



Kollaard Associates
Engineers

210 Prescott Street, Unit 1
P.O. Box 189
Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology •

(613) 860-0923

FAX: (613) 258-0475

REPORT ON

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
211 ARMSTRONG STREET
CITY OF OTTAWA, ONTARIO**

Submitted to:

Lion Trade Ltd.
894 Clarity Avenue
Ottawa, Ontario
K2J 6M2

DATE: March 25, 2022

DISTRIBUTION:

3 copies Lion Trade Ltd.
1 copy Kollaard Associates Inc.

211169

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
2.0 INTRODUCTION.....	2
2.1 PROPERTY INFORMATION	2
2.2 OBJECTIVES.....	3
3.0 SCOPE OF WORK	3
4.0 RECORDS REVIEW	4
4.1 GENERAL.....	4
4.1.1 PHASE ONE STUDY AREA DETERMINATION.....	4
4.1.2 FIRST DEVELOPED USE DETERMINATION.....	4
4.1.3 FIRE INSURANCE PLANS	4
4.1.4 CHAIN OF TITLE	5
4.1.5 ENVIRONMENTAL REPORTS	5
4.1.6 PROPERTY USE RECORDS	5
4.2 ENVIRONMENTAL SOURCE INFORMATION	6
4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES.....	6
4.2.2 ENVIRONMENTAL DATABASES.....	8
4.3 PHYSICAL SETTING SOURCES	10
4.3.1 AERIAL PHOTOGRAPHS.....	10
4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY	11
4.3.3 FILL MATERIALS.....	11
4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE.....	12
4.3.5 WELL RECORDS.....	12
5.0 INTERVIEWS.....	12
6.0 SITE RECONNAISSANCE	13
6.1 GENERAL REQUIREMENTS	13
6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY	13
6.2.1 SITE DESCRIPTION.....	13
6.2.2 SITE INFRASTRUCTURE	14
6.2.3 BUILDING DESCRIPTION.....	14
6.2.4 POTENTIALLY CONTAMINATING ACTIVITY.....	15
6.2.5 MATERIALS HANDLING AND STORAGE	16
6.2.6 DESIGNATED AND REGULATED SUBSTANCES.....	16
6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS	19
6.2.8 ADJACENT PROPERTIES	19
6.3 WRITTEN DESCRIPTION OF INVESTIGATION	20
7.0 REVIEW AND EVALUATION OF INFORMATION	20
7.1 CURRENT AND PAST USES	20
7.2 POTENTIALLY CONTAMINATING ACTIVITY.....	21
7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN.....	22
7.4 PHASE ONE CONCEPTUAL SITE MODEL.....	22
8.0 CONCLUSION.....	24



8.1 PHASE II ESA REQUIREMENT FOR RSC FILING.....	24
8.2 SIGNATURES.....	25
9.0 REFERENCES.....	26
10.0 QUALIFICATIONS OF THE ASSESSORS.....	27

LIST OF FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – PHASE I CONCEPTUAL MODEL PLAN-PHASE ONE STUDY AREA

LIST OF ATTACHMENTS

ATTACHMENT A – TITLE SEARCH DOCUMENTATION

ATTACHMENT B – TOPOGRAPHIC MAP

ATTACHMENT C – AIR PHOTOGRAPHS

ATTACHMENT D – CITY OF OTTAWA CORRESPONDENCE

ATTACHMENT E – ECOLOG ERIS SEARCH RESULTS

ATTACHMENT F – SITE PHOTOGRAPHS

ATTACHMENT G - MECP CORRESPONDENCE

ATTACHMENT H - PROPERTY INFORMATION



1.0 EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment was carried out by Kollaard Associates Inc. for Lion Trade Ltd. of Ottawa, Ontario. The subject site for this assessment consists of a property with civic address 211 Armstrong Street, Ottawa, Ontario (see Key Plan, Figure 1). The site has a total area of 0.05 hectares (0.11 acres) of land located on the north side of Armstrong Street, about 30 metres east of the intersection of Parkdale Avenue and Armstrong Street in the City of Ottawa, Ontario. The site is currently occupied by a single family dwelling and a detached garage.

It is understood that it is proposed to remove the existing building and construct a multi-unit residential building at the site.

The purpose of the Phase I Environmental Site Assessment was to identify, if possible, through non-intrusive investigation, consisting of a review of current and historical information and observations of site conditions during a site reconnaissance visit, the existence of any significant, actual or potential environmental liabilities associated with the property. The Phase I Environmental Site Assessment (ESA) has been prepared in general conformity with our interpretation of the requirements of CSAZ768 as well as Ontario Regulation 153/04 (as amended in December 2009 through Ontario Regulation 511/09) for conducting environmental site assessments.

The Phase I ESA was based on site reconnaissance visits carried out on December 7 and 13, 2021, together with a review of available geological, topographical, historical and environmental information for the site.

There were no current or historical Potentially Contaminating Activities (PCAs) identified at the subject site. Some off-site current or historical PCAs were identified within the Phase I ESA study area. However, given their distances and the inferred groundwater flow direction is away from the subject site, Kollaard Associates considers there were no resulting APECs from these off-site sources on the subject site.

It is understood that it is proposed to redevelop the property into a higher density residential development. The historical land use of the property, based on the results of this investigation, has also been for residential use. Therefore, a RSC is not required for the property, based on our understanding of Ontario Regulation 153/04.

The results of this Phase I ESA indicate that there are no significant environmentally related issues identified at the subject site. Based on the results of this study no major issues of environmental concern were identified with respect to subsurface soil and/or groundwater quality and no further investigation is considered warranted at this time. However, the building at the site does have the potential to contain deleterious materials, including lead and other metals as well as asbestos due to its age. Prior to demolition and removal of the building, a Designated Substances Survey should be carried out to identify and test building materials to ensure proper handling and disposal measures are carried out.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.



2.0 INTRODUCTION

2.1 PROPERTY INFORMATION

The subject site for this assessment consists of a property with civic address 211 Armstrong Street, Ottawa, Ontario (see Key Plan, Figure 1). The site has a total area of 0.05 hectares (0.11 acres) of land located on the north side of Armstrong Street, about 30 metres east of the intersection of Parkdale Avenue and Armstrong Street in the City of Ottawa, Ontario.

The site is currently occupied by a single family dwelling. The remaining areas not occupied by the dwelling consists of a gravel surfaced driveway and grass surfaced yard space.

For the purposes of this assessment, project north is considered to be perpendicular to Armstrong Street at the site.

Kollaard Associates Inc. carried out this Phase I Environmental Site Assessment for Lion Trade Ltd. for the purpose of a development application with the City of Ottawa. It is understood that it is planned to redevelop the site into a multi-unit residential building. As such, there is no change of use or previous use for which a Record of Site Condition could be required under Ontario Regulation 153/04.

Surrounding land use is currently mixed residential development. The site is bordered on the east, west and north by residential development and on the south by Armstrong Street followed by residential development.

The local topography is mostly flat lying with a gentle slope from north to south across the property towards Armstrong Street. The regional topography slopes northwest towards the Ottawa River located approximately 980 metres northwest of the subject site.

The legal description for the subject property based on information from the chain of title is as follows:

- Lot 24, Plan 99, Armstrong Street, City of Ottawa, PIN 04094-0261.



2.2 OBJECTIVES

The primary objective of this Phase I ESA is to document the site conditions on the day of a walk-through site reconnaissance and, if possible, to identify former and current operations or practices that may present potential environmental risks. The study is based on current and historical information and observations of site conditions during a site reconnaissance visit conducted on December 13, 2021. The general objectives of the Phase I Environmental Site assessment, as outlined in Ontario Regulation 153/04, include the following:

1. To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the phase one property.
2. To determine the need for a Phase II ESA.
3. To provide a basis for carrying out any Phase II ESA, required.
4. To provide adequate preliminary information about environmental conditions in the land or water on, in or under the phase one property for the conduct of a risk assessment following completion of a Phase II ESA.

3.0 SCOPE OF WORK

The scope of the Phase I ESA is sufficient to identify existing and/or potential environmental liabilities which are obvious from visual examination of surface features and from available sources of information. The Phase I Environmental Site Assessment (ESA) has been prepared in general conformity with our interpretation of the requirements of CSAZ768-01 as well as Ontario Regulation 153/04 (as amended in December 2009 through Ontario Regulation 511/09 and subsequent amendments) for conducting environmental site assessments.

This level of work is a method of risk reduction, not risk elimination. No building materials, liquid, gas, or chemical product sampling and/or testing on or in the vicinity of the subject site were carried out as part of this assessment. This assessment included only a cursory overview of the present neighbouring land uses and does not constitute a complete assessment of the adjacent facilities.

The scope of work carried out for the site comprised the following:

- a review of available current and historical information about the site and surrounding properties within 250 metres of the site



- observations of site conditions during a site reconnaissance visit
- review and evaluate the information from the above noted information sources
- document the findings in a report

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

Kollaard Associates Inc. considers that a 250 metre study area is sufficient to identify areas of historical and current potential concern on or near the subject site. As part of the preliminary review of historical documents for the site, aerial photographs of the site and surrounding area were reviewed, as well as documentation from the City of Ottawa on landfills and historical industrial sites (Sections 4.2.1 and 4.3.1). Any properties outside of this radius are considered too distant to cause any significant impact to the site.

4.1.2 FIRST DEVELOPED USE DETERMINATION

The first developed use of the property was determined based on a review of aerial photographs and the title search for the site (Section 4.3.1). The earliest air photograph that was reviewed was 1928. At that time, the site and surrounding land appear to be residential development. The photograph indicates a single family dwelling and a detached garage at the site. As such, first developed use of the property is indicated to be prior to 1928.

4.1.3 FIRE INSURANCE PLANS

Due to the lack of historical industrial and/or commercial sites in the Phase I Study Area, no request was made for Fire insurance plans.



4.1.4 CHAIN OF TITLE

The legal description for the property, based on information from the City of Ottawa, is as follows:

- Lot 24, Plan 99, Armstrong Street, City of Ottawa, PIN 04094-0261.

A chain of title for this site (see Attachment A) was provided by Domsons Title Search Inc. Based on a review of information obtained from that title search, the property is indicated to have been owned mostly by individuals. The current owner is listed as 2856774 Ontario Inc.

4.1.5 ENVIRONMENTAL REPORTS

No environmental related reports are expected to exist for this site.

4.1.6 PROPERTY USE RECORDS

The City of Ottawa Website was reviewed for the zoning designation of the subject site. The website indicates that the site is currently zoned R4UB – Residential Fourth Density Zone according to the City of Ottawa Zoning By-law 2012-334. This zoning permits a wide mix of residential building forms ranging from detached to low rise apartment dwellings, in some cases limited to four units, and in no case more than four storeys, in areas designated as General Urban Area in the Official Plan.

The earliest air photograph that was reviewed was 1928. At that time, the site and surrounding land appear to be residential development.

A search of the environmental databases (Section 4.2.2) indicates no records found for the subject property.

Neither an open or closed waste management facility was identified to be within 500 metres of the subject property.



4.2 ENVIRONMENTAL SOURCE INFORMATION

In order to assess some of the historical conditions at the property, a preliminary review of information from the following sources was conducted:

Municipal and Provincial Government Sources

- Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd.
- Online queries with the following provincial and federal databases; Pits and Quarries database, Large and Small Landfills, online MECP well records database, Federal Contaminated Sites Inventory
- Ministry of Environment, Conservation and Parks (MECP), Ottawa, Ontario
- City of Ottawa Historical Land Use Inventory

Environmental Databases

- Ecolog ERIS – Environmental Risk Information Services Standard Report

4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES

City of Ottawa

A review of a report entitled Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd. and Mapping and Assessment of Former Industrial Sites – City of Ottawa, Ontario, July 1988, Reference Number H87-053 by Intera Technologies Ltd. indicates there are no old landfill sites within greater than 500 metres of the subject site.

The review of the Mapping and Assessment of Former Industrial Sites indicated two sites within 250 metres of the subject site. The sites are identified as:

- Capital Wire Cloth and Manufacturing Co. Ltd. - 1 Hinton Avenue - About 240 metres northwest of the site. The site was a former Primary Metals Industry from 1930 -1950 with an industry hazard rating of medium to high. The site has since been redeveloped. Based



on the distance and that the site is considered to be downgradient, no impacts are expected to the subject site.

- Dominion Loose Leaf Co. Ltd. - 320 Parkdale Avenue - About 130 metres northwest of the subject site. The site was a former Printing, Publishing and Allied Industries from 1928-1956 with an industry hazard rating of medium to low. The size of operation was considered small. Based on the distance and that the site is considered to be downgradient, no impacts are expected to the subject site.

Historical Land Use Inventory

The City of Ottawa was contacted to conduct a search of all environmental databases, including Historical Land Use Inventory (HLUI) and any information pertaining to the environmental condition of the property and adjoining areas including, but not limited to, past environmental reports, orders, violations of environmental statutes, regulations or by-laws, certificates, approvals, permits and any other environmental information.

At the time of the preparation of this report, a response from the City of Ottawa had not been received (see Attachment D). Should any environmentally relevant information be provided from this information request that had not been previously identified from other sources, it will be provided in an addendum letter at a later date.

Ministry of the Environment, Conservation and Parks

A formal request was made to the MECP office in Ottawa, Ontario to determine if the Ministry has maintained a file with respect to the subject property. Specifically, the MECP was asked to respond (in writing) with information concerning any historical or existing incidents at or in the vicinity of the subject site. At the time of the preparation of this report, a response from the MECP had not been received. However, if any relevant environmental information about the site is provided, an addendum letter summarizing the new information will be provided at that time (Attachment G).

Pits and Quarries

Based on a review of the provincial online database, there are no active pits or quarries with the Phase I Study Area (i.e. 250 metres).



Large and Small Landfills

Based on a review of the provincial online databases for large and small landfill sites, there are no landfill sites (open or closed) within at least 2 kilometres of the subject site.

Online MECP Well Records

Based on a review of online MECP Well Records, there are no drinking water wells records identified within 250 metres of the subject site.

Some records identified within 250 metres of the site are indicated to be for boreholes. The boreholes had varying depths below existing ground surface. It is indicated that the boreholes were placed for geotechnical purposes.

Federal Contaminated Sites Inventory

Based on a review of the online database for federal contaminated sites, there are no sites (open or closed) within at least 500 metres of the subject site.

4.2.2 ENVIRONMENTAL DATABASES

ECOLOG ERIS – Environmental Risk Information Services Standard Report

A review of information provided by Ecolog ERIS – Environmental Risk Information Services (see Attachment E) was carried out as part of this Phase I ESA. Based on that review, no records were found in the databases searched for the project property.

The following were identified in the report for properties within 250 metres of the subject site with some environmental significance.

In the List of TSSA Expired Facilities (EXP), Fuel Storage Tank (FST) and Fuel Storage Tank - Historic (FSTH), Private and Retail Fuel Storage Tanks (PRT), Retail Fuel Storage Tanks (RST) Summaries, the following sites were identified:

- 1175 Wellington Street - 785730 Ontario Inc. - 125 metres south/southeast
- 390 Parkdale Avenue - Parkdale Sunoco/Suncor Energy Products Inc./6205429 Canada Inc.- 158.6 metres south
- 1186 Wellington Street - Parkdale Esso Ron Aspek & Son Ltd. - 209.9 metres south



A review of the Ontario Spills indicate a total of twenty-three (23) spills have been reported in the Phase I Study Area in the Ontario Spills database. These spills and others reported in the database were indicated to be minor and localized. Given the distance between these properties and the subject site, Kollaard Associates considers that none of the spills have resulted in APECs on the subject site.

In the Ontario Regulation 347 Waste Generators Summary, 84 sites were identified, the following sites were identified:

- Rosemount Family Health Organization/GEM Health Care Services (2011) Inc. - Suite 309-383 Parkdale Avenue - Pathological Wastes - 100.8 metres south
- Honeywell Limited Aerospace Electronic Systems/Sperry See & Use - 3 Hamilton Avenue - Halogenated solvents and residues, Light fuels, Waste oils/sludges, Inert organic wastes - 128.9 metres west
- Ottawa Upholstery Inc. - 1 McCormick Street - Paint/Pigment/Coating Residues - 124.4 metres east
- Graphic Display Canada 18-125 - 45 Spencer Street, - Photoprocessing Wastes - 137.3 metres west northwest
- M.O.M. Printing/Scintrex Trace Corp. - 300 Parkdale Avenue - Paint/Pigment/Coating Residues, Photoprocessing Wastes, Waste Oils & Lubricants, Petroleum Distillates - 193.7 metres west northwest
- Salvation Army Grace General Hosp. - 1156 Wellington Street - Pharmaceuticals and Pathological Wastes - 208.1 metres southeast
- Pharma Plus Drugmarts Ltd/Rexall Pharmacy Group Ltd. - 1190 Wellington Street - Pharmaceuticals and Pathological wastes - 218.9 metres south
- Betty Bright Cleaners/Belanger Cleaners (Out of Business) - 1119 Wellington Street - Halogenated Solvents - 230.2 metres east.

Kollaard Associates considers that none of the waste generators have resulted in APECs on the subject site.

In the National PCB Inventory and Inventory of PCB Storage Sites databases, Grace General Hospital - 1156 Wellington Street - 208.1 metres southeast was identified. Kollaard Associates considers there are no concerns with the subject site.



Scott's Manufacturing Directory lists several sites located as follows:

- Myropen Publications Ltd/GEM Softward Scheduling - 383 Parkdale Avenue - 100.86 metres south of the site
- Fuji Graphic Systems Canada/Graphic Display Canada - 45 Spencer Street - 137.3 metres west/northwest of the site
- M.O.M. Printing/St. Joseph Printing/Scintrex Trace Corp - 300 Parkdale Avenue - 193.7 West/northwest of the site.

Based on distances, Kollaard Associates considers that none of these properties have caused any APECs on the subject site.

No other significant environmental concerns are listed in the Environmental Risk Information Services Standard Report. As such, Kollaard Associates considers that there are no sites representing APECs to the subject site.

4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

A review of air photographs of the site for the years 1928, 1958, 1965, 1976, 1991, 2008, 2011, 2015 and 2019 was carried out as part of this Phase I ESA (Attachment C). The aerial photographs were obtained from the City of Ottawa website and National Air Photo Library. The following table is a summary of the air photograph review:

Date	Observations
1928	Poor quality air photograph. The site appears to be occupied by a single family dwelling. The surrounding properties appear to be residential development.
1958	A single family dwelling exists at the site. The surrounding properties are also residential development.
1965	A small storage shed exists directly behind the dwelling at the site. No significant changes are evident on the subject site or adjacent properties.
1976	Poor quality air photograph. No significant changes are evident on the subject site or adjacent properties.
1991	Some of the trees have become overgrown over time. No significant changes are evident on the subject site or adjacent properties.
2008	No significant changes are evident on the subject site or adjacent properties.



