



February 2017

REPORT ON

Phase One Environmental Site Assessment 258 Carruthers Avenue Ottawa, Ontario

Submitted to:
258-262 Carruthers APTS Ltd.
5689 Power Road
Ottawa, Ontario
K1G 3N4

REPORT



Report Number: 1671453-1000 Rev.0

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Executive Summary

The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.

Golder Associates Ltd. (Golder) was retained by 258-262 Carruthers APTS Ltd. (“Carruthers”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the property located at 258 Carruthers Avenue in Ottawa, Ontario (herein after referred to as the “Site” or “Phase One Property”) as shown on Figures 1 and 2. At the time of the Site reconnaissance, which was conducted on January 11, 2017, the Site consisted of a 540 m² (0.05 hectare) parcel of residential land occupied by a two-storey residential building, a single storey residential building, a paved driveway and a snow covered front yard.

It is understood that the Phase One Property is to be redeveloped with a four-storey residential building with one basement level.

The Phase One ESA was completed in general accordance with Ontario Regulation (O. Reg. 153/04), as amended, and included a review of available current and historical information regarding the Site and surrounding properties, a Site reconnaissance, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 9.0 of this report. Given that the Site is currently developed as a residential property and has not been used as an automotive garage, a bulk liquid dispensing facility or a dry cleaning facility, the Site is not considered an enhanced investigation property as defined by O. Reg. 153/04. There is no change in land use proposed; therefore the Phase One ESA has not been completed to support a Record of Site Condition.

Based on the information obtained as part of this Phase One ESA, none of the identified potentially contaminating activities (PCAs) were considered to represent an area of potential environmental concern (APEC) for the Site and a Phase Two ESA is not recommended to be carried out at the Site at this time. However, the following building-related issues of potential environmental concern were identified:

- Based on the age of the on-Site buildings (1948 to 1956), potential ACMs such as floor tiles, dry wall compounds, stucco ceilings, plaster and window caulking may be present in the on-Site buildings; and,
- Based on the age of the on-Site buildings (1948 to 1956), there is a potential for lead- containing materials, such as paints, to be present in the buildings.

Prior to renovations or demolition of the building, ACMs must be removed in accordance with Ontario Regulation 278/05: Designated Substance - Asbestos on Construction Projects and in Buildings and Repair Operations. Other designated substances must be removed or managed in accordance within the OH&S Act.

At the time of preparation of this report, a response to Golder’s request for information had not been received from the Ministry of Natural Resources and Forestry. In addition, Golder was unable to access the smaller residential building located on the southwest corner of the Site during the Site visit. 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 One ESA. Golder will review the response from the Ministry of Natural Resources upon its receipt and should the response affect the findings of this Phase One ESA, it will be forwarded to the Client. There were no material deviations to the Phase One 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 One Conceptual Site Model or the findings of this Phase One ESA.



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1.0 INTRODUCTION

1.1 Phase One Property Information

Golder Associates Ltd. (“Golder”) was retained by 258-262 Carruthers APTS Ltd. (“Carruthers”) to conduct a Phase One Environmental Site Assessment (“Phase One ESA”) of the following property:

Municipal Address	258 Carruthers Avenue
Property Identification Number	040940151
Legal Description	Plan 83, Part of Lots 7 and 8, City of Ottawa

The Site location is provided on Figure 1. A Site plan is provided on Figure 2.

The contact information for the Site is:

Site Owner / Client	Address	Contact Information
258-262 Carruthers APTS Ltd.	5689 Power Road Ottawa, Ontario K1G 3N4	Mr. Jordan Tannis Office: 613-293-2110 Email: jt@concorde-properties.ca

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the Site and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre (“m”) radius of the boundary of the Site (collectively referred to as the “Phase One Study Area”). The boundary of the Phase One Study Area is presented in Figure 2.

According to Ontario Regulation (“O.Reg.”) 153/04 *Records of Site Condition*, the objectives of a Phase One ESA are to:

- 1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Site;
- 2) Determine the need for a Phase Two Environment Site Assessment (“ESA”);
- 3) Provide a basis for carrying out a Phase Two ESA;
- 4) Provide adequate preliminary information about environmental conditions in the land or water on, in, or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA; and,
- 5) Identify and report on evidence of actual and/or potential contamination on the Site from current and historical activities at the Site or from adjacent properties.



3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Site. Based on Golder's review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the Site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Site was sufficient to achieve the objectives of the Phase One ESA.

