trained federal project managers in its use. He has provided program-level assistance to the FCSAP Secretariat for funding demand forecasting and long-term strategy and risk management. For nine years he led a multi-disciplinary team that performed contaminated site liability peer reviews for the Office of the Auditor General of Canada.

Don completed his engineering degree in French and is licensed to practice in Quebec. He frequently coordinates the French language component at bilingual meetings and workshops.

PROJECT EXPERIENCE – STANDING OFFER MANAGER

**Public Services and
Procurement Canada,
National Capital Region,
Environmental
Engineering Standing
Offer (2002-2019).**

Don managed Golder's Environmental Standing Offer Agreement (SOA) with PSPC in the National Capital Region from 2002 to 2019. He was the first point of contact with PSPC for new call-ups. He formed project teams from the approved resources and reviewed the work plans under each call-up. He was responsible and accountable for Golder's overall project performance to PSPC.

PROJECT EXPERIENCE – SENIOR PROJECT MANAGER

**Phase I, II, and III and
Remediation at Pittsburgh
Institution and Kingston
Penitentiary for PSPC/CSC
near Kingston, Ontario**

Environmental Site Assessment, Remediation Planning and Implementation for the Pittsburgh Institution and Kingston Penitentiary, Kingston, Ontario from 2007 to 2015 - Don was the Senior Project Manager and project reviewer for the Phase I, II and III of contaminated sites on two similar projects at these federal penitentiaries. Don performed project management and provided technical direction during the full suite of services from site assessment through to remediation. Federal project management tools, and FCSAP technical tools (GOST) were used to assist with procedural compliance. Don assisted PSPC with the tender specification for both remediation projects and performed on-site supervision during the fast-track remediation work at Pittsburgh. Don also performed senior review of the draft and final reports.

**Peer Review and Liability
Review of US Steel Site in
Hamilton Harbour for
PSPC and Transport
Canada (July-August 2016)**

Don was the Senior Project Manager for a Peer Review of reports pertaining to the US Steel site on Hamilton Harbour that the Hamilton Port Authority (HPA) was considering purchasing. TC requested the peer review and liability review in its oversight role over the HPA. Don brought a senior expert in at steel industry at Golder onto the project team. With his input some important gaps in the previous site assessments, management plans and liability estimates were identified to TC.

**Contaminated Site
Reporting and Review for
Department of National
Defence Ottawa, Ontario,
Canada**

Don has managed several projects for DND's Director General Environment, related to the financial reporting of DND's contaminated sites. He managed the EcoNet validation project in 2006, in which the systems and procedures by which site cost and liability information are input to DND's Contaminated Site database, Econet. Several of DND's major projects being run out of headquarters were reviewed in that exercise. In 2008 he assisted DND by producing the 2008 update of their Contaminated Sites Management Plan (CSMP) for Treasury Board submission. Nine divisional CSMPs were reviewed, summarized and incorporated into the departmental CSMP.

PROGRAM LEVEL WORK – FEDERAL CONTAMINATED SITES

Project Management Tools for Contaminated Sites, Ottawa, Ontario, Canada

Mr. Plenderleith developed two of the FCSAP Project Management Tools: Status Reporting and Project Risk Management. He has provided training in the tools to federal project managers country-wide. He has delivered training sessions at RPIC National Contaminated Sites workshops on several occasions on the PM Tools, the Sustainable Development Tool (SDAT), and Guidance Tool for Selection of Technologies Tools (GOST).

Assistance to FCSAP for program-level Risk Management, PWGSC/ECCC Ottawa, Ontario

Don has led a team at Golder that provided assistance to the FCSAP Secretariat from 2013 to 2019 in the areas of cost projections for funding demand estimates. He devised a method of projecting the costs of unassessed sites based on closure costs of similar sites. This tool was used to estimate the funding demand for FCSAP Phase III and past Phase III. Don assisted the Secretariat with Long-Term Strategic planning for FSCAP post 2020 when the 15-year program is due to sunset.

Secondments to Federal Departments

Mr. Plenderleith has been seconded from Golder to the Department of Foreign Affairs and International Trade (now Global Affairs Canada “GAC”) on three occasions to develop their Contaminated Sites Management Plans and to fill in while GAC was staffing their full-time environmental engineer position. Through these secondments he has developed a greater understanding of the role of federal custodians in managing their programs.

PROJECT EXPERIENCE – NORTHERN SITES

DEW Line Site Monitoring, Baffin Region, DND (2015-19)

Mr. Plenderleith was the project director of Golder’s DEW Line Monitoring contract with DND from four years 2015 to 2019. He was responsible for overall program quality and liaison with the client and management of Inuit subcontractors. The project was multi-disciplinary, involving geotechnical and environmental components. Mr. Plenderleith has developed a very positive working relationship with the hamlet of Qikiqtarjuaq and the Inuit staff from that community, many of whom have returned to work with Golder every year. All Inuit Participation Targets were exceeded.

Tundra Mine Remediation Monitoring PSPC/INAC (2016-2018)

Don was the Senior project director for Golder’s Remediation Monitoring of Tundra Mine (NWT) for PSPC and INAC. This project is multi-disciplinary involving surface water and groundwater environmental monitoring and aquatic monitoring for the final stages of the remediation of Tundra Mine. Don has reviewed the monthly and annual monitoring reports produced for the Water Licence. His earlier experience with the RAP for Tundra has been valuable on this project.

**Remedial Options Review
and Remedial Action
Planning Former Water
Tanker Base, Inuvik
Airport, NWT 2010-12**

From 2010 to 2012, Mr. Plenderleith was the technical director for the Phase III ESA detailed site assessment and remediation planning of the former Water Tanker Base at the Inuvik Airport in NWT. The work included determining the contaminants of concern, delineation of contaminated soil and seasonal groundwater areas, and assessing remedial options. The remedial action plan reviewed chemical oxidation and removal & disposal options within the constraints of northern work season, and the distance to a disposal facility. Descriptions, costs, advantages and limitations were provided for several options. GNWT performed the remediation with own forces.