2011	A vehicle is observed parked behind the dwelling and in the driveway. No other significant changes are evident on the subject site or adjacent properties.
2015	No significant changes are evident on the subject site or adjacent properties.
2019	A new detached garage has been built at the site in the place of the previous garage. No other significant changes are evident on the subject site or adjacent properties.

4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Topography and Hydrology

The ground surface across the site and surrounding area is generally flat lying. There is a slight slope from north to south across the site toward Armstrong Street.

The regional topography slopes northwest towards the Ottawa River located approximately 980 metres northwest of the subject site (Attachment B).

Surficial and Bedrock Geology

Based on a review of the surficial geology map for the site area, it is expected that the site is underlain by glacial till and/or shallow bedrock. Bedrock geology maps indicate that the bedrock underlying the site consists of limestone, dolostone, shale, arkose or sandstone of the Ottawa Formation.

Based on a review of overburden thickness mapping for the site area, the overburden is estimated to be between about 0.9 to 1.2 metres in thickness above bedrock.

Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography of the area, it is expected that the local shallow groundwater flow is to the northwest.

4.3.3 FILL MATERIALS

It is expected that some minor fill materials were used for the driveway at the site.



4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

There are no surface water features located on or within the vicinity of the subject site. The regional topography slopes northwest towards the Ottawa River located approximately 980 metres northwest of the subject site.

No provincially significant wetlands (PSWs) or areas of natural and scientific interest (ANSIs) were identified on the subject property or within the study area.

4.3.5 WELL RECORDS

A search on The Ministry of the Environment, Conservation and Parks website for Water Well Record Mapping was completed as part of this assessment. There were no drinking water wells records were identified within 250 metres of the subject site.

Other records identified within 250 metres of the site are indicated to be for boreholes. The boreholes are indicated to range in depth from about 7.6 to 6.1 metres below existing ground surface. It is indicated that the boreholes were placed for environmental and geotechnical purposes.

5.0 INTERVIEWS

Based on a discussion with the existing owner of the site, Mr. Jack Billen of Lion Trade Ltd., it is understood that the dwelling is currently used as a rental house. It is also understood that the building was built prior to 1928. The owner is unaware if the building was heated with oil in the past and to his knowledge, there have been no spills or other environmental issues at the site. The building is currently heated using natural gas.



6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

On December 7 and 13, 2021, walk-through site reconnaissances were conducted at the subject property by a member of Kollaard Associates Professional staff. The uses of the site and adjacent properties within the Phase I ESA Study Area were assessed. Observations of adjacent properties were limited to views from the subject property and from publicly accessible areas.

The attached Key Plan, Figure 1 and air photographs show the relative location of the subject site with respect to the surrounding land and the existing roadway network.

Site photographs are provided (Attachment F).

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 SITE DESCRIPTION

The following was observed:

- The site is currently occupied by a two storey, single family dwelling with a crawl space basement, a gravel driveway and yard space. Currently, the dwelling is used as a rental unit.
- The dwelling has a shallow concrete poured foundation and is clad in vinyl siding. It is understood that the building was constructed prior to 1928.
- Areas not occupied by the dwelling or driveway are yard space.
- Armstrong Street is located south of the site followed by residential development. Residential development is also located east and west of the site.
- In general, surface drainage across the site slopes slightly from north to south toward Armstrong Street.
- One service station (Petro Canada) is located about 165 metres southwest of the site.

The attached Key Plan, Figure 1 and air photographs show the relative location of the subject site with respect to the surrounding land and the existing roadway network.



6.2.2 SITE INFRASTRUCTURE

The following observations of the site were made.

Electricity

Currently, the dwelling is supplied by overhead hydro. Overhead wiring was observed along Armstrong Street. The area is serviced by Hydro Ottawa.

Heating and Cooling

The dwelling is serviced by natural gas. There were no signs of fill pipes around the exterior of the foundation. No evidence of an above ground fuel oil storage tank was observed within the basement of the dwelling. No fuel oil odours were noted at the time of the site visit. No air conditioners were observed at the time of the site visit.

Water Supply

A municipal water supply system is located within Armstrong Street and services the dwelling.

Wastewater and Sewage Disposal

The area is serviced by sanitary and storm sewers located within Armstrong Street.

Sumps, Pits and Floor Drains

There are no floor drains located within the basement of the dwelling at the site. The floor of the basement consisted of bedrock.

6.2.3 BUILDING DESCRIPTION

The site is currently occupied by a two storey, single family dwelling with a crawl space basement, a gravel driveway and yard space. A tenant occupies the building. The dwelling has a shallow concrete poured foundation and is clad in vinyl siding. It is understood that the building was constructed prior to 1928.



6.2.4 POTENTIALLY CONTAMINATING ACTIVITY

Based on a review of information for the site, the historical use been for residential purposes.

No waste generators or manufacturing or other database search results were identified at the subject site.

Based on information provided, there are no current or historical activities at the subject site that could be considered “Potentially Contaminating Activities”, as identified in Table 2 of Schedule D of O. Reg. 153/04.

The following table describes PCAs at the site and in vicinity of the site.

Address / Occupant	Activity	Distance from Subject Site	Potential Area of Concern on Subject Site (Y/N)?
PCA 1 1 Grant Street - Grant Street Garage	Activity #10 - Garages and Maintenance and Repair	134.2 m SE	N
PCA 2 390 Parkdale Avenue - Existing Petro Canada Fuel Station	Activity #28 - Gasoline and Associated Products Storage in Fixed Tanks	148.2 SW	N
PCA 3 300 Parkdale Avenue - Family Services Ottawa - Former M.O.M. Printing	Activity #31 - Ink Manufacturing, Processing and Bulk Storage	195.0 NW	N
PCA 4 1190 Wellington Street West - Existing Rexall Drugs - Former Fuel Station	Activity #28 - Gasoline and Associated Products Storage in Fixed Tanks	207.0 SE	N



6.2.5 MATERIALS HANDLING AND STORAGE

General Storage and Debris

At the time of the site reconnaissance, solid waste storage was not observed or expected at the site.

Solid Waste

The area is served by City of Ottawa municipal waste collection on a weekly basis.

Hazardous Materials

No storage of hazardous materials was observed or is expected on the subject site.

6.2.6 DESIGNATED AND REGULATED SUBSTANCES

Polychlorinated Biphenyls (PCBs)

The use of PCBs in electrical equipment such as transformers, capacitors, fluorescent light ballasts, etc. was common up to about 1980. The Federal Chlorobiphenyls Regulation, SOR/91-152, prohibits the use of PCBs in the aforementioned electrical equipment installed after July 1, 1980. It is not a requirement to remove materials containing PCBs. However, any handling or removal of PCB containing equipment should be carried out in accordance with Ontario Regulation 362, PCB Waste Management under the Environmental Protection Act of Ontario, R.S.O 1990.

Older fluorescent lighting, if present, could contain PCBs within the light ballasts. Should any removal of lighting and electrical equipment which may contain PCBs be removed from the buildings during future renovations or demolition, it should first be identified through a designated substances and hazardous materials survey (DSS) whether special handling may be required.

Based on the age of the building at the site, there is a possibility that PCB containing equipment may exist within the building at the site although some incandescent lighting was observed.



Suspect Asbestos Containing Materials (ACM)

The common use of friable (breakable by hand) ACM in construction decreased in the mid 1970s. Buildings constructed prior to about 1985 may contain some ACM. Friable asbestos (friable is defined as a material that can be crumpled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980's. Examples where ACM can exist include floor, wall or ceiling tiles, heating/cooling pipes, pipe gaskets, roofing materials and insulation/non-combustible materials. The application of friable asbestos was banned by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

Under Ontario Regulations, it is not a requirement to remove asbestos from a building unless it is damaged or is likely to be disturbed during renovations or demolition work etc. Applicable regulations define "asbestos-containing material" as material that contains 0.5 per cent or more asbestos by dry weight. If asbestos is to be removed, it should be carried out in accordance with the procedures outlined in Ontario Regulation 837, R.R.O. 1990 and Ontario Regulation 278/05.

Based on the age of the building at the site, there is a potential for ACMs to be contained within the building materials. Prior to any future demolition, it is recommended that a Designated Substances Survey (DSS) be carried out to identify and test building materials to ensure proper handling and disposal measures are carried out.

Ozone- Depleting Substances (ODS)

Certain chemicals, recognized as ozone- depleting substances (ODS), break down in the stratosphere and release chlorine or bromine, which in turn destroy the stratospheric ozone layer. Most of these substances are also greenhouse gases. Ozone- depleting substances are used as foam blowing agents, solvents, fire extinguishers, and refrigerants for air conditioning and refrigeration applications. Under the Canadian Environmental Protection Act, 1999, Environment Canada administers the Ozone- Depleting Substances Regulations, 1998 and its subsequent amendments to reduce the use of these and other ODS. According to Environment Canada's website, the target established by these regulations specifies a one hundred percent reduction in the use of HCFCs by the year 2030. As of



January 1, 2010, no new manufacture or import of HCFC (R-22) containing equipment was allowed in Canada.

No air conditioners were observed at the site.

Lead

Lead is commonly associated with old pipes, pipe solder, and lead paint. In 1976, Canadian Regulations limited the amount of lead in interior paint to 0.5 percent by weight. Although paints containing lead were banned from uses on exterior or interior surfaces of buildings, furniture or household products in the 1970s, various commercial paints (e.g., road paint) are still known to contain lead.

Based on the age of the building at the site, there is a potential for lead paint and/or lead to be present within the building materials. A Designated Substances Survey should be carried out prior to any renovations or demolition to ensure proper handling/disposal of any building materials that contain hazardous materials.

Urea Formaldehyde Foam Insulation (UFFI)

Urea Formaldehyde Foam Insulation is composed of a mixture of urea-formaldehyde resin, a foaming agent, and compressed air. It was commonly injected in exterior wood frame and masonry walls in order to insulate difficult to reach cavities until its ban in Canada in December 1980. The majority of UFFI was installed in new and existing construction in Canada between 1975 and 1978 as part of the Canadian Home Insulation Program.

Due to the age of the building at the site, there is a potential for UFFI to be present. A Designated Substances Survey should be carried out prior to any renovations or demolition to ensure proper handling/disposal of any building materials that contain hazardous materials.



6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS

No above ground fuel storage tanks were observed within the basement of the dwelling at the site. No staining or odours were detected within the basement. No evidence of former use of heating oil was observed at the site. Based on a review of the Ecolog ERIS report for the site and site area, no reports of any spills were documented for the site.

6.2.8 ADJACENT PROPERTIES

For the approximate locations of the following properties, see Attachment E, Map Key and Overview.

At the time of the site visit, adjacent properties were observed from publicly accessible areas to determine whether any activities on those properties could pose a concern for the subject site.

Surrounding land use is currently mixed residential development. The site is bordered on the west, north and east by residential development, on the south by Armstrong Street followed by other residential development.

One existing gas station (Petro Canada) was observed within 250 metres of the site. A former gas station was located about 207 metres southeast of the site. The site of the former gas station is currently a pharmacy with a parking lot. Due to the distance from the site and probable local groundwater flow direction (northeast), the former gas station does not result in an APEC on the subject site.

Some hydrocarbon spills were reported to have occurred within 150 metres of the subject site. However, due to the distance and nature of the spills (all localized) from the site, Kollaard Associates does not consider any of these to have resulted in an APEC.



6.2.9 Enhanced Investigation Property Observations

Part VI of O.Reg. 511/09 defines an Enhanced Investigation Property as (i) a property used, or has ever been used, in whole or part, for an industrial purpose, or (ii) a commercial property used as a garage, a bulk liquid dispensing facility, including a gasoline outlet or for the operation of dry cleaning equipment.

Based on the records review and site reconnaissance the site was not classified as an Enhanced Investigation Property.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

The Phase I ESA presented herein is based on information that was obtained from a records review (Section 4.0), interviews (Section 5.0) and site reconnaissance (Section 6.0). The details of the information obtained from each of these sources are provided in the relevant sections of this report. Based on the information obtained, Kollaard Associates has not identified any current and/or historical potential sources of contamination (PCAs) with no resulting areas of potential environmental concern (APEC) at the site, which are described in Section 7.0.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The site is currently occupied by a single family dwelling and a driveway. The remaining areas not occupied by the dwelling or driveway are grass surfaced yard space. The yard space is enclosed by a wooden fence.

Based on a review of historical aerial photographs, title search, historical maps, and other records review, the site was first developed sometime prior to 1928. The 1928 air photograph indicates a single family dwelling at the site. This corresponds with the timeline of the air photographs.

A description of current and past uses of the Phase I ESA property to its first developed use is provided below.



Year	Owner	Property Use
1801 -2020	Various individuals	Probably Agricultural followed by Residential
2020 - 2021	2856774 Ontario Ltd.	Residential

7.2 POTENTIALLY CONTAMINATING ACTIVITY

As per Ontario Regulation 153/04, a Potential Contaminating Activity (PCA) is defined as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D. From that list, no items were identified for the subject site.

The historical use of the site has been for agricultural and residential purposes only of which aerial photographs confirmed over the years. The site has been used for residential purposes since at least 1928. There are no current or historical activities at the subject site that qualify as PCAs.

Based on information provided, one current or historical activity has been identified within 250 metres that could be considered “Potentially Contaminating Activities”, as identified in Table 2 of Schedule D of O. Reg. 153/04 (see Table, below).

No records for waste generation or handling or Scott’s Manufacturing directory and other database search requests were found for the subject site (Section 4.2.2).

The following table describes PCAs at the site and in vicinity of the site.

Address / Occupant	Activity	Distance from Subject Site	Potential Area of Concern on Subject Site (Y/N)?
PCA 1 1 Grant Street - Grant Street Garage	Activity #10 - Garages and Maintenance and Repair	134.2 m SE	N



PCA 2 390 Parkdale Avenue - Existing Petro Canada Fuel Station	Activity #28 - Gasoline and Associated Products Storage in Fixed Tanks	148.2 SW	N
PCA 3 300 Parkdale Avenue - Family Services Ottawa - Former M.O.M. Printing	Activity #31 - Ink Manufacturing, Processing and Bulk Storage	195.0 NW	N
PCA 4 1190 Wellington Street West - Existing Rexall Drugs - Former Fuel Station	Activity #28 - Gasoline and Associated Products Storage in Fixed Tanks	207.0 SE	N

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

There are four current or historical activities that has been identified within 250 metres of the subject site that could be considered Potentially Contaminating Activities within the Phase One Study Area (see Conceptual Site Model, Figure 2). However, none of the activities are considered to have any impact to the subject site based on the historical information and relative distance to the site.

There were no PCAs on the subject property. There are no offsite PCAs which have resulted in APECs on the subject site.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase I ESA Conceptual Model provided as Figure 2 identifies the PCAs (identified in Sections 7.2 and 7.3, if applicable) and within the Phase I Study Area (250 metres) as well as surface features, such as buildings, roads and property uses for adjacent properties. The Phase I study area and all of the activities and historical property uses are described within maps provided.

The following describes the Phase One ESA Conceptual Site Model (CSM) for the Site based on the information obtained and reviewed as part of this Phase I ESA:

- The subject site for this assessment consists of one property with civic address 211 Armstrong Street, in the City of Ottawa, Ontario.



- The site has a total area of 0.05 hectares (0.11 acres) of land located on the north side of Armstrong Street, about 30 metres east of the intersection of Parkdale Avenue and Armstrong Street in the City of Ottawa, Ontario.
- The site is currently occupied by a single family dwelling. The remaining areas not occupied by the dwelling consists of a gravel surfaced driveway and grass surfaced yard space.
- The historical use of the site has been for residential (since at least 1928) purposes, with possible early use as agricultural or other use.
- A single family dwelling was observed on a 1928 air photograph.
- According to the Ecolog ERIS report, there are no water wells present on the site.
- The site is bordered on the west, north and east by residential development, on the south by Armstrong Street followed by other residential development.
- The local topography is mostly flat lying with a gentle slope from north to south towards Armstrong Street located south of the site. The regional topography slopes northwest towards the Ottawa River located about 980 metres from the subject site. Surface water drainage is controlled by catch basins and sewers.

In order to determine whether any potentially contaminating activities within the Phase I study area may have contributed to an APEC at the subject site, the following were considered.

Site and area topography and surface water drainage: For most of the site, the ground surface consists of a gentle slope from north to south. Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. Based on the topography of the area, it is expected that the local shallow groundwater flow is to the northeast toward the Ottawa River located about 980 metres from the subject site. The regional topography also slopes north towards the Ottawa River.

Hydrogeology/Surficial and Bedrock Geology: Based on a review of the surficial geology map for the site area, it is expected that the site is underlain by a thin veneer of glacial till overlying shallow bedrock. Based on a review of the surficial geology map for the site area, it is expected that the site is underlain by glacial till and/or shallow bedrock. Bedrock geology maps indicate that the bedrock underlying the site consists of limestone, dolostone, shale, arkose or sandstone of the Ottawa Formation. Based on a review of overburden thickness mapping for the site area, the overburden is estimated to be between about 0.9 to 1.2 metres in thickness above bedrock.



Contaminant distribution, transport and underground utilities: The soils at the site and within the Phase I study area consist of a thin veneer of glacial till underlain by shallow bedrock. The Phase I study area is also controlled by municipal storm and sanitary sewers. Contamination would tend to migrate downward until saturated conditions are encountered which likely occurs in shallow fractured bedrock. Once saturated conditions are encountered, and depending on contaminant mobility, solubility, volatility, etc., the contaminants could be expected to dissolve into the groundwater and migrate laterally in the direction of groundwater flow through bedrock fractures. In this case, the topographical information indicates that the groundwater flow gradient is moving towards the Ottawa River located approximately 980 metres northwest of the subject site.

The underground utilities pertaining to water and sewer enter the site from Armstrong Street. Hydro services are overhead. Service trenches related to underground utilities provide preferential pathways for contaminant migration. However, no contamination is expected to exist at the site.

Uncertainty: The uncertainties associated with the conceptual model include those associated with a limited documentation for the subject site and adjacent sites. However, based on the body of information acquired, it is considered that the absence of this information should not likely affect the final conclusion of the Phase I ESA. There were no material deviations to the Phase I ESA requirements set out in O. Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase I Conceptual Site Model or the findings of this Phase I ESA.

8.0 CONCLUSION

8.1 PHASE II ESA REQUIREMENT FOR RSC FILING

The results of this Phase I ESA suggest that a Phase II ESA is not required at this time.

The current and proposed development of the site is residential use.

Given that the Phase I property is currently used as a single family dwelling and is to be redeveloped with a higher density residential building, there will be no change in the land use from less sensitive to more sensitive. Therefore, an RSC is not required for the property, based on our understanding of Ontario Regulation 153/04.



8.2 SIGNATURES

The results of this Phase I ESA should in no way be construed as a warranty that the subject property is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of Lion Trade Ltd. and is based on data and information collected during the Phase I ESA of the property conducted by Kollaard Associates Inc. This report may not be relied upon by any other person or entity without the express written consent of Lion Trade Ltd. and Kollaard Associates Inc. In evaluating this site, Kollaard Associates Inc. has relied in good faith on information provided by others. The assessment of environmental conditions and possible site hazards presented has been made using available technical data collected and provided by others. We accept no responsibility for any deficiencies, or inaccuracies in this report as a result of omission, misinterpretations, or fraudulent acts of others.

The conclusions provided herein represent the best judgement of Kollaard Associates Inc. based on current environmental standards. Due to the nature of the investigation and the limited data available, we cannot warrant against undiscovered environmental liabilities. If new information is discovered during future work, including excavations, borings or other studies, Kollaard Associates Inc. should be requested to re-evaluate the conclusions presented in this report and provide amendments as required.

We trust that this report is sufficient for your present requirements. If you have any questions concerning this report, please do not hesitate to contact our office.

Yours truly,

Kollaard Associates Inc.

Dean Tataryn, B.E.S., EP.



Colleen Vermeersch, P. Eng.



9.0 REFERENCES

City of Ottawa geoMaps, air photographs for the years 1928, 1958, 1965, 1976, 1991, 2008, 2015, and 2019.

Old Landfill Management Strategy Phase 1 – Identification of Sites, City of Ottawa, Ontario, December 2003, Reference Number 021-2785 by Golder Associates Ltd.

Topographic Map: NRCan Topographic Maps, Ottawa, Ontario, 31 G/5, Edition 11, published 1998, current as of 1994, scale 1:50,000.

Surficial Geology Map: Geological Survey of Canada, Surficial Geology, Ottawa, Ontario, Map 1506A, published 1982, scale 1:50,000.

Bedrock Geology Map: Geological Survey of Canada, Generalized Bedrock Geology, Ottawa-Hull, Ontario and Quebec, Map 1508A, published 1979, scale 1:125,000.

Ecolog Eris Ltd. Standard Report, dated November 1, 2021, various federal, provincial and private database records for 250 metres study area.



10.0 QUALIFICATIONS OF THE ASSESSORS

Dean Tataryn, B.E.S., EP – Senior Environmental Professional

Mr. Dean Tataryn is a Senior Environmental Professional (EP) with Kollaard Associates Inc. in Kemptville, Ontario. Mr. Dean Tataryn has been conducting Phase I ESAs in accordance with the CSA Standard and Environmental Protection Act for more than 25 years. Mr. Tataryn has conducted more than 150 Phase I, II and III ESAs for commercial/residential clients over his career. Mr. Tataryn obtained a Bachelor of Environmental Studies (Honours Urban and Regional Planning) and a Certificate in Environmental Assessment from the University of Waterloo in 1995. Mr. Tataryn obtained his Environmental Professional (EP) designation in June of 2010.

EP certification is available exclusively to experienced professionals who have five or more years of relevant environmental work experience. Recipients of the EP designation have demonstrated that their skills and knowledge meet or exceed the National Occupational Standards (NOS) to ensure that they possess the specific environmental competencies required in their fields of practice. The NOS are a comprehensive list of skill statements that describe the competencies required for environmental work in Canada. The NOS provides a rigorous, nationally validated benchmark of the skills, knowledge and experience relevant for practice within the environment sector in the areas of environmental protection, resource management, environmental sustainability, environmental management, environmental auditing and/or greenhouse gas reporting.



Mr. Tataryn joined Kollaard Associates Inc. in 2005 and has worked on numerous environmental, geotechnical and hydrogeological assessment projects over his career. Mr. Tataryn is fully trained in coordinating and conducting environmental site assessments, environmental remediation, reclamation and restoration, contamination and spill inspections, and storage tank assessment and removal.

Kollaard Associates is an engineering consulting firm that provides a complete range of engineering services for developers, builders and homeowners in Eastern Ontario. Kollaard Associates specializes in providing civil, structural, geotechnical, hydrogeological and environmental services to our clients. Kollaard Associates Inc. has been established as a team of engineers and consultants since 2005. Mr. William Kollaard, P.Eng., owner and president, is responsible for the overall company development and management of the firm.

Colleen Vermeersch, P.Eng.

Colleen Vermeersch is an engineer with Kollaard Associates Inc. in Kemptville, Ontario. Colleen has been conducting Phase I ESAs in accordance with the CSA Standard and Environmental Protection Act for more than four years. Colleen has conducted more than thirty Phase I ESAs for commercial/residential clients over her career and several Phase II ESAs, some of which have involved clean up supervision. Colleen Vermeersch obtained a Bachelor of Engineering (Environmental) from Carleton University in 2007 and achieved professional status in 2012.

Colleen joined Kollaard Associates Inc. in 2007 and has worked on numerous environmental and hydrogeological projects since that time. Colleen is fully trained in carrying out and analyzing pumping tests, and field and lab based testing to determine soil and aquifer properties, such as hydraulic conductivity, transmissivity and groundwater flow directions/gradients, as these apply to contaminant transport and migration, coordinating and conducting environmental site assessments, environmental remediation, and storage tank assessment and removal.

- LEGEND:**
- I INSTITUTIONAL USE
 - R RESIDENTIAL USE
 - C COMMERCIAL USE
 - M INDUSTRIAL USE
 - P PARK/COMMUNITY USE
 -  PHASE I SITE BOUNDARY
 -  PHASE I STUDY AREA
250 METRES RADIUS

THERE ARE NO ANSI OR SURFACE WATER BODIES IN THE PHASE I ESA STUDY AREA.

THERE ARE NO WELLS ON THE PHASE I PROPERTY.

THERE ARE NO USTs WITHIN THE PHASE I ESA PROPERTY.

NOTE: THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING REPORT.

REFERENCE: MAPPING OBTAINED FROM OTTAWA GEOMAPS

REV.	NAME	DATE	DESCRIPTION



PO, BOX 189, 210 PRESCOTT ST (613) 860-0923
KEMPTVILLE ONTARIO info@kollaard.ca
KOG 1J0 FAX (613) 258-0475
http://www.kollaard.ca

CLIENT:
LION TRADE LTD.

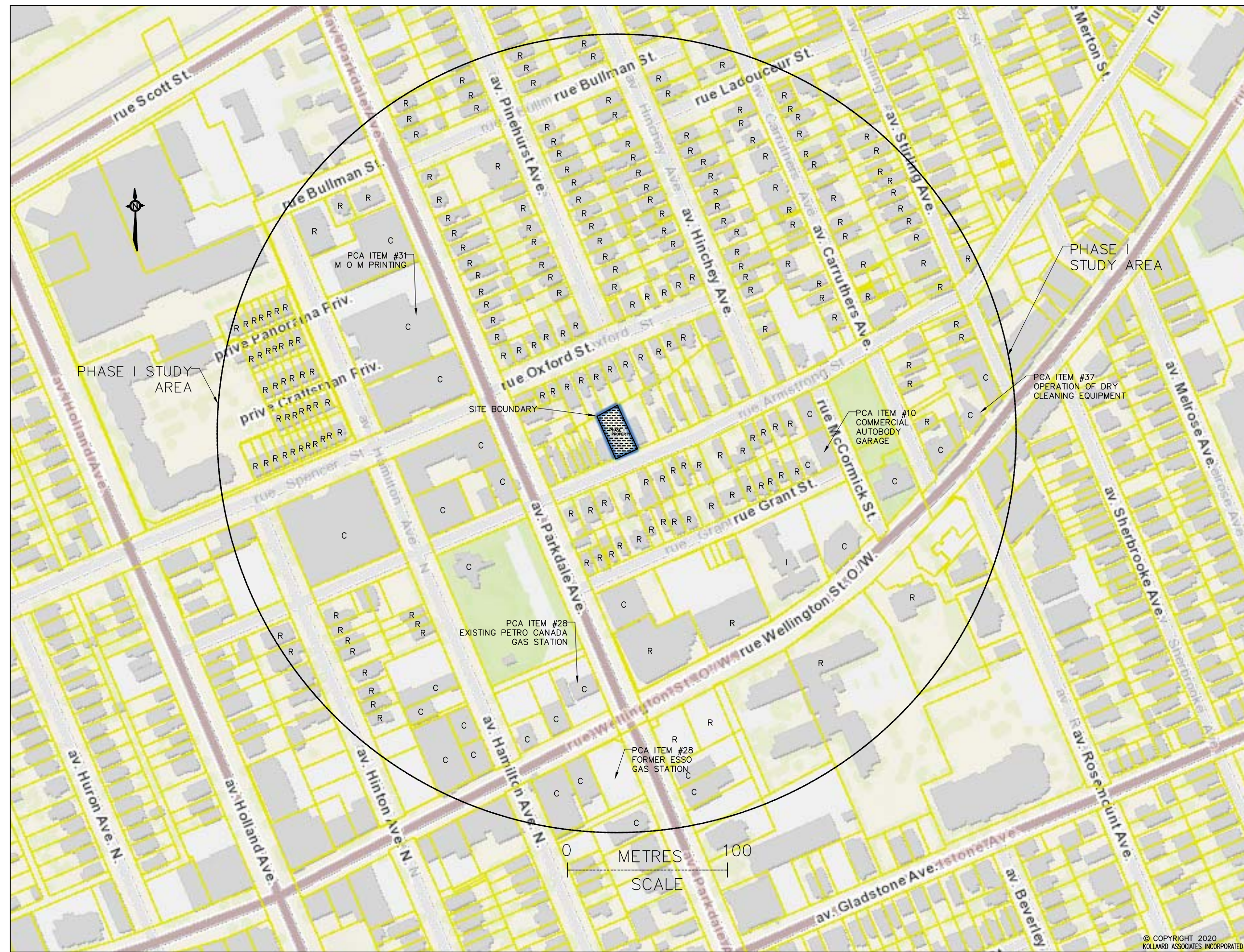
PROJECT:
PHASE I ENVIRONMENTAL
SITE ASSESSMENT
CONCEPTUAL SITE MODEL

LOCATION:
211 ARMSTRONG STREET
CITY OF OTTAWA, ONTARIO

DESIGNED BY: -- DATE: DEC 10, 2021

DRAWN BY: DT SCALE: AS SHOWN

KOLLAARD FILE NUMBER:
211169





Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT A

TITLE SEARCH DOCUMENTATION

CHAIN OF TITLE REPORT

Project #: 211169
 Address: 211 Armstrong Street, Ottawa
 Legal: Lot 24 Plan 99
 Description: _____

Searched at: Ottawa
 LRO #: 4

Page 1

PIN #: 04094-0261 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	30 06 1801	Crown	Isabella McKENZIE
RO358	Deed	01 01 1831	Isabella McKenzie	James ANDERSON
RO418	Deed	28 04 1831	James Anderson	John ANDERSON
5265	Will	29 07 1851	John Anderson - Estate	Janet ANDERSON
9053	Deed	16 10 1855	Janet Anderson	James FITZGIBBON
14722	Deed	11 10 1859	James Fitzgibbon - Estate	Ed McGILLIVRAY
23136	Deed	30 09 1863	Ed McGillivray	Donald GRANT & James M. GRANT
309	Deed	30 05 1896	Donald Grant & James M. Grant	William BURNETT
2141	Deed	21 09 1906	William Burnett	Henry A. ROBINSON

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 211169
 Address: 211 Armstrong Street, Ottawa
 Legal: Lot 24 Plan 99
 Description: _____

Searched at: Ottawa
 LRO #: 4

Page 2

PIN #: 04094-0261 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
132724	Deed	22 06 1920	Caroline Robinson exor for Henry A. Robinson - Estate	Richard TRAVERSE
221461	Deed	26 05 1937	Ellen Traverse exor for Richard Traverse - Estate	Eugenie LADOU CER & Eva LADOU CER
229113	Deed	01 09 1939	Eugenie Ladoucer & Eva Ladoucer	Malvina LABONTE & Ovia LABONTE
329745	Deed	25 01 1955	Malvina Labonte - Estate Ovia Labonte - Estate	Royal LAVOIE & Fernando LAVOIE
541161	Deed	26 04 1968	Royal Lavoie & Fernando Lavoie	Charles LUCAS & Johannes SANDER
NS154932	Deed	30 06 1982	Charles Lucas & Johannes Sander	Michael Joseph Patrick REGNIER & Joanne Fleur Ange REGNIER
N664165	Deed	30 06 1993	Michael Joseph Patrick Regnier & Joanne Fleur Ange Regnier	Robert HANLON
OC40311	Deed	01 02 2002	Robert Hanlon	Gary TREMBLAY & Janice MENEZES
OC2414143	Deed (Present Owner)	22 10 2021	Gary Tremblay & Janice Menezes	2856774 Ontario Ltd.

PROPERTY DESCRIPTION: LT 24, PL 99 ; OTTAWA/NEPEAN

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK 106

PIN CREATION DATE:
1996/06/24

OWNERS' NAMES
TREMBLAY, GARY
MENEZES, JANICE

CAPACITY SHARE
JTEN
JTEN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1996/06/24 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/06/24**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/06/21 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES * AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1996/06/24 **</p>						
N664165	1993/06/30	TRANSFER		*** COMPLETELY DELETED ***	HANLON, ROBERT	
N664166	1993/06/30	CHARGE		*** COMPLETELY DELETED ***	LA CAISSE POPULAIRE ST. CHARLES D'OTTAWA LTEE	
N664167	1993/06/30	ASSIGNMENT GENERAL		*** COMPLETELY DELETED ***		
REMARKS: N664166						
LT1239589	1999/10/27	TRANSFER OF CHARGE		*** COMPLETELY DELETED *** LA CAISSE POPULAIRE ST. CHARLES D'OTTAWA LTEE.	THE TORONTO-DOMINION BANK	
REMARKS: N664166.						
OC40311	2002/02/01	TRANSFER	\$140,000	HANLON, ROBERT	TREMBLAY, GARY	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
REGISTRY
OFFICE #4

04094-0261 (LT)

PREPARED FOR bertucci
ON 2021/11/10 AT 11:32:24

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC40312	2002/02/01	CHARGE		*** COMPLETELY DELETED *** TREMBLAY, GARY MENEZES, JANICE	MENEZES, JANICE MCAP SERVICE CORPORATION	
OC40813	2002/02/04	CHARGE		*** COMPLETELY DELETED *** TREMBLAY, GARY MENEZES, JANICE	HANLON, ROBERT	
OC52996	2002/03/20	DISCH OF CHARGE		*** COMPLETELY DELETED *** THE TORONTO-DOMINION BANK		
	REMARKS: RE: N664166					
OC297250	2004/02/04	DISCH OF CHARGE		*** COMPLETELY DELETED *** HANLON, ROBERT		
	REMARKS: RE: OC40813					
OC698351	2007/03/20	TRANSFER OF CHARGE		*** COMPLETELY DELETED *** MCAP SERVICE CORPORATION	CIBC MORTGAGES INC.	
	REMARKS: OC40312					
OC1015031	2009/08/11	CHARGE	\$220,000	MENEZES, JANICE TREMBLAY, GARY	CANADIAN IMPERIAL BANK OF COMMERCE	C
OC1875457	2017/03/22	DISCH OF CHARGE		*** COMPLETELY DELETED *** CIBC MORTGAGES INC.		
	REMARKS: OC40312.					
OC2414143	2021/10/22	TRANSFER	\$875,000	MENEZES, JANICE TREMBLAY, GARY	2856774 ONTARIO LTD.	
OC2414144	2021/10/22	CHARGE	\$656,250	2856774 ONTARIO LTD.	EQUITABLE BANK	
OC2414145	2021/10/22	NO ASSGN RENT GEN		2856774 ONTARIO LTD.	EQUITABLE BANK	

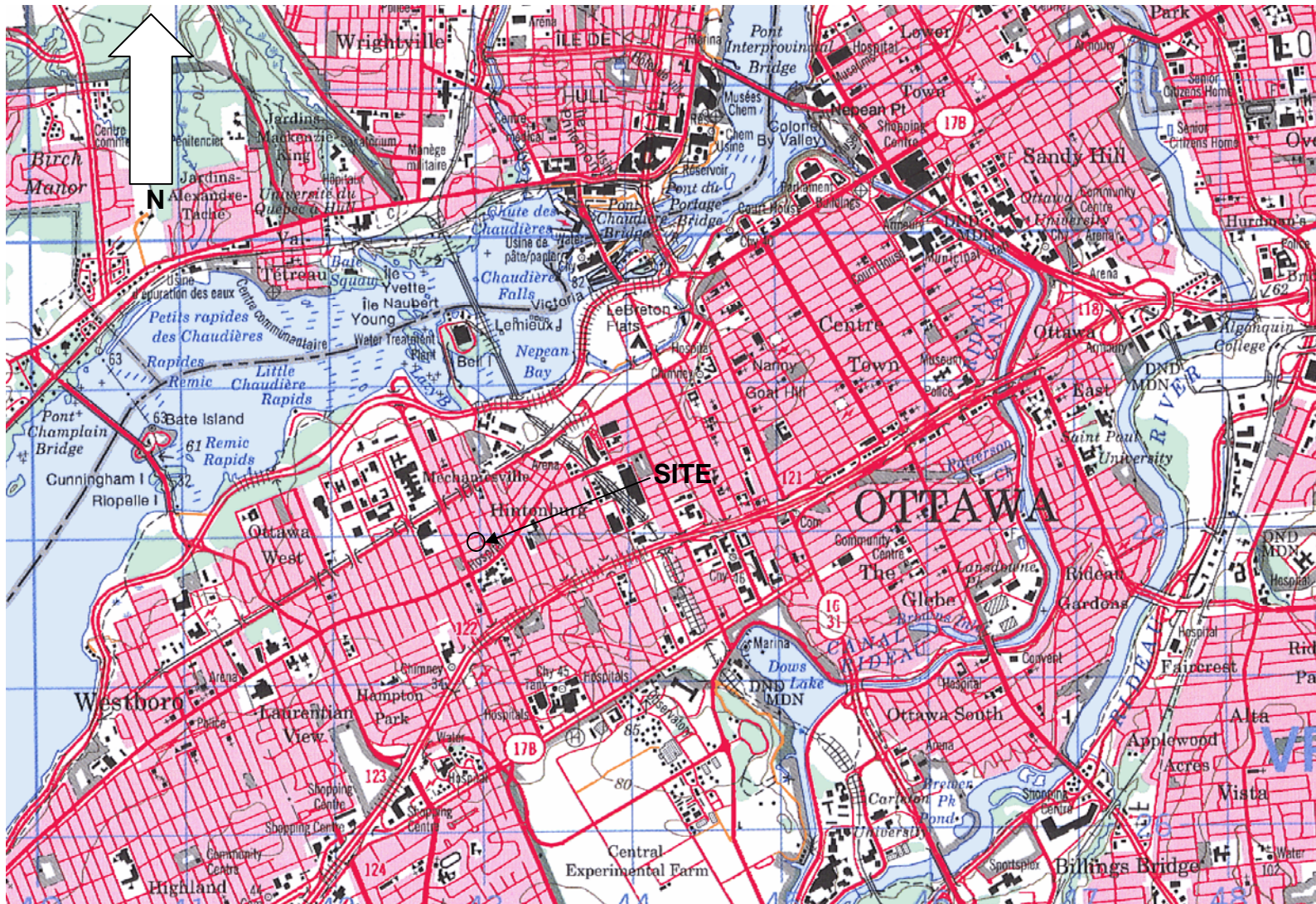


Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT B

TOPOGRAPHIC MAP



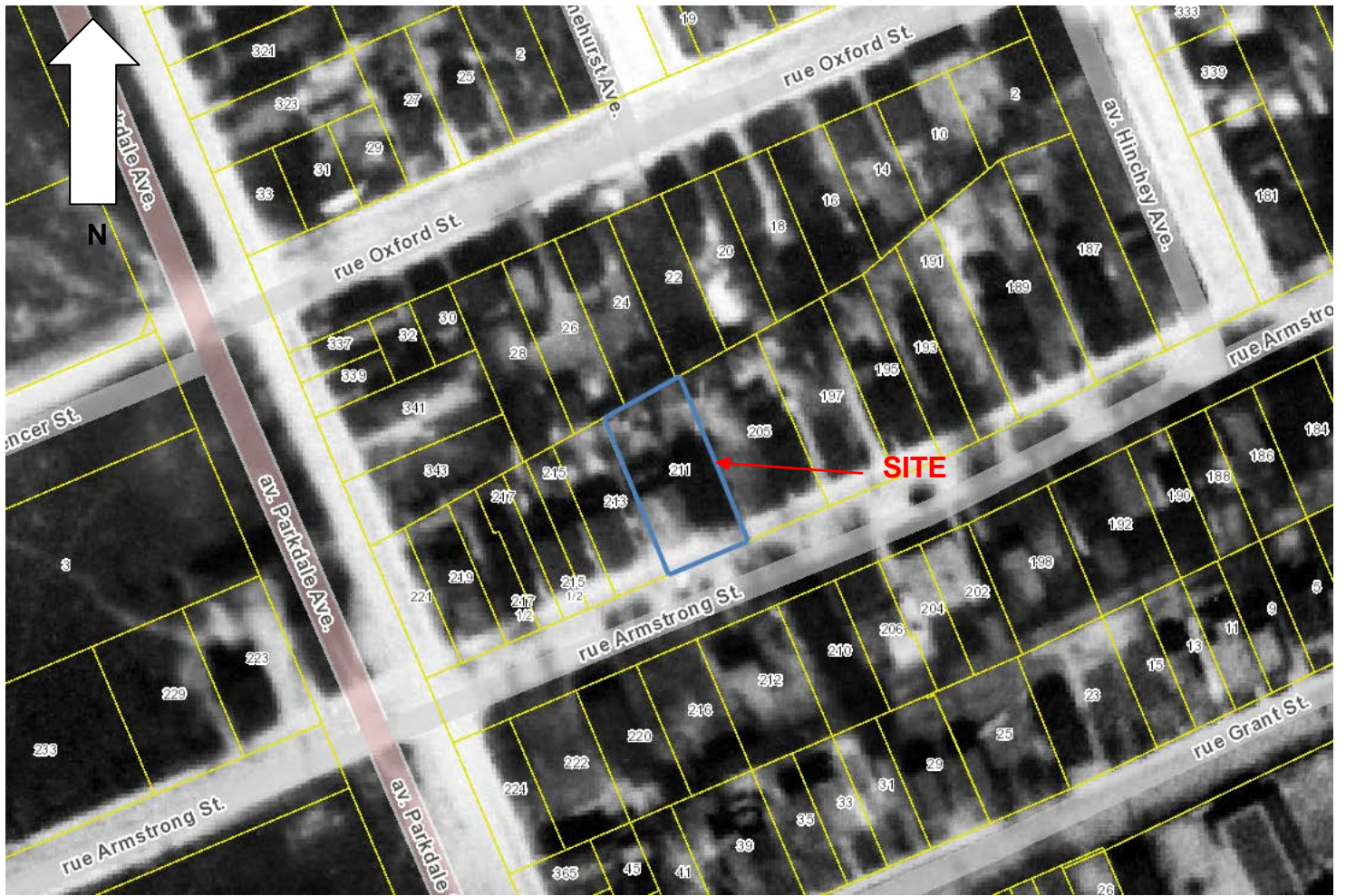


Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT C
AIR PHOTOGRAPHS

AIR PHOTOGRAPH



1928



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



1958



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



1965



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



AIR PHOTOGRAPH



1991



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



2008



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



2011



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



2015



Kollaard Associates
Engineers

Project No. 211169

Date December 2021

AIR PHOTOGRAPH



2019



Kollaard Associates
Engineers

Project No. 211169

Date December 2021



Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT D

CITY OF OTTAWA CORRESPONDENCE



Kollaard Associates

Engineers

210 Prescott Street

P.O. Box 189

Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology •

(613) 860-0923

FAX: (613) 258-0475

October 28, 2021

211169

City of Ottawa
Planning and Development
110 Laurier Avenue West
Ottawa, Ontario
K1P 1J1

Attention: To whom it may concern

Re: ENVIRONMENTAL SEARCH REQUEST
211 ARMSTRONG STREET
CITY OF OTTAWA, ONTARIO

Dear Sir/Madam:

Kollaard Associates Inc. was retained by Lion Trade Ltd. to carry out a Phase I ESA for the above noted site. Kollaard Associates Inc. hereby requests that the City of Ottawa conduct a search of all environmental databases, including the Historical Land Use Inventory ("HLUI"). Kollaard Associates Inc. is interested in any information pertaining to the environmental condition of the property and adjoining areas including, but not limited to past environmental reports, orders, violations of environmental statutes, regulations or by-laws, certificates, approvals, permits and any other environmental information.

Please find attached the consent letter, HLUI disclaimer form, and the Request for Information form. We thank you for your cooperation in this matter and look forward to your reply.

If you should require further information, please do not hesitate to contact the requestor at dean@kollaard.ca or by telephone at (613) 860-0923, Ext 225.

Sincerely,
KOLLAARD ASSOCIATES, INC.

Dean Tataryn, B.E.S., EP.



Professional Engineers
Ontario

Authorized by the Association of Professional Engineers
of Ontario to offer professional engineering services.

Office Use Only

Application Number: _____ Ward Number: _____ Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____ Fee Received: \$ _____



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

*Site Address or Location:

211 Armstrong Street, Ottawa, Ontario

* Mandatory Field

Applicant/Agent Information:

Name:

KOLLAARD ASSOCIATES INC. (Dean Tataryn)

Mailing Address:

210 Prescott Street, Kemptville, Ontario

Telephone:

6138600923

Email Address:

dean@kollaard.ca

Registered Property Owner Information:

Same as above

Name:

Lion Trade Ltd.

Mailing Address:

894 Clarity Avenue, Ottawa, Ontario

Telephone:

6138984346

Email Address:

jack@liontrade.ca

Site Details

Legal Description
and PIN:

What is the land
currently used for?

Residential

Lot frontage: m Lot depth: m Lot area: _____ m²

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Kollaard Associates Inc. ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI 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.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: Dean Tataryn

Dated (dd/mm/yyyy): 28/10/2021

Per: Dean Tataryn

(Please print name)

Title: Environmental Professional

Company: Kollaard Associates Inc.



Kollaard Associates

Engineers

210 Prescott Street
P.O. Box 189
Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology •

(613) 860-0923

FAX: (613) 258-0475

October 28, 2021

211169

Lion Trade Ltd.
894 Clarity Avenue
Ottawa, Ontario K2J 6M2

Re: Consent to Disclose Information
211 Armstrong Street
City of Ottawa, Ontario

Dear Sir/Madam,

We have been retained to perform a Phase I Environmental Site Assessment (ESA) for the above noted property located within the City of Ottawa, Ontario.

We are requesting consent from you, the owner of 211 Armstrong Street Road for the City of Ottawa to disclose information for the purpose of the Phase I Environmental Site Assessment. This will authorize the City of Ottawa to release any relevant information about the property to the requester.

To provide consent, please sign and date the following.

EBW
Owner/Representative Signature
(Lion Trade Ltd.)

2021-12-07
Date

Erik Brien-Wright
Owner/Representative Name (Please Print)
(Lion Trade Ltd.)

Thank you for your assistance regarding this matter.

Sincerely,
KOLLAARD ASSOCIATES, INC.

Dean Tataryn, B.E.S., EP.



Professional Engineers
Ontario

Authorized by the Association of Professional Engineers
of Ontario to offer professional engineering services.

City of Ottawa

Property Information

Source: https://maps.ottawa.ca/geoOttawa

Date/Time Generated: 2021-10-28, 11:12:19 a.m.

Property Parcel:

Calculated Parcel Area^[i]: 461.78 m² (4970.55 ft²) (0.05 ha)

Main Address:

211 ARMSTRONG ST

Solid Waste Collection:

Waste Contractor: City

Zone: 3

Pickup Day/Calendar: THURSDAY/A

Ward Information

Number: 15

Ward Name: Kitchissippi

Councillor Name: Jeff Leiper

Property aerial photo



^[i]The property parcel area value shown is based on the parcel selected to generate the report.



Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT E

ECOLOG ERIS SERVICES



DATABASE REPORT

Project Property: 211169
211 Armstrong Street
Ottawa ON K1Y 2W4

Project No: 211169

Report Type: *Standard Report*

Order No: 21102700713

Requested by: *Kollaard Associates Inc.*

Date Completed: *November 1, 2021*

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.....	35
Map.....	69
Aerial.....	70
Topographic Map.....	71
Detail Report.....	72
Unplottable Summary.....	435
Unplottable Report.....	438
Appendix: Database Descriptions.....	456
Definitions.....	465

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: 211169
211 Armstrong Street Ottawa ON K1Y 2W4

Project No: 211169

Coordinates:

Latitude: 45.4020851
Longitude: -75.7289649
UTM Northing: 5,027,903.82
UTM Easting: 442,928.52
UTM Zone: 18T

Elevation: 206 FT
62.68 M

Order Information:

Order No: 21102700713
Date Requested: October 27, 2021
Requested by: Kollaard Associates Inc.
Report Type: Standard Report

Historical/Products:

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	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	18	18
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	14	14
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	3	3
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	5	5
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	47	47
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	12	12
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	1	1
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	84	84
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	4	4
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	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	4	4
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	1	1
PINC	<i>Pipeline Incidents</i>	Y	0	7	7
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	5	5
PTTW	<i>Permit to Take Water</i>	Y	0	1	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	3	3
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	18	18
SPL	<i>Ontario Spills</i>	Y	0	23	23
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	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	88	88
Total:			0	345	345

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
1	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041979	W/51.3	0.20	72
2	WWIS		Parkdale Ave Ottawa ON Well ID: 7343188	SW/51.9	0.20	74
3	WWIS		Parkdale Ave Ottawa ON Well ID: 7343165	W/55.3	0.20	78
4	WWIS		Parkdale Ave Ottawa ON Well ID: 7343189	WSW/56.8	0.20	82
5	WWIS		Parkdale Ave Ottawa ON Well ID: 7343190	W/58.6	0.20	87
6	CA	OTTAWA CITY	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	WSW/61.5	0.20	91
6	CA	R.M. OF OTTAWA-CARLETON	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	WSW/61.5	0.20	91
7	WWIS		Parkdale Ottawa ON Well ID: 7343163	W/62.5	0.20	91
8	WWIS		PARKDALE AVE Ottawa ON Well ID: 7343192	WSW/62.6	0.20	95
9	WWIS		Parkdale Ave Ottawa ON Well ID: 7343166	W/63.8	0.20	98
10	WWIS		parkdale Ave Ottawa ON Well ID: 7343164	W/64.6	0.20	102
11	WWIS		231 ARMSTRONG Ottawa ON	WSW/64.9	0.20	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7276809			
12	WWIS		Parkdale Ave Ottawa ON Well ID: 7343172	SW/65.9	0.20	108
13	CA	R.M. OF OTTAWA-CARLETON	PINEHURST AVE./OXFORD ST. OTTAWA ON	N/67.7	-0.80	113
14	WWIS		Parkdale Ave Ottawa ON Well ID: 7343182	SW/68.6	0.20	113
15	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7042084	W/71.1	0.20	116
16	WWIS		3 HAMILTON AVE. NORTH ON Well ID: 7107670	WSW/71.3	0.20	119
17	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041981	WSW/72.4	0.20	121
18	WWIS		Parkdale Ave Ottawa ON Well ID: 7343171	SSW/72.6	0.20	124
19	WWIS		PARKDALE AVE Ottawa ON Well ID: 7343193	WSW/74.1	0.20	128
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	132
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	132
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	132
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	132
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	132

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	EHS		25 Grant Street Ottawa ON K1Y 2W8	ESE/74.7	0.20	133
21	WWIS		Parkdale Ottawa ON Well ID: 7343180	WSW/75.3	0.20	133
22	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041977	WNW/76.9	-0.80	136
23	WWIS		366 Parkdale Ave Ottawa ON Well ID: 7343169	WSW/78.9	0.20	139
24	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041980	W/80.7	0.20	142
25	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041978	W/80.8	0.20	145
26	WWIS		Parkdale Ottawa ON Well ID: 7343179	SW/81.6	0.20	147
27	WWIS		366 Parkdale Ave Ottawa ON Well ID: 7343170	SW/82.3	0.20	151
28	WWIS		223 Armstrong St Ottawa ON Well ID: 7343181	WSW/82.7	0.20	154
29	WWIS		Parkdale Ottawa ON Well ID: 7343162	WSW/83.4	0.20	158
30	WWIS		PARKDALE Ave Ottawa ON Well ID: 7343197	SW/85.3	0.20	161
31	SPL	Enbridge Gas Distribution Inc.	infront of 228 Armstrong St Ottawa ON	WSW/86.3	0.20	164
31	PINC	PIPELINE HIT 1.25"	228 ARMSTRONG ST,,OTTAWA,ON,K1Y 4T1,CA ON	WSW/86.3	0.20	165

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
32	WWIS		Armstrong St. Ottawa ON <i>Well ID:</i> 7343191	WSW/87.2	0.20	165
33	WWIS		366 Parkdale Ave Ottawa ON <i>Well ID:</i> 7343168	SW/90.0	0.20	169
34	WWIS		PARKDALE Ave Ottawa ON <i>Well ID:</i> 7343196	WSW/90.1	0.20	173
35	WWIS		Ottawa ON <i>Well ID:</i> 7343186	WSW/90.3	0.20	176
36	WWIS		2323 RIVERSIDE DR Ottawa ON <i>Well ID:</i> 7275421	W/90.7	0.20	180
37	EASR	HONEYWELL LIMITED/HONEYWELL LIMITEE	229 Armstrong ST Ottawa ON K1Y 2W5	WSW/91.3	0.20	183
38	WWIS		366 ARMSTRONG ST Ottawa ON <i>Well ID:</i> 7276808	W/91.7	0.20	183
38	WWIS		2323 RIVERSIDE RD Ottawa ON <i>Well ID:</i> 7275422	W/91.7	0.20	186
39	WWIS		PARKDALE Ottawa ON <i>Well ID:</i> 7343194	SW/92.2	0.20	189
40	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041975	WNW/92.3	0.20	193
41	WWIS		PARKDALE Ave Ottawa ON <i>Well ID:</i> 7343195	SW/93.6	0.20	195
42	WWIS		Parkdale + Hamilton St. Ottawa ON <i>Well ID:</i> 7343184	WSW/95.0	0.20	199
43	WWIS		Ottawa ON	WSW/95.1	0.20	202

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7343187			
44	WWIS		340 PARKDALE AVE Ottawa ON Well ID: 7342139	W/95.3	0.20	205
45	WWIS		PARKDALE Ave Ottawa ON Well ID: 7343199	SW/96.2	0.36	209
46	WWIS		229 Armstrong St Ottawa ON Well ID: 7343178	W/97.5	0.20	212
47	WWIS		229 Armstrong St Ottawa ON Well ID: 7343177	WSW/98.1	0.20	215
48	WWIS		3 Hamilton Ave Ottawa ON Well ID: 7343183	WSW/99.2	0.20	218
49	WWIS		Parkdale Ave Ottawa ON Well ID: 7343167	SW/99.4	0.20	222
50	WWIS		3 Hamilton Ave Ottawa ON Well ID: 7343185	W/99.9	0.20	225
51	GEN	OLIVER, MANGIONE, MCCALLA & ASSOC.	LTD. 154 COLONNADE RD. SOUTH NEPEAN ON K2E 7J5	NE/100.4	-0.80	229
51	GEN	OLIVER, MANGIONE, MCCALLA AND	ASSOCIATES LIMITED 154 COLONNADE ROAD SOUTH NEPEAN ON K2E 7J5	NE/100.4	-0.80	229
51	GEN	OLIVER, MANGIONE, MCCALLA & ASSOC.29-465	LTD. 154 COLONNADE RD. SOUTH NEPEAN ON K2E 7J5	NE/100.4	-0.80	229
51	GEN	OLIVER, MANGIONE, MCCALLA AND	154 COLONNADE ROAD SOUTH NEPEAN ON K2E 7J5	NE/100.4	-0.80	230
52	SPL	UNKNOWN	OFFICE BLDG AT 383 PARKDALE AVE IN THE SUMP PUMP HOLES IN PARKING GARAGE OTTAWA CITY ON K1Y 4R4	S/100.9	0.20	230

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
52	SCT	Myropen Publications Ltd.	383 Parkdale Ave Suite 402 Ottawa ON K1Y 4R4	S/100.9	0.20	230
52	SCT	GEM Software Scheduling	383 Parkdale Av Suite 304 Ottawa ON K1Y 4R4	S/100.9	0.20	231
52	GEN	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S/100.9	0.20	231
52	GEN	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S/100.9	0.20	231
52	GEN	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S/100.9	0.20	231
52	GEN	GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S/100.9	0.20	232
52	GEN	GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S/100.9	0.20	232
52	GEN	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S/100.9	0.20	232
52	GEN	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S/100.9	0.20	232
52	GEN	GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S/100.9	0.20	233
53	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041973	W/101.7	0.20	233
54	WWIS		Armstrong St Ottawa ON Well ID: 7343200	WSW/101.9	0.20	235
55	WWIS		1161 WELLINGTON ST OTTAWA ON Well ID: 7044709	ESE/102.2	0.20	239

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
56	WWIS		340 PARKDALE AVE Ottawa ON <i>Well ID:</i> 7342140	W/102.6	0.20	242
57	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041974	W/103.1	0.20	245
58	GEN	HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/104.7	0.20	248
59	WWIS		233 ARMSTRONG Ottawa ON <i>Well ID:</i> 7220783	W/105.6	0.20	248
60	WWIS		PARKDALE Ave Ottawa ON <i>Well ID:</i> 7343198	WSW/105.9	0.20	251
61	EHS		323 Parkdall Ave Ottawa ON	WNW/106.9	0.20	254
62	SCT	ADD ELECTRONICS INC.	233 Armstrong St Ottawa ON K1Y 2W5	WSW/110.0	0.20	255
63	WWIS		ON <i>Well ID:</i> 7203872	SW/110.1	0.20	255
64	SCT	Merge Business Solutions	1165 Wellington St W Ottawa ON K1Y 2Y9	SE/113.8	0.20	256
65	PES	HOLISTECH PEST CONTROL INC.	5 GRANT ST.; APT. #2 OTTAWA ON K1Y 2W8	E/114.5	0.20	256
66	INC		320 PARKDALE AVE, OTTAWA ON	WNW/117.0	0.20	257
67	CA	OTTAWA CITY - PARKDALE AVE./SPENCER ST.	OXFORD ST./HINCHEY ST. OTTAWA CITY ON	NE/121.0	-0.80	257
68	GEN	OTTAWA UPHOLSTERY	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	E/124.4	0.20	258

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
68	GEN	OTTAWA UPHOLSTERY INC	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	E/124.4	0.20	258
69	PRT	785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y 2Y9	SSE/124.9	0.51	258
69	PRT	785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y2Y9	SSE/124.9	0.51	258
69	DTNK	785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON	SSE/124.9	0.51	258
69	DTNK	785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y 2Y9	SSE/124.9	0.51	259
70	SPL	PRIVATE OWNER	395 PARKDALE TRANSPORT TRUCK (CARGO) OTTAWA ON K1Y 4V4	S/125.1	0.20	260
71	WWIS		ON Well ID: 7200459	WSW/126.8	0.51	260
72	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041972	W/128.0	0.20	261
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION P.O. BOX 3160,STATION "C" 3 HAMILTON AV OTTAWA ON K1Y 4J4	W/128.9	0.20	263
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	264
73	GEN	HONEYWELL LIMITED 35-071	SPERRY AEROSPACE DIVISION P.O. BOX 3160,STATION "C" 3 HAMILTON AV OTTAWA ON K1Y 4J4	W/128.9	0.20	265
73	GEN	SPERRY INC	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W/128.9	0.20	265
73	GEN	SPERRY SEE&USE ON0144004	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W/128.9	0.20	265

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
73	GEN	SPERRY SEE&USE ON0144004 35-071	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W/128.9	0.20	266
73	GEN	SPERRY (SEE&USE ON0144004)	AEROSPACE & MARINE GROUP 3 HAMILTON AVENUE NORTH OTTAWA ON K1Y 1B4	W/128.9	0.20	266
73	EBR	Honeywell Limited	Adjacent to 3 Hamilton Avenue, Ottawa, Ontario CITY OF OTTAWA ON	W/128.9	0.20	266
73	PTTW	Honeywell Limited	3 Hamilton Ave, 223 & 233 Armstrong Street CITY OF OTTAWA ON	W/128.9	0.20	267
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	267
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	268
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 4J4	W/128.9	0.20	268
73	ECA	Honeywell Limited	3 Hamilton Ave 223 & 233 Armstrong Street Ottawa ON M2H 3N7	W/128.9	0.20	268
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	269
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	269
73	GEN	HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	270
73	GEN	HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	270

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
73	GEN	HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W/128.9	0.20	270
74	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041971	W/130.1	0.20	271
75	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041970	W/130.7	0.20	274
76	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041969	W/131.6	0.20	276
77	WWIS		177 ARMSTRONG ST. OTTAWA ON Well ID: 7198934	ENE/132.9	-0.80	279
78	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041967	W/133.8	0.20	282
79	SPL		1 Grant Street Ottawa ON K1Y 2W8	E/134.4	0.20	284
80	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041961	WSW/134.5	1.20	285
81	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041968	W/134.7	0.20	287
82	SPL	City of Ottawa	329 Hinchey St Ottawa ON	NE/135.5	-0.80	290
83	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041962	W/136.1	0.51	290
84	WWIS		3 HAMILTON AVE NORTH ON Well ID: 7041960	WSW/136.3	1.20	293
85	WWIS		3 HAMILTON AVE NORTH ON	W/136.4	0.51	295

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7041963			
86	EHS		1161-1171 Wellington Ave Ottawa ON	SE/137.3	1.20	298
86	EHS		1161 Wellington St W Ottawa ON K1Y2Z1	SE/137.3	1.20	298
86	SPL		1161 Wellington St. W Ottawa ON	SE/137.3	1.20	298
87	SCT	GRAPHIC DISPLAY CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW/137.3	0.20	298
87	SCT	FUJI GRAPHIC SYSTEMS CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW/137.3	0.20	299
87	SCT	THE ENVELOPE HOUSE	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW/137.3	0.20	299
87	SCT	GRAPHIC DISPLAY CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW/137.3	0.20	299
87	SCT	Graphic Display Canada - A St- Joseph Corporation Company	45 Spencer St Ottawa ON K1Y 2P5	WNW/137.3	0.20	300
87	GEN	GRAPHIC DISPLAY CANADA	DIVISION OF M.O.M. PRINTING LTD. 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW/137.3	0.20	300
87	GEN	GRAPHIC DISPLAY CANADA 18-125	DIVISION OF M.O.M. PRINTING LTD. 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW/137.3	0.20	300
87	GEN	GRAPHIC DISPLAY CANADA	M.O.M. PRINTING LIMITED, A DIVISION OF 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW/137.3	0.20	300
87	SCT	Canadian Criminal Justice Assn	320 Parkdale Ave Suite 101 Ottawa ON K1Y 4X9	WNW/137.3	0.20	301
87	SPL		320 Parkdale Ave Ottawa ON	WNW/137.3	0.20	301

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>88</u>	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041964	W/138.4	0.51	<u>301</u>
<u>89</u>	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041966	W/138.5	0.20	<u>304</u>
<u>90</u>	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041976	W/139.3	0.51	<u>306</u>
<u>91</u>	EHS		177 Armstrong Ottawa ON	ENE/139.9	-0.80	<u>309</u>
<u>92</u>	EHS		177 & 179 Armstrong Avenue Ottawa ON K1Y 2W2	ENE/140.0	-0.80	<u>309</u>
<u>93</u>	WWIS		177 ARMSTRONG ST. OTTAWA ON <i>Well ID:</i> 7198935	ENE/140.1	-0.80	<u>309</u>
<u>94</u>	WWIS		3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041965	W/140.9	0.51	<u>312</u>
<u>95</u>	WWIS		366 PARKDALE AVE. Ottawa ON <i>Well ID:</i> 7133809	SSW/141.7	1.20	<u>315</u>
<u>96</u>	EHS		312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW/143.5	0.20	<u>318</u>
<u>96</u>	EHS		312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW/143.5	0.20	<u>318</u>
<u>96</u>	EHS		312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW/143.5	0.20	<u>319</u>
<u>97</u>	WWIS		1145 WELLINGOTN ST. OTTAWA ON <i>Well ID:</i> 7296560	ESE/144.7	0.45	<u>319</u>
<u>98</u>	CA		Grant Street and McCormick Avenue Ottawa ON	E/145.8	0.20	<u>322</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
98	ECA	City of Ottawa	Grant Street and McCormick Avenue Ottawa ON K1V 6A6	E/145.8	0.20	322
99	SPL	PRIVATE RESIDENCE	20 PINEHURST AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 1K3	NNW/148.9	-0.80	322
100	WWIS		1145 WELLINGTON ST. OTTAWA ON <i>Well ID: 7296559</i>	E/150.5	0.20	323
101	EHS		312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW/152.6	0.20	326
102	WWIS		366 PARKDALE AVE. Ottawa ON <i>Well ID: 7133808</i>	SSW/153.4	1.20	326
103	CA	R.M. OF OTTAWA-CARLETON	HAMILTON ST./SPENCER ST. OTTAWA ON	W/154.2	0.20	329
104	WWIS		7 HINTON AVE Ottawa ON <i>Well ID: 7166778</i>	WSW/155.5	1.20	329
105	WWIS		7 HINTON AVE Ottawa ON <i>Well ID: 7166779</i>	W/158.2	1.20	333
106	SPL	OTTAWA HYDRO	4 HAMILTON ST. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	W/158.2	1.20	336
106	SCT	VOGUE BRASSIERE INC.	7 HINTON AVE N OTTAWA ON K1Y 4P1	W/158.2	1.20	337
106	SCT	CANADIAN ARCTIC RESOURCES COMM	7 Hinton Ave N Suite 200 Ottawa ON K1Y 4P1	W/158.2	1.20	337
106	SCT	Canadian Arctic Resources Committee Inc.	7 Hinton Ave N Suite 200 Ottawa ON K1Y 4P1	W/158.2	1.20	337
106	GEN	Metcalf Realty Company Limited	7 Hinton Avenue Ottawa ON	W/158.2	1.20	337

<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>
106	EHS		7 Hinton Ave N. Ottawa ON K1Y 4P1	W/158.2	1.20	338
106	SCT	Artech Studios	6 Hamilton Ave N Suite 250 Ottawa ON K1Y 4R1	W/158.2	1.20	338
106	GEN	METCALFE REALTY LIMITED	7 HINTIN AVE., NORTH OTTAWA ON	W/158.2	1.20	338
106	GEN	Metcalfe Realty Company Limited	7 Hinton Avenue Ottawa ON	W/158.2	1.20	338
106	GEN	Metcalfe Realty Company Limited	7 Hinton Avenue Ottawa ON	W/158.2	1.20	339
107	PRT	PARKDALE SUNOCO	390 PARKDALE AV OTTAWA ON K1Y1G6	S/158.6	1.20	339
107	CA	SUNOCO INC.	390 PARKDALE AVENUE (SWM) OTTAWA CITY ON K1Y 1G6	S/158.6	1.20	339
107	RST	PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y 1G6	S/158.6	1.20	340
107	SPL	Suncor Energy Products Inc.	390 Parkdale Ave SUNCOR SERVICE STATION<UNOFFICIAL> Ottawa ON K1Y 1G6	S/158.6	1.20	340
107	FSTH	1496030 ONTARIO INC	390 PARKDALE AV OTTAWA ON K1Y 1G6	S/158.6	1.20	340
107	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA 390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	341
107	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA 390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	341

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
107	RST	PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y1G6	S/158.6	1.20	342
107	DTNK	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	342
107	DTNK	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	342
107	DTNK	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	342
107	RST	PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y1G6	S/158.6	1.20	342
107	FST	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	342
107	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	343
107	FST		390 PARKDALE AVE OTTAWA ON K1Y 1G6	S/158.6	1.20	343
107	FST	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	344
107	FST	6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	344
107	FST	SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S/158.6	1.20	345
108	EHS		1156 Wellington Street Ottawa ON	SE/161.4	1.20	345
109	PINC	FAIT CONSTRUCTION	276 CARRUTHERS AVE,,OTTAWA,ON, K1Y 1N9,CA ON	ENE/161.4	-0.80	345

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
109	SPL		276 Carruthers Ave Ottawa ON	ENE/161.4	-0.80	346
110	EHS		258 Carruthers Ave Ottawa ON K1Y1N9	ENE/164.1	-0.80	346
111	SPL		@ McCormick St. Ottawa ON K1Y 2Y9	ESE/164.2	1.29	347
111	EHS		1145 Wellington St W Ottawa ON K1Y2Y9	ESE/164.2	1.29	347
112	EHS		12 Hamilton Ave N Ottawa ON	SW/168.5	1.20	347
113	SPL		Parkdale Ave. & Wellington St. Ottawa ON	S/172.4	1.20	347
114	SPL	Enbridge Gas Distribution Inc.	305 Hinchey Ave. Ottawa ON	NNE/174.0	-0.80	348
114	PINC	TSSA INCIDENTS	305 HINCHEY AVE,,OTTAWA,ON,K1Y 1L7,CA ON	NNE/174.0	-0.80	348
115	WWIS		7 HINTON AVE OTTAWA ON Well ID: 7192836	WSW/177.2	1.20	349
116	GEN	CAA NORTH & EAST ONTARIO	16 HAMILTON AVENUE OTTAWA ON	SW/180.9	1.20	353
117	PINC	ENBRIDGE GAS INC	301 HINCHEY AVE,,OTTAWA,ON,K1Y 1M1,CA ON	NNE/181.4	-0.80	353
118	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/183.4	1.20	353
119	WWIS		7 HINTON AVE. Ottawa ON	W/184.5	1.20	354

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7119461			
120	EHS		16 Hamilton Avenue North Ottawa ON K1Y 1B6	SW/185.1	1.20	362
121	WWIS		1156 WELLINGTON STREET WEST Ottawa ON Well ID: 7203873	SSE/185.1	1.20	362
121	GEN	Doran Contractors Limited	1166 Wellington Stree West Ottawa ON K1V 8Y3	SSE/185.1	1.20	365
121	WWIS		1166 WELLINGTON ST Ottawa ON Well ID: 7315271	SSE/185.1	1.20	366
121	SPL		1166 Wellington Street W Ottawa ON	SSE/185.1	1.20	368
122	WWIS		22 HAMILTON AVE Ottawa ON Well ID: 7180987	SW/186.0	1.20	368
123	EHS		262 Armstrong Street Ottawa ON K1Y 2W6	WSW/187.0	1.20	372
124	EHS		22 Hamilton Ave N Ottawa ON K1Y 1B6	SW/189.2	1.20	372
125	EHS		238 Carruthers Avenue Ottawa ON K1Y 1N9	NE/191.1	-0.77	372
126	ECA	Patrick John Mills	284 Hinchey Ave 286 Hinchey Avenue Ottawa ON K1Y 1M2	N/192.3	-0.80	373
127	SCT	M O M PRINTING	300 PARKDALE AVE OTTAWA ON K1Y 1G2	WNW/193.7	0.20	373
127	SCT	ST-JOSEPH M.O.M. PRINTING	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW/193.7	0.20	373
127	GEN	M.O.M. PRINTING	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW/193.7	0.20	373

<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>
127	GEN	M.O.M. PRINTING	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW/193.7	0.20	374
127	GEN	M.O.M. PRINTING 25-205	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW/193.7	0.20	374
127	GEN	M.O.M. PRINTING	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW/193.7	0.20	375
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	375
127	SCT	Scintrex Trace Corp.	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW/193.7	0.20	376
127	EHS		300 Parkdale Avenue Ottawa ON K1Y 1G2	WNW/193.7	0.20	376
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	376
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	376
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	377
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	377
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	378
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	378
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	379

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	379
127	GEN	Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW/193.7	0.20	380
127	SPL	Waste Connections of Canada Inc. as general partner for and on behalf of Ridge	(Chatham) Holdings L.P. 300 Parkdale Ave Ottawa ON	WNW/193.7	0.20	381
128	EASR	2145675 ONTARIO INC.	20 Hamilton AV N_FR Ottawa ON K1Y 1B6	SW/195.3	1.20	381
129	SCT	ENTRO BUILDING SYSTEMS INC.	286 HINCHEY AVE OTTAWA ON K1Y 1M2	N/196.6	-0.80	382
130	WWIS		ON Well ID: 7122598	WNW/198.2	0.20	382
131	GEN	MARQUARDT PRINTING	1195 WELLINGTON STREET OTTAWA ON K1Y 2Z6	SSW/198.6	1.20	383
131	EHS		1195 Wellington St W Ottawa ON K1Y2Z6	SSW/198.6	1.20	383
131	WWIS		1195 WELLINGTON ST W Ottawa ON Well ID: 7232120	SSW/198.6	1.20	384
131	WWIS		1195 WELLINGTON ST W Ottawa ON Well ID: 7232121	SSW/198.6	1.20	386
131	WWIS		1195 WELLINGTON ST W Ottawa ON Well ID: 7232122	SSW/198.6	1.20	389
132	PINC	ENBRIDGE GAS INC	22 HAMILTON AVE N,,OTTAWA,ON,K1Y 1B6,CA ON	SW/201.3	1.20	392
133	EASR	DORAN CONTRACTORS LIMITED	ON K1Y 1E4	SSE/202.6	1.20	393

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
134	CA	R.M. OF OTTAWA-CARLETON	CARRUTHERS AVE/WELLINGTON ST. OTTAWA CITY ON	E/207.9	1.20	393
134	CA	OTTAWA CITY	CARRUTHERS AVE./WELLINGTON ST. OTTAWA CITY ON	E/207.9	1.20	393
135	CA	SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA CITY ON K1Y 2Z3	SE/208.1	1.15	393
135	NPCB	SALVATION ARMY GRACE HOSPITAL	BUILDING ENGINEER; 1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	394
135	NPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	394
135	NPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	395
135	CA	SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON ST. OTTAWA CITY ON K1Y 2Z3	SE/208.1	1.15	395
135	CA	SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON ST. OTTAWA CITY ON K1Y 2Z3	SE/208.1	1.15	395
135	EHS		1156 Wellington Street Ottawa ON K1Y 2Z3	SE/208.1	1.15	396
135	OPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	396
135	OPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	396
135	OPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	397
135	OPCB	GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	397

<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>
135	GEN	SALVATION ARMY GRACE GENERAL HOSP.	1156 WELLINGTON STREET, OTTAWA, ON K1Y 2Z3	SE/208.1	1.15	398
135	GEN	SALVATION ARMY GRACE GENERAL HOSP.	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE/208.1	1.15	398
135	GEN	SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z4	SE/208.1	1.15	398
135	CA	The Salvation Army	1156 Wellington Street Ottawa ON	SE/208.1	1.15	399
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	400
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	400
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	400
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON	SE/208.1	1.15	401
135	EHS		1156 Wellington St W Ottawa ON K1Y2Z3	SE/208.1	1.15	401
135	ECA	The Salvation Army	1156 Wellington St Ottawa ON M4H 1P4	SE/208.1	1.15	401
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	401
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	402
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	402

<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>
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	402
135	GEN	The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE/208.1	1.15	403
136	SPL	ESSO PETROLEUM CANADA	ESSO STATION AT 1186 WELLINGTON AT PARKDALE SERVICE STATION OTTAWA CITY ON K1Y 2Z5	S/209.9	1.20	403
136	SPL	IMPERIAL OIL	IMPERIAL OIL GAS STATION 1186 WELLINGTON AT PARKDALE ESSO SERVICE STATION OTTAWA CITY ON K1Y 2Z5	S/209.9	1.20	403
136	PRT	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON K1Y2Z5	S/209.9	1.20	404
136	PRT		1186 WELLINGTON ST. OTTAWA ON	S/209.9	1.20	404
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON K1Y 2Z5	S/209.9	1.20	404
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S/209.9	1.20	405
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S/209.9	1.20	406
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S/209.9	1.20	406
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S/209.9	1.20	407
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	407

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	407
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	408
136	DTNK	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	408
136	FST	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	408
136	FST	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	408
136	FST	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	409
136	FST	PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S/209.9	1.20	409
137	HINC		1140 WELLINGTON STREET OTTAWA ON	ESE/212.2	1.05	410
137	INC		1140 WELLINGTON STREET, OTTAWA ON	ESE/212.2	1.05	410
137	EHS		1140 Wellington St Ottawa ON K1Y	ESE/212.2	1.05	411
137	PINC	PIPELINE HIT 2"	1140 WELLINGTON ST,,OTTAWA,ON,K1Y 2Z3,CA ON	ESE/212.2	1.05	411
137	RSC	TAMARACK (WESTBORO) CORPORATION	1140 WELLINGTON STREET WEST, OTTAWA, ON K1Y 2Z3 Ottawa ON	ESE/212.2	1.05	411
137	ECA	Wellington II Inc.	1140 Wellington St W Ottawa ON K1V 8Y3	ESE/212.2	1.05	413

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
138	EHS		1188 Wellington St. W Ottawa ON K1Y 2Z5	S/212.3	1.20	413
138	EHS		1188 Wellington St. W Ottawa ON K1Y 2Z5	S/212.3	1.20	413
138	EHS		1188 Wellington St. W Ottawa ON K1Y 2Z5	S/212.3	1.20	413
138	EHS		1188 Wellington St. W Ottawa ON K1Y 2Z5	S/212.3	1.20	413
138	EHS		1188 Wellington St. W Ottawa ON K1Y 2Z5	S/212.3	1.20	414
139	GEN	VIC'S HARDROCK CYCLE	1203 WELLINGTON STREET OTTAWA ON K1Y 2Z8	SSW/213.9	1.20	414
140	EHS		7 Hinton Ave N Ottawa ON K1Y4P1	WSW/214.5	1.20	414
141	EHS		79 Hinton Avenue North Ottawa ON K1Y 0Z7	WSW/216.4	1.20	414
142	WWIS		1140 WELLINGTON STREET WEST ON Well ID: 7220780	E/216.6	1.20	415
143	CA	OTTAWA CITY - PARKDALE AVENUE	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	NNW/217.0	-0.80	418
143	CA	OTTAWA CITY - HINCHEY STREET	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	NNW/217.0	-0.80	418
144	CA	OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	E/218.9	1.20	418
144	CA	OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	E/218.9	1.20	418

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
144	SPL	Enbridge Gas Distribution Inc.	Rosemount & Wellington Ottawa ON	E/218.9	1.20	419
144	PINC	TAGGART CONSTRUCTION LTD	ROSEMOUNT AND WELLINGTON ST., OTTAWA,ON,K1Y 1P1,CA ON	E/218.9	1.20	419
145	SPL		1190 Wellington Street Ottawa ON	S/219.0	1.20	420
145	GEN	Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	420
145	GEN	Pharma Plus Drugmarts Ltd	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	421
145	GEN	Pharma Plus Drugmarts Ltd	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	421
145	GEN	Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	421
145	GEN	Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	421
145	GEN	Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S/219.0	1.20	422
146	EHS		228 Carruthers Ave Ottawa ON K1Y 1N9	NNE/219.3	-1.80	422
146	EHS		228 Carruthers Ave Ottawa ON K1Y 1N9	NNE/219.3	-1.80	422
146	EHS		228 Carruthers Ave Ottawa ON K1Y 1N9	NNE/219.3	-1.80	423
146	EHS		228 Carruthers Ave Ottawa ON K1Y 1N9	NNE/219.3	-1.80	423

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
146	EHS		228 Carruthers Ave Ottawa ON K1Y 1N9	NNE/219.3	-1.80	423
147	SPL	PRIVATE OWNER	243 CARRUTHERS, OUTSIDE STOVE OIL TANK STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N8	NE/221.5	-1.80	423
148	INC		409 PARKDALE AVENUE, OTTAWA ON	SSE/222.8	1.20	424
149	SPL	S. 21	124 Stirling Ave Ottawa ON K1Y 1R3	ENE/223.4	-0.80	424
150	CA	OTTAWA CITY - PHINEY ST. /HOLLAND AVE.	ARMSTRONG ST./HINTON AVE. N OTTAWA CITY ON	WSW/224.2	1.20	425
151	EHS		424 Parkdale Avenue Ottawa ON K1Y 1H1	S/225.2	1.20	425
152	EHS		1194 Wellington St W Ottawa ON Ottawa ON K1Y 2Z5	S/227.1	1.20	425
153	WWIS		6 HINTON AVE. Ottawa ON Well ID: 7126433	WSW/230.2	1.20	425
154	GEN	BETTY BRITE CLEANERS	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E/230.2	0.20	428
154	GEN	BETTY BRITE CLEANERS(OUT OF BUSINESS)	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E/230.2	0.20	428
154	GEN	BETTY BRITE CLEANERS 05- 119	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E/230.2	0.20	428
154	GEN	BETTY BRITE CLEANERS (OUT OF BUSINESS)	1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E/230.2	0.20	429

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
154	GEN	BELANGER CLEANERS	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E/230.2	0.20	429
154	GEN	BELANGER CLEANERS (OUT OF BUS)	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E/230.2	0.20	429
154	GEN	BELANGER CLEANERS (OUT OF BUS) 05-284	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E/230.2	0.20	429
154	INC		1119A WELLINGTON STREET, OTTAWA ON	E/230.2	0.20	430
154	EHS		1119 Wellington Street West Ottawa ON K1Y 2Y6	E/230.2	0.20	430
155	EHS		1 Hamilton Avenue North ottawa ON K1Y 1B5	WNW/230.9	0.20	431
155	GEN	ONTARIO PETROLEUM PUMP	1 HAMILTON AVE N OTTAWA ON K1Y 1B5	WNW/230.9	0.20	431
156	GEN	CYBERMEDIX HEALTH (OUT OF BUSINESS)	44 HINTON AVE OTTAWA ON K1Y 1B3	WSW/237.1	1.20	431
157	SPL	PRIVATE RESIDENCE	RESIDENCE AT 50 PINEHURST OWNED BY MR. MCCARTHY (722-7298) FURNACE OIL TANK OTTAWA CITY ON K1Y 1K4	NNW/240.0	-0.80	431
158	EHS		1122 Wellington Street West Ottawa ON K1Y 2Y7	E/242.1	1.20	432
159	GEN	Elevation Elevator Inc.	18 Rosemount Avenue Ottawa ON K1Y 1P4	ESE/242.8	1.90	432
160	BORE		ON	SE/243.5	2.20	432
161	EHS		261A Hinchey Avenue Ottawa ON K1Y 1L9	N/246.9	-1.80	434

<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>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 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	SE	243.52	<u>160</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 18 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>
OTTAWA CITY	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	WSW	61.52	<u>6</u>
R.M. OF OTTAWA-CARLETON	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	WSW	61.52	<u>6</u>
	Grant Street and McCormick Avenue Ottawa ON	E	145.81	<u>98</u>
R.M. OF OTTAWA-CARLETON	HAMILTON ST./SPENCER ST. OTTAWA ON	W	154.16	<u>103</u>
SUNOCO INC.	390 PARKDALE AVENUE (SWM) OTTAWA CITY ON K1Y 1G6	S	158.61	<u>107</u>
R.M. OF OTTAWA-CARLETON	CARRUTHERS AVE/WELLINGTON ST. OTTAWA CITY ON	E	207.88	<u>134</u>
OTTAWA CITY	CARRUTHERS AVE./WELLINGTON ST. OTTAWA CITY ON	E	207.88	<u>134</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA CITY ON K1Y 2Z3	SE	208.11	135
SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON ST. OTTAWA CITY ON K1Y 2Z3	SE	208.11	135
SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON ST. OTTAWA CITY ON K1Y 2Z3	SE	208.11	135
The Salvation Army	1156 Wellington Street Ottawa ON	SE	208.11	135
OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	E	218.87	144
OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	E	218.87	144
OTTAWA CITY - PHINEY ST. /HOLLAND AVE.	ARMSTRONG ST./HINTON AVE. N OTTAWA CITY ON	WSW	224.23	150
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF OTTAWA-CARLETON	PINEHURST AVE./OXFORD ST. OTTAWA ON	N	67.70	13
OTTAWA CITY - PARKDALE AVE. /SPENCER ST.	OXFORD ST./HINCHEY ST. OTTAWA CITY ON	NE	120.97	67
OTTAWA CITY - PARKDALE AVENUE	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	NNW	217.03	143
OTTAWA CITY - HINCHEY STREET	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	NNW	217.03	143

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated May 31, 2021 has found that there are 14 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>
785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON	SSE	124.87	69
785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y 2Y9	SSE	124.87	69
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON K1Y 2Z5	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S	209.93	136

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON	S	209.93	136

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Aug 31, 2021 has found that there are 3 EASR 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>
HONEYWELL LIMITED/HONEYWELL LIMITEE	229 Armstrong ST Ottawa ON K1Y 2W5	WSW	91.32	37
2145675 ONTARIO INC.	20 Hamilton AV N_FR Ottawa ON K1Y 1B6	SW	195.27	128
DORAN CONTRACTORS LIMITED	ON K1Y 1E4	SSE	202.64	133

EBR - Environmental Registry

A search of the EBR database, dated 1994- Aug 31, 2021 has found that there are 1 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>
Honeywell Limited	Adjacent to 3 Hamilton Avenue, Ottawa, Ontario CITY OF OTTAWA ON	W	128.95	73

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Aug 31, 2021 has found that there are 5 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>
Honeywell Limited	3 Hamilton Ave 223 & 233 Armstrong Street Ottawa ON M2H 3N7	W	128.95	<u>73</u>
City of Ottawa	Grant Street and McCormick Avenue Ottawa ON K1V 6A6	E	145.81	<u>98</u>
The Salvation Army	1156 Wellington St Ottawa ON M4H 1P4	SE	208.11	<u>135</u>
Wellington II Inc.	1140 Wellington St W Ottawa ON K1V 8Y3	ESE	212.18	<u>137</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Patrick John Mills	284 Hinchey Ave 286 Hinchey Avenue Ottawa ON K1Y 1M2	N	192.34	<u>126</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 47 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>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>
	25 Grant Street Ottawa ON K1Y 2W8	ESE	74.69	<u>20</u>
	323 Parkdall Ave Ottawa ON	WNW	106.87	<u>61</u>
	1161-1171 Wellington Ave Ottawa ON	SE	137.31	<u>86</u>
	1161 Wellington St W Ottawa ON K1Y2Z1	SE	137.31	<u>86</u>
	312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW	143.46	<u>96</u>
	312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW	143.46	<u>96</u>
	312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW	143.46	<u>96</u>
	312 Parkdale Avenue Ottawa ON K1Y 4X9	WNW	152.56	<u>101</u>
	7 Hinton Ave N. Ottawa ON K1Y 4P1	W	158.23	<u>106</u>
	1156 Wellington Street Ottawa ON	SE	161.36	<u>108</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1145 Wellington St W Ottawa ON K1Y2Y9	ESE	164.23	111
	12 Hamilton Ave N Ottawa ON	SW	168.47	112
	16 Hamilton Avenue North Ottawa ON K1Y 1B6	SW	185.06	120
	262 Armstrong Street Ottawa ON K1Y 2W6	WSW	187.04	123
	22 Hamilton Ave N Ottawa ON K1Y 1B6	SW	189.21	124
	300 Parkdale Avenue Ottawa ON K1Y 1G2	WNW	193.72	127
	1195 Wellington St W Ottawa ON K1Y2Z6	SSW	198.60	131
	1156 Wellington Street Ottawa ON K1Y 2Z3	SE	208.11	135
	1156 Wellington St W Ottawa ON K1Y2Z3	SE	208.11	135
	1140 Wellington St Ottawa ON K1Y	ESE	212.18	137
	1188 Wellington St. W Ottawa ON K1Y 2Z5	S	212.34	138

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1188 Wellington St. W Ottawa ON K1Y 2Z5	S	212.34	138
	1188 Wellington St. W Ottawa ON K1Y 2Z5	S	212.34	138
	1188 Wellington St. W Ottawa ON K1Y 2Z5	S	212.34	138
	1188 Wellington St. W Ottawa ON K1Y 2Z5	S	212.34	138
	7 Hinton Ave N Ottawa ON K1Y4P1	WSW	214.51	140
	79 Hinton Avenue North Ottawa ON K1Y 0Z7	WSW	216.45	141
	424 Parkdale Avenue Ottawa ON K1Y 1H1	S	225.20	151
	1194 Wellington St W Ottawa ON Ottawa ON K1Y 2Z5	S	227.11	152
	1119 Wellington Street West Ottawa ON K1Y 2Y6	E	230.22	154
	1 Hamilton Avenue North ottawa ON K1Y 1B5	WNW	230.91	155
	1122 Wellington Street West Ottawa ON K1Y 2Y7	E	242.05	158

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------------------------	-----------------------	-------------------------	----------------------------	-----------------------

177 Armstrong Ottawa ON	ENE	139.90	91
177 & 179 Armstrong Avenue Ottawa ON K1Y 2W2	ENE	139.95	92
258 Carruthers Ave Ottawa ON K1Y1N9	ENE	164.11	110
238 Carruthers Avenue Ottawa ON K1Y 1N9	NE	191.07	125
228 Carruthers Ave Ottawa ON K1Y 1N9	NNE	219.33	146
228 Carruthers Ave Ottawa ON K1Y 1N9	NNE	219.33	146
228 Carruthers Ave Ottawa ON K1Y 1N9	NNE	219.33	146
228 Carruthers Ave Ottawa ON K1Y 1N9	NNE	219.33	146
228 Carruthers Ave Ottawa ON K1Y 1N9	NNE	219.33	146
261A Hinchey Avenue Ottawa ON K1Y 1L9	N	246.93	161

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 12 FST 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>
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA 390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA 390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
	390 PARKDALE AVE OTTAWA ON K1Y 1G6	S	158.61	107
6205429 CANADA INC	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
SUNCOR ENERGY PRODUCTS PARTNERSHIP	390 PARKDALE AVE OTTAWA K1Y 1G6 ON CA ON	S	158.61	107
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA K1Y 2Z5 ON CA ON	S	209.93	136

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 1 FSTH 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>
1496030 ONTARIO INC	390 PARKDALE AV OTTAWA ON K1Y 1G6	S	158.61	<u>107</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 84 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>
Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	S	100.86	<u>52</u>
GEM Health Care Services (2011) Inc.	383 Parkdale Avenue, Suite 304 Ottawa ON K1Y 4R4	S	100.86	<u>52</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	104.68	<u>58</u>
OTTAWA UPHOLSTERY	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	E	124.42	<u>68</u>
OTTAWA UPHOLSTERY INC	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	E	124.42	<u>68</u>
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION P.O. BOX 3160,STATION "C" 3 HAMILTON AV OTTAWA ON K1Y 4J4	W	128.95	<u>73</u>
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
HONEYWELL LIMITED 35-071	SPERRY AEROSPACE DIVISION P.O. BOX 3160,STATION "C" 3 HAMILTON AV OTTAWA ON K1Y 4J4	W	128.95	<u>73</u>
SPERRY INC	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
SPERRY SEE&USE ON0144004	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
SPERRY SEE&USE ON0144004 35-071	AEROSPACE & MARINE GROUP 3 HAMILTON AVE. N., P.O. BOX 390 OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
SPERRY (SEE&USE ON0144004)	AEROSPACE & MARINE GROUP 3 HAMILTON AVENUE NORTH OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	<u>73</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 4J4	W	128.95	73
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	73
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	73
HONEYWELL LIMITED	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	73
HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	73
HONEYWELL LIMITED Aerospace Electronic Systems	SPERRY AEROSPACE DIVISION 3 HAMILTON AVENUE OTTAWA ON K1Y 1B4	W	128.95	73
GRAPHIC DISPLAY CANADA	DIVISION OF M.O.M. PRINTING LTD. 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW	137.34	87
GRAPHIC DISPLAY CANADA 18- 125	DIVISION OF M.O.M. PRINTING LTD. 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW	137.34	87
GRAPHIC DISPLAY CANADA	M.O.M. PRINTING LIMITED, A DIVISION OF 45 SPENCER STREET OTTAWA ON K1Y 2P5	WNW	137.34	87
Metcalf Realty Company Limited	7 Hinton Avenue Ottawa ON	W	158.23	106
METCALFE REALTY LIMITED	7 HINTIN AVE., NORTH OTTAWA ON	W	158.23	106

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Metcalfe Realty Company Limited	7 Hinton Avenue Ottawa ON	W	158.23	106
Metcalfe Realty Company Limited	7 Hinton Avenue Ottawa ON	W	158.23	106
CAA NORTH & EAST ONTARIO	16 HAMILTON AVENUE OTTAWA ON	SW	180.87	116
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	183.41	118
Doran Contractors Limited	1166 Wellington Stree West Ottawa ON K1V 8Y3	SSE	185.08	121
M.O.M. PRINTING	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW	193.72	127
M.O.M. PRINTING	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW	193.72	127
M.O.M. PRINTING 25-205	300 PARKDALE AVENUE OTTAWA ON K1Y 1G2	WNW	193.72	127
M.O.M. PRINTING	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Crop.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Crop.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Crop.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave. Ottawa ON K1Y 1G2	WNW	193.72	127
MARQUARDT PRINTING	1195 WELLINGTON STREET OTTAWA ON K1Y 2Z6	SSW	198.60	131
SALVATION ARMY GRACE GENERAL HOSP.	1156 WELLINGTON STREET, OTTAWA, ON K1Y 2Z3	SE	208.11	135
SALVATION ARMY GRACE GENERAL HOSP.	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135
SALVATION ARMY GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z4	SE	208.11	135

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
The Salvation Army Ottawa Grace Manor	1156 Wellington Street Ottawa ON K1Y2Z3	SE	208.11	135
VIC'S HARDROCK CYCLE	1203 WELLINGTON STREET OTTAWA ON K1Y 2Z8	SSW	213.93	139
Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145
Pharma Plus Drugmarts Ltd	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Pharma Plus Drugmarts Ltd	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145
Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145
Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145
Rexall Pharmacy Group Ltd.	1190 Wellington Street Ottawa ON K1Y 2Z5	S	218.99	145
BETTY BRITE CLEANERS	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E	230.22	154
BETTY BRITE CLEANERS(OUT OF BUSINESS)	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E	230.22	154
BETTY BRITE CLEANERS 05-119	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	E	230.22	154
BETTY BRITE CLEANERS (OUT OF BUSINESS)	1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E	230.22	154
BELANGER CLEANERS	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E	230.22	154
BELANGER CLEANERS (OUT OF BUS)	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E	230.22	154
BELANGER CLEANERS (OUT OF BUS) 05-284	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	E	230.22	154

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ONTARIO PETROLEUM PUMP	1 HAMILTON AVE N OTTAWA ON K1Y 1B5	WNW	230.91	155
CYBERMEDIX HEALTH (OUT OF BUSINESS)	44 HINTON AVE OTTAWA ON K1Y 1B3	WSW	237.08	156
Elevation Elevator Inc.	18 Rosemount Avenue Ottawa ON K1Y 1P4	ESE	242.78	159

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OLIVER, MANGIONE, MCCALLA & ASSOC.	LTD. 154 COLONNADE RD. SOUTH NEPEAN ON K2E 7J5	NE	100.36	51
OLIVER, MANGIONE, MCCALLA AND	ASSOCIATES LIMITED 154 COLONNADE ROAD SOUTH NEPEAN ON K2E 7J5	NE	100.36	51
OLIVER, MANGIONE, MCCALLA & ASSOC.29-465	LTD. 154 COLONNADE RD. SOUTH NEPEAN ON K2E 7J5	NE	100.36	51
OLIVER, MANGIONE, MCCALLA AND	154 COLONNADE ROAD SOUTH NEPEAN ON K2E 7J5	NE	100.36	51

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1140 WELLINGTON STREET OTTAWA ON	ESE	212.18	137

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated May 31, 2021 has found that there are 4 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>
	320 PARKDALE AVE, OTTAWA ON	WNW	116.99	66
	1140 WELLINGTON STREET, OTTAWA ON	ESE	212.18	137
	409 PARKDALE AVENUE, OTTAWA ON	SSE	222.84	148
	1119A WELLINGTON STREET, OTTAWA ON	E	230.22	154

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>
SALVATION ARMY GRACE HOSPITAL	BUILDING ENGINEER; 1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135

OPCB - Inventory of PCB Storage Sites

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 4 OPCB 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>
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135
GRACE GENERAL HOSPITAL	1156 WELLINGTON STREET OTTAWA ON K1Y 2Z3	SE	208.11	135

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Aug 31, 2021 has found that there are 1 PES 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>
HOLISTECH PEST CONTROL INC.	5 GRANT ST.; APT. #2 OTTAWA ON K1Y 2W8	E	114.49	65

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 7 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>
PIPELINE HIT 1.25"	228 ARMSTRONG ST.,OTTAWA,ON, K1Y 4T1,CA ON	WSW	86.26	31
ENBRIDGE GAS INC	22 HAMILTON AVE N,,OTTAWA,ON, K1Y 1B6,CA ON	SW	201.35	132
PIPELINE HIT 2"	1140 WELLINGTON ST,,OTTAWA,ON, K1Y 2Z3,CA ON	ESE	212.18	137
TAGGART CONSTRUCTION LTD	ROSEMOUNT AND WELLINGTON ST,,OTTAWA,ON,K1Y 1P1,CA ON	E	218.87	144

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
------------------------	----------------	------------------	---------------------	----------------

FAIT CONSTRUCTION	276 CARRUTHERS AVE,,OTTAWA, ON,K1Y 1N9,CA ON	ENE	161.44	109
TSSA INCIDENTS	305 HINCHEY AVE,,OTTAWA,ON,K1Y 1L7,CA ON	NNE	174.00	114
ENBRIDGE GAS INC	301 HINCHEY AVE,,OTTAWA,ON,K1Y 1M1,CA ON	NNE	181.38	117

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 5 PRT 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>
785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y2Y9	SSE	124.87	69
785730 ONTARIO INC	1175 WELLINGTON ST OTTAWA ON K1Y 2Y9	SSE	124.87	69
PARKDALE SUNOCO	390 PARKDALE AV OTTAWA ON K1Y1G6	S	158.61	107
	1186 WELLINGTON ST. OTTAWA ON	S	209.93	136
PARKDALE ESSO RON ASPECK & SON LTD	1186 WELLINGTON ST OTTAWA ON K1Y2Z5	S	209.93	136

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994- Aug 31, 2021 has found that there are 1 PTTW 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>
Honeywell Limited	3 Hamilton Ave, 223 & 233 Armstrong Street CITY OF OTTAWA ON	W	128.95	73

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------------------------	----------------	------------------	---------------------	----------------

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Aug 2021 has found that there are 1 RSC 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>
TAMARACK (WESTBORO) CORPORATION	1140 WELLINGTON STREET WEST, OTTAWA, ON K1Y 2Z3 Ottawa ON	ESE	212.18	137

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Dec 31, 2020 has found that there are 3 RST 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>
PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y1G6	S	158.61	107
PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y 1G6	S	158.61	107
PARKDALE SUNOCO FUNFOOD	390 PARKDALE AVE OTTAWA ON K1Y1G6	S	158.61	107

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 18 SCT 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>
Myropen Publications Ltd.	383 Parkdale Ave Suite 402 Ottawa ON K1Y 4R4	S	100.86	52
GEM Software Scheduling	383 Parkdale Av Suite 304 Ottawa ON K1Y 4R4	S	100.86	52

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ADD ELECTRONICS INC.	233 Armstrong St Ottawa ON K1Y 2W5	WSW	109.99	<u>62</u>
Merge Business Solutions	1165 Wellington St W Ottawa ON K1Y 2Y9	SE	113.83	<u>64</u>
Canadian Criminal Justice Assn	320 Parkdale Ave Suite 101 Ottawa ON K1Y 4X9	WNW	137.34	<u>87</u>
Graphic Display Canada - A St-Joseph Corporation Company	45 Spencer St Ottawa ON K1Y 2P5	WNW	137.34	<u>87</u>
GRAPHIC DISPLAY CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW	137.34	<u>87</u>
THE ENVELOPE HOUSE	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW	137.34	<u>87</u>
FUJI GRAPHIC SYSTEMS CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW	137.34	<u>87</u>
GRAPHIC DISPLAY CANADA	45 SPENCER ST OTTAWA ON K1Y 2P5	WNW	137.34	<u>87</u>
Artech Studios	6 Hamilton Ave N Suite 250 Ottawa ON K1Y 4R1	W	158.23	<u>106</u>
Canadian Arctic Resources Committee Inc.	7 Hinton Ave N Suite 200 Ottawa ON K1Y 4P1	W	158.23	<u>106</u>
CANADIAN ARCTIC RESOURCES COMM	7 Hinton Ave N Suite 200 Ottawa ON K1Y 4P1	W	158.23	<u>106</u>
VOGUE BRASSIERE INC.	7 HINTON AVE N OTTAWA ON K1Y 4P1	W	158.23	<u>106</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
M O M PRINTING	300 PARKDALE AVE OTTAWA ON K1Y 1G2	WNW	193.72	127
ST-JOSEPH M.O.M. PRINTING	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW	193.72	127
Scintrex Trace Corp.	300 Parkdale Ave Ottawa ON K1Y 1G2	WNW	193.72	127

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENTRO BUILDING SYSTEMS INC.	286 HINCHEY AVE OTTAWA ON K1Y 1M2	N	196.65	129

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 23 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.	infront of 228 Armstrong St Ottawa ON	WSW	86.26	31
UNKNOWN	OFFICE BLDG AT 383 PARKDALE AVE IN THE SUMP PUMP HOLES IN PARKING GARAGE OTTAWA CITY ON K1Y 4R4	S	100.86	52
PRIVATE OWNER	395 PARKDALE TRANSPORT TRUCK (CARGO) OTTAWA ON K1Y 4V4	S	125.06	70
	1 Grant Street Ottawa ON K1Y 2W8	E	134.38	79
	1161 Wellington St. W Ottawa ON	SE	137.31	86

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	320 Parkdale Ave Ottawa ON	WNW	137.34	87
OTTAWA HYDRO	4 HAMILTON ST. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	W	158.23	106
Suncor Energy Products Inc.	390 Parkdale Ave SUNCOR SERVICE STATION<UNOFFICIAL> Ottawa ON K1Y 1G6	S	158.61	107
	@ McCormick St. Ottawa ON K1Y 2Y9	ESE	164.23	111
	Parkdale Ave. & Wellington St. Ottawa ON	S	172.40	113
	1166 Wellington Street W Ottawa ON	SSE	185.08	121
Waste Connections of Canada Inc. as general partner for and on behalf of Ridge	(Chatham) Holdings L.P. 300 Parkdale Ave Ottawa ON	WNW	193.72	127
IMPERIAL OIL	IMPERIAL OIL GAS STATION 1186 WELLINGTON AT PARKDALE ESSO SERVICE STATION OTTAWA CITY ON K1Y 2Z5	S	209.93	136
ESSO PETROLEUM CANADA	ESSO STATION AT 1186 WELLINGTON AT PARKDALE SERVICE STATION OTTAWA CITY ON K1Y 2Z5	S	209.93	136
Enbridge Gas Distribution Inc.	Rosemount & Wellington Ottawa ON	E	218.87	144
	1190 Wellington Street Ottawa ON	S	218.99	145

<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
City of Ottawa	329 Hinchey St Ottawa ON	NE	135.51	82
PRIVATE RESIDENCE	20 PINEHURST AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 1K3	NNW	148.93	99
	276 Carruthers Ave Ottawa ON	ENE	161.44	109
Enbridge Gas Distribution Inc.	305 Hinchey Ave. Ottawa ON	NNE	174.00	114
PRIVATE OWNER	243 CARRUTHERS, OUTSIDE STOVE OIL TANK STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N8	NE	221.46	147
S. 21	124 Stirling Ave Ottawa ON K1Y 1R3	ENE	223.37	149
PRIVATE RESIDENCE	RESIDENCE AT 50 PINEHURST OWNED BY MR. MCCARTHY (722- 7298) FURNACE OIL TANK OTTAWA CITY ON K1Y 1K4	NNW	240.03	157

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 88 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>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041979	W	51.34	1
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343188	SW	51.87	2

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343165	W	55.27	<u>3</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343189	WSW	56.79	<u>4</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343190	W	58.56	<u>5</u>
	Parkdale Ottawa ON <i>Well ID:</i> 7343163	W	62.46	<u>7</u>
	PARKDALE AVE Ottawa ON <i>Well ID:</i> 7343192	WSW	62.62	<u>8</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343166	W	63.82	<u>9</u>
	parkdale Ave Ottawa ON <i>Well ID:</i> 7343164	W	64.55	<u>10</u>
	231 ARMSTRONG Ottawa ON <i>Well ID:</i> 7276809	WSW	64.86	<u>11</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343172	SW	65.85	<u>12</u>
	Parkdale Ave Ottawa ON <i>Well ID:</i> 7343182	SW	68.64	<u>14</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7042084	W	71.06	<u>15</u>
	3 HAMILTON AVE. NORTH ON	WSW	71.27	<u>16</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7107670			
	3 HAMILTON AVE NORTH ON	WSW	72.40	17
	<i>Well ID:</i> 7041981			
	Parkdale Ave Ottawa ON	SSW	72.65	18
	<i>Well ID:</i> 7343171			
	PARKDALE AVE Ottawa ON	WSW	74.13	19
	<i>Well ID:</i> 7343193			
	Parkdale Ottawa ON	WSW	75.34	21
	<i>Well ID:</i> 7343180			
	366 Parkdale Ave Ottawa ON	WSW	78.91	23
	<i>Well ID:</i> 7343169			
	3 HAMILTON AVE NORTH ON	W	80.68	24
	<i>Well ID:</i> 7041980			
	3 HAMILTON AVE NORTH ON	W	80.82	25
	<i>Well ID:</i> 7041978			
	Parkdale Ottawa ON	SW	81.56	26
	<i>Well ID:</i> 7343179			
	366 Parkdale Ave Ottawa ON	SW	82.29	27
	<i>Well ID:</i> 7343170			
	223 Armstrong St Ottawa ON	WSW	82.67	28
	<i>Well ID:</i> 7343181			
	Parkdale Ottawa ON	WSW	83.38	29
	<i>Well ID:</i> 7343162			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	PARKDALE Ave Ottawa ON <i>Well ID: 7343197</i>	SW	85.34	<u>30</u>
	Armstrong St. Ottawa ON <i>Well ID: 7343191</i>	WSW	87.20	<u>32</u>
	366 Parkdale Ave Ottawa ON <i>Well ID: 7343168</i>	SW	90.02	<u>33</u>
	PARKDALE Ave Ottawa ON <i>Well ID: 7343196</i>	WSW	90.13	<u>34</u>
	Ottawa ON <i>Well ID: 7343186</i>	WSW	90.31	<u>35</u>
	2323 RIVERSIDE DR Ottawa ON <i>Well ID: 7275421</i>	W	90.73	<u>36</u>
	366 ARMSTRONG ST Ottawa ON <i>Well ID: 7276808</i>	W	91.68	<u>38</u>
	2323 RIVERSIDE RD Ottawa ON <i>Well ID: 7275422</i>	W	91.68	<u>38</u>
	PARKDALE Ottawa ON <i>Well ID: 7343194</i>	SW	92.18	<u>39</u>
	3 HAMILTON AVE NORTH ON <i>Well ID: 7041975</i>	WNW	92.33	<u>40</u>
	PARKDALE Ave Ottawa ON <i>Well ID: 7343195</i>	SW	93.58	<u>41</u>
	Parkdale + Hamilton St. Ottawa ON	WSW	94.99	<u>42</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7343184			
	Ottawa ON	WSW	95.09	43
	<i>Well ID:</i> 7343187			
	340 PARKDALE AVE Ottawa ON	W	95.25	44
	<i>Well ID:</i> 7342139			
	PARKDALE Ave Ottawa ON	SW	96.23	45
	<i>Well ID:</i> 7343199			
	229 Armstrong St Ottawa ON	W	97.47	46
	<i>Well ID:</i> 7343178			
	229 Armstrong St Ottawa ON	WSW	98.10	47
	<i>Well ID:</i> 7343177			
	3 Hamilton Ave Ottawa ON	WSW	99.23	48
	<i>Well ID:</i> 7343183			
	Parkdale Ave Ottawa ON	SW	99.38	49
	<i>Well ID:</i> 7343167			
	3 Hamilton Ave Ottawa ON	W	99.91	50
	<i>Well ID:</i> 7343185			
	3 HAMILTON AVE NORTH ON	W	101.70	53
	<i>Well ID:</i> 7041973			
	Armstrong St Ottawa ON	WSW	101.89	54
	<i>Well ID:</i> 7343200			
	1161 WELLINGTON ST OTTAWA ON	ESE	102.19	55
	<i>Well ID:</i> 7044709			

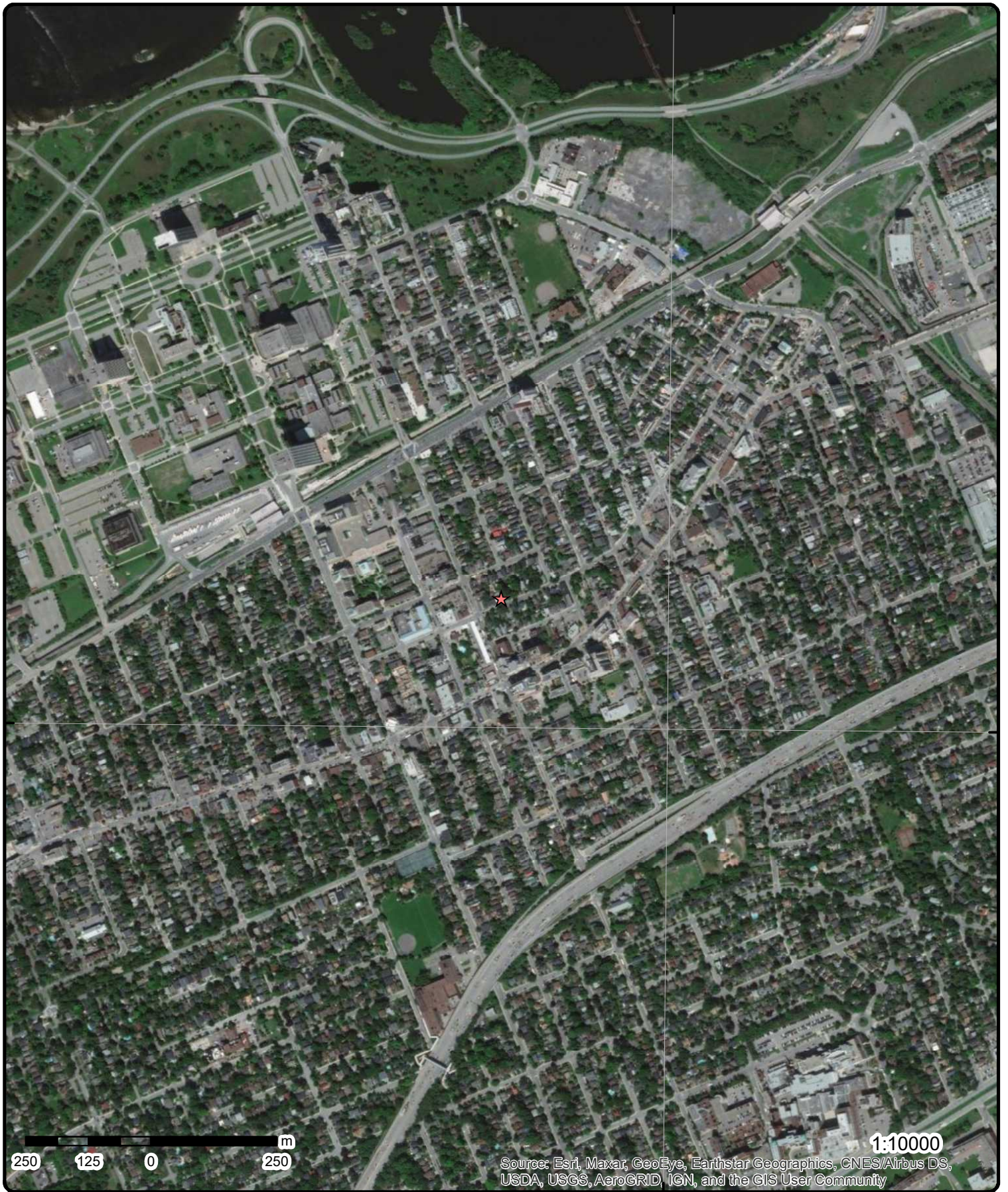
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	340 PARKDALE AVE Ottawa ON <i>Well ID:</i> 7342140	W	102.59	<u>56</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041974	W	103.12	<u>57</u>
	233 ARMSTRONG Ottawa ON <i>Well ID:</i> 7220783	W	105.59	<u>59</u>
	PARKDALE Ave Ottawa ON <i>Well ID:</i> 7343198	WSW	105.92	<u>60</u>
	ON <i>Well ID:</i> 7203872	SW	110.09	<u>63</u>
	ON <i>Well ID:</i> 7200459	WSW	126.81	<u>71</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041972	W	127.96	<u>72</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041971	W	130.09	<u>74</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041970	W	130.71	<u>75</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041969	W	131.62	<u>76</u>
	3 HAMILTON AVE NORTH ON <i>Well ID:</i> 7041967	W	133.83	<u>78</u>
	3 HAMILTON AVE NORTH ON	WSW	134.51	<u>80</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7041961			
	3 HAMILTON AVE NORTH ON	W	134.66	<u>81</u>
	<i>Well ID:</i> 7041968			
	3 HAMILTON AVE NORTH ON	W	136.05	<u>83</u>
	<i>Well ID:</i> 7041962			
	3 HAMILTON AVE NORTH ON	WSW	136.34	<u>84</u>
	<i>Well ID:</i> 7041960			
	3 HAMILTON AVE NORTH ON	W	136.44	<u>85</u>
	<i>Well ID:</i> 7041963			
	3 HAMILTON AVE NORTH ON	W	138.42	<u>88</u>
	<i>Well ID:</i> 7041964			
	3 HAMILTON AVE NORTH ON	W	138.52	<u>89</u>
	<i>Well ID:</i> 7041966			
	3 HAMILTON AVE NORTH ON	W	139.31	<u>90</u>
	<i>Well ID:</i> 7041976			
	3 HAMILTON AVE NORTH ON	W	140.93	<u>94</u>
	<i>Well ID:</i> 7041965			
	366 PARKDALE AVE. Ottawa ON	SSW	141.67	<u>95</u>
	<i>Well ID:</i> 7133809			
	1145 WELLINGOTN ST. OTTAWA ON	ESE	144.69	<u>97</u>
	<i>Well ID:</i> 7296560			
	1145 WELLINGTON ST. OTTAWA ON	E	150.47	<u>100</u>
	<i>Well ID:</i> 7296559			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	366 PARKDALE AVE. Ottawa ON <i>Well ID:</i> 7133808	SSW	153.42	102
	7 HINTON AVE Ottawa ON <i>Well ID:</i> 7166778	WSW	155.48	104
	7 HINTON AVE Ottawa ON <i>Well ID:</i> 7166779	W	158.21	105
	7 HINTON AVE OTTAWA ON <i>Well ID:</i> 7192836	WSW	177.21	115
	7 HINTON AVE. Ottawa ON <i>Well ID:</i> 7119461	W	184.48	119
	1156 WELLINGTON STREET WEST Ottawa ON <i>Well ID:</i> 7203873	SSE	185.08	121
	1166 WELLINGTON ST Ottawa ON <i>Well ID:</i> 7315271	SSE	185.08	121
	22 HAMILTON AVE Ottawa ON <i>Well ID:</i> 7180987	SW	186.04	122
	ON <i>Well ID:</i> 7122598	WNW	198.16	130
	1195 WELLINGTON ST W Ottawa ON <i>Well ID:</i> 7232120	SSW	198.60	131
	1195 WELLINGTON ST W Ottawa ON <i>Well ID:</i> 7232121	SSW	198.60	131
	1195 WELLINGTON ST W Ottawa ON	SSW	198.60	131

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7232122			
	1140 WELLINGTON STREET WEST ON	E	216.56	142
	<i>Well ID:</i> 7220780			
	6 HINTON AVE. Ottawa ON	WSW	230.19	153
	<i>Well ID:</i> 7126433			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3 HAMILTON AVE NORTH ON	WNW	76.88	22
	<i>Well ID:</i> 7041977			
	177 ARMSTRONG ST. OTTAWA ON	ENE	132.89	77
	<i>Well ID:</i> 7198934			
	177 ARMSTRONG ST. OTTAWA ON	ENE	140.13	93
	<i>Well ID:</i> 7198935			



250 125 0 250 m

1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial Year: 2020

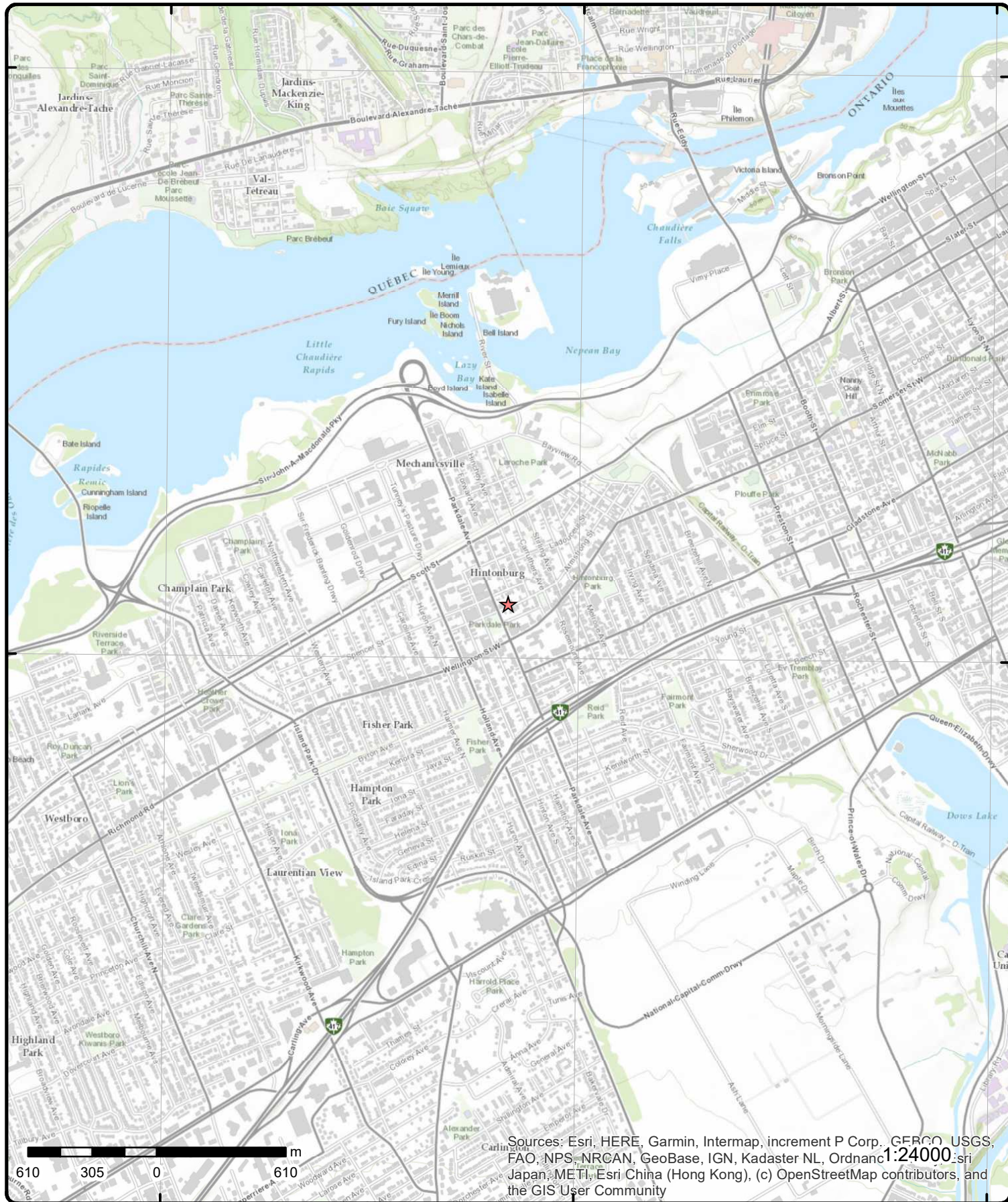
Order Number: 21102700713

Address: 211 Armstrong Street, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: 211 Armstrong Street, ON

Source: ESRI World Topographic Map

Order Number: 21102700713



© ERIS Information Limited Partnership

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Dec 31, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Aug 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jul 2021

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994- Aug 31, 2021

Drill Hole Database:

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Aug 31, 2021

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994- Aug 31, 2021

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011- Aug 31, 2021

Environmental Effects Monitoring:

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

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

List of Expired Fuels Safety Facilities:

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2020

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Aug 2021

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing 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: May 31, 2021

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-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-Feb 28, 2021

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jan 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 all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Aug 31, 2021

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

<u>Pesticide Register:</u>	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- Aug 31, 2021		
<u>Pipeline Incidents:</u>	Provincial	PINC
List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.		
Government Publication Date: May 31, 2021		
<u>Private and Retail Fuel Storage Tanks:</u>	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*		
<u>Permit to Take Water:</u>	Provincial	PTTW
This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.		
Government Publication Date: 1994- Aug 31, 2021		
<u>Ontario Regulation 347 Waste Receivers Summary:</u>	Provincial	REC
Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.		
Government Publication Date: 1986-1990, 1992-2018		
<u>Record of Site Condition:</u>	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-Aug 2021		
<u>Retail Fuel Storage Tanks:</u>	Private	RST
This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.		
Government Publication Date: 1999-Dec 31, 2020		
<u>Scott's Manufacturing Directory:</u>	Private	SCD
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*		
<u>Ontario Spills:</u>	Provincial	SPL
List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.		
Government Publication Date: 1988-Aug 2020		

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks:

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011- Aug 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 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: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT F

SITE PHOTOGRAPHS



Front of dwelling facing north



View of driveway and rear yard space



View of rear yard space facing east



View of dwelling and neighbouring dwelling located south of site



View of furnace with basement crawl space.



View of natural gas meter servicing site.



View of neighbourhood facing east



View of neighbourhood facing west



ATTACHMENT G

MECP CORRESPONDENCE



Kollaard Associates

Engineers

210 Prescott Street

P.O. Box 189

Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology

(613) 860-0923

FAX: (613) 258-0475

December 10, 2021

211169

Ministry of the Environment, Conservation and Parks
2430 Don Reid Drive
Ottawa, Ontario
K1H 1E1

Attention: Abatement Officer

Re: 211 ARMSTRONG STREET
CITY OF OTTAWA, ONTARIO

Dear Sirs/Madam:

We have been retained by Lion Trade Ltd. to carry out a Phase I ESA for the above noted site. Accordingly, we would be pleased if you would provide us with information concerning any historical or existing incidents at or in the vicinity of the above site on file with the Ministry of the Environment, Conservation and Parks.

Sincerely,
KOLLAARD ASSOCIATES, INC.

Dean Tataryn, B.E.S., EP.



Professional Engineers
Ontario

Authorized by the Association of Professional Engineers
of Ontario to offer professional engineering services.



Lion Trade Ltd.
March 25, 2022

Phase I Environmental Site Assessment
211 Armstrong Street
Ottawa, Ontario
211169

ATTACHMENT H

PROPERTY INFORMATION

City of Ottawa

Property Information

Source: https://maps.ottawa.ca/geoOttawa

Date/Time Generated: 2021-10-28, 11:12:19 a.m.

Property Parcel:

Calculated Parcel Area^[1]: 461.78 m² (4970.55 ft²) (0.05 ha)

Main Address:

211 ARMSTRONG ST

Solid Waste Collection:

Waste Contractor: City

Zone: 3

Pickup Day/Calendar: THURSDAY/A

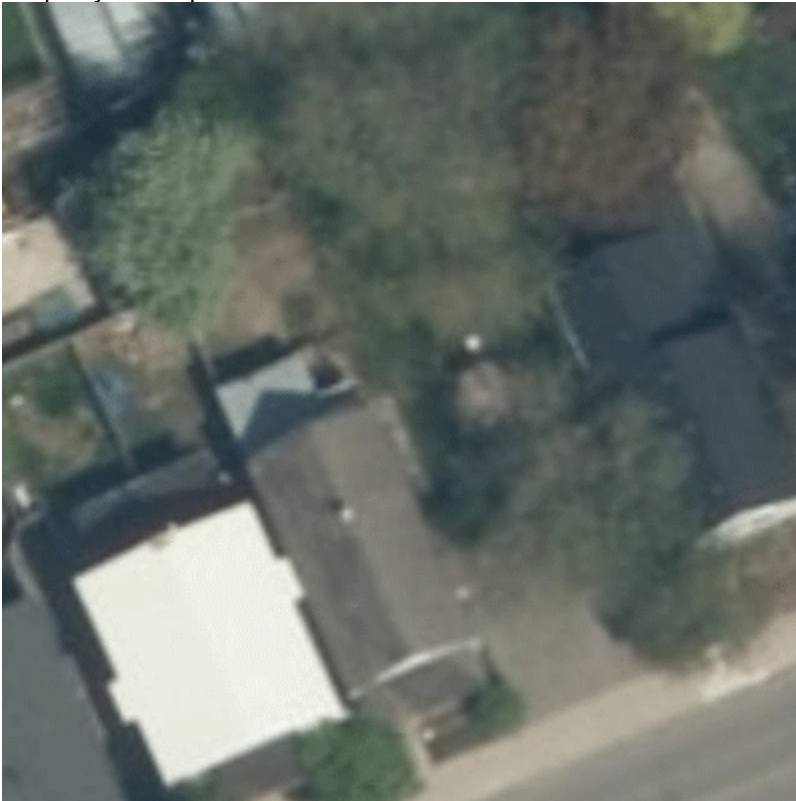
Ward Information

Number: 15

Ward Name: Kitchissippi

Councillor Name: Jeff Leiper

Property aerial photo



^[1]The property parcel area value shown is based on the parcel selected to generate the report.

R4 - Residential Fourth Density Zone (Sections 161 and 162)

Purpose of the Zone

The purpose of the R4 - Residential Fourth Density Zone is to:

1. allow a wide mix of residential building forms ranging from detached to low rise apartment dwellings, in some cases limited to four units, and in no case more than four storeys, in areas designated as **General Urban Area** in the Official Plan;
2. allow a number of other residential uses to provide additional housing choices within the fourth density residential areas;
3. permit ancillary uses to the principal residential use to allow residents to work at home;
4. regulate development in a manner that is compatible with existing land use patterns so that the mixed building form, residential character of a neighbourhood is maintained or enhanced; and
5. permit different development standards, identified in the Z subzone, primarily for areas designated as **Developing Communities**, which promote efficient land use and compact form while showcasing newer design approaches.

Section 161

In the R4 Zone:

Permitted Uses

1. The following uses are permitted uses subject to:
 1. the provisions of subsection 161 (2) to (15);
 2. a maximum of three guest bedrooms in a bed and breakfast; and
 3. a maximum of ten residents permitted in a group home.
 - apartment dwelling, low rise
 - bed and breakfast, see Part 5, Section 121
 - detached dwelling
 - diplomatic mission, see Part 3, Section 88
 - duplex dwelling, see Part 5, Section 138 (By-law 2010-307)
 - group home, see Part 5, Section 125
 - home-based business, see Part 5, Section 127
 - home-based daycare, see Part 5, Section 129
 - linked-detached dwelling, see Part 5, Section 138 (By-law 2010-307)
 - park
 - planned unit development, see Part 5, Section 131
 - retirement home, converted see Part 5, Section 122
 - retirement home
 - rooming house,
 - secondary dwelling unit, see Part 5, Section 133
 - semi-detached dwelling, see Part 5, Section 138 (By-law 2010-307)
 - stacked dwelling, see Part 5, Section 138 (By-law 2010-307)
 - three-unit dwelling
 - townhouse dwelling, see Part 5, Section 138 (By-law 2012-334) (By-law 2010-307) (By-law 2014-189)
 - urban agriculture, see Part 3, Section 82 (By-law 2017-148) (By-law 2018-206)
4. in the case of a rooming house in the R4A-R4L, R4-UA and R4-UB zones,
 1. a maximum of seven rooming units is permitted; and
 2. no secondary dwelling unit is permitted. (By-law 2018-206) (By-law 2021-111)

Zone Provisions

2. The zone provisions are set out in Table 162A and 162B.
3. Where a planned unit development is permitted on a lot in the subzone, the provisions of Section 131 apply, and the associated subzone provisions identified in Table 162 A affecting permission of uses, minimum lot widths and lot areas, as well as minimum required setbacks apply to the whole of the lot, while the maximum height applies to each permitted dwelling type within the planned unit development.
4. A diplomatic mission and group home that is not a prohibited use listed in Column II of Table 162A, is subject to the subzone provisions for a detached dwelling if included in Column III, otherwise it will be subject to the subzone provisions for an apartment dwelling, low rise.
5. A retirement home and rooming house that is not a prohibited use listed in Column II of Table 162A, is subject to the subzone provisions for an apartment dwelling, low rise.
6. A park is not subject to the provisions of Table 162A, however any development will be subject to the subzone provisions for an apartment dwelling, low rise. (By-law 2016-131)
7. Conversions that alter an existing residential use building to create another listed permitted use in the zone are subject to the provisions of Section 122 – Conversions. (By-law 2013-108) (By-law 2009-184) (By-law 2014-189)
8. Except for a lot of less than 450 square metres in area in the R4-UA, R4 UB, R4-UC and R4-UD zones, thirty percent of the lot area must be provided as landscaped area for a lot containing an apartment dwelling, low rise, stacked dwelling, or retirement home, or a planned unit development that contains any one or more of these dwelling types. (By-law 2020-290)
9. The maximum height of any permitted use may not exceed that which is specified in Column VI of Table 162A, and in no case, may be greater than a maximum four storeys.
10. Minimum lot width, lot area and parking requirements for linked-detached dwelling, semi-detached dwelling and townhouse dwelling shall apply to each portion of a lot on which each individual dwelling unit is located, whether or not that parcel is to be severed. (By-law 2012-334)

Alternative Setbacks for Urban Areas (OMB Order File N^o: PL150797, issued July 25, 2016 - By-law 2015-228)

11. For regulations affecting yard setbacks applicable to urban residential lots located within Schedule 342, see Part V, Section 144 – Alternative Yard Setbacks affecting R1-R4-zoned Residential Lots within the Greenbelt. (By-law 2020-289)
12.
 1. Minimum lot area for long semi-detached dwelling applies to the whole of the dwelling and not to each dwelling unit.
 2. Minimum lot width for a long semi-detached dwelling applies to the whole of the dwelling, unless the dwelling units are severed in a flag lot configuration. See Part V, Section 145 – Long Semi-detached Dwellings for other regulations. (By-law 2020-289)

Other Zone Provisions (OMB Order File N^o: PL150797, issued July 25, 2016 - By-law 2015-228)

13. For other applicable provisions, see Part 2 – General Provisions, Part 3 – Specific Use Provisions, Part 4 – Parking, Queuing and Loading Provisions and Part 5 Residential Provisions.