3.1.2 First Developed Use Determination

The date of first developed use of the Phase One Property was determined based on review of the aerial photographs, the fire insurance plans (FIPs), the city directories and the EcoLog Environment Risk Information Service Ltd. (ERIS) report. The Phase One Property is not listed in the 1909 street directories; however, the 1902 revised 1912 FIP shows that the Site is occupied by three residential houses at this time. Therefore, the first development on the Phase One Property was determined to be sometime between 1909 and 1912.

3.1.3 Fire Insurance Plans

A review of the FIPs from 1902 revised 1912, 1948 and 1956 was completed and is described below.

Phase One Property

- 1902 revised 1912: the Site is comprised of three properties: 258, 260 and 262 Carruthers Avenue, each of which are developed with a residential dwelling fronting on Carruthers Avenue.
- 1948: the Site is occupied by a small parking garage for the residential property located immediately south of the Site at 266 Carruthers Avenue. The parking garage is located on the westernmost portion of the Site.
- 1956: the parking garage shown on the Site on the 1948 FIP is no longer present. The Site is now developed with a residential dwelling located on northwest corner of the Site and a parking garage is located on the southern portion of the Site.

Surrounding Area

- 1902 revised 1912: the surrounding properties within the Phase One Study Area are mainly single residential buildings with some commercial and community (town halls and churches) land uses. Noteworthy commercial properties on the surrounding properties within the Phase One Study Area are as follows:
 - A lumber yard is located approximately 230 m northwest of the Site at 172 Carruthers Avenue;
 - A planing mill is located at 366 Parkdale Avenue, approximately 220 m southwest of the Site; and,
 - An automotive garage is located approximately 190 m east of the Site at 1069 Wellington Street (currently 106 Merton Street)
- 1948: similar to 1902 revised 1912 with increasing residential, commercial and community development and the addition of institutional (schools) land uses. The following properties were noteworthy on the surrounding properties within the Phase One Study Area:



- A commercial office building and one fuel UST are located at 171 Armstrong Street. The fuel UST is located on the north side of the building which fronts on Armstrong Street. The fuel UST and commercial building are located approximately 40 m south of the Site;
 - A commercial printing shop, namely Dominion Loose Leaf Co. Ltd. Printers, is located approximately 215 m west of the Site at 320 Parkdale Avenue (currently 312 Parkdale Avenue);
 - The lumber yard at 172 Carruthers Avenue is no longer present;
 - The planing mill at 366 Parkdale Avenue is no longer present;
 - The automotive garage now located at 1069 Wellington Street (currently 106 Merton Street) now has four fuel USTs;
 - An automotive garage with one fuel UST is located approximately 95 m south of the Site at 1 Grant Street;
 - A retail fuel outlet with two fuel USTs is located at 1096 Wellington Street West, approximately 165 m east of the Site; and,
 - An “instruments” manufacturing facility is located approximately 250 m west of the Site at the southwest corner of Parkdale Avenue and Spencer Street;
 - A retail fuel outlet with three associated fuel USTs is located at 1130 Wellington Street West, approximately 175 m southeast of the Site.
- 1956: mostly unchanged since 1948. The following properties were noteworthy on the surrounding properties within the Phase One Study Area:
- The commercial office building and fuel UST are still present at 171 Armstrong Road (currently 177 Armstrong Road);
 - The commercial printing shop is still present at 320 Parkdale Avenue (currently 312 Parkdale Avenue);
 - The automotive garage and fuel USTs are no longer present at 1069 Wellington Street (currently 106 Merton Street);
 - 1 Grant Street is still occupied by an automotive garage and associated fuel UST;
 - The “instruments” manufacturing facility is still present at the southwest corner of Parkdale Avenue and Spencer Street;
 - A retail fuel outlet with two fuel USTs is still present at 1096 Wellington Street West; and,
 - 1130 Wellington Street West is still occupied by a retail fuel outlet with three associated fuel USTs;
 - A retail fuel outlet with two associated fuel USTs is located approximately 130 m south of the Site at 1149 Wellington Street (currently 1145 Wellington Street West).

Based on the review of the FIPs, the former presence of automotive garages and retail fuel outlets with fuel USTs, a commercial printing shop, a manufacturing facility, a lumber yard, a planing mill and a commercial office building with a fuel UST located within the Phase One Study Area are off-Site PCAs.



3.1.4 Chain of Title

From Golder's review of aerial photography and other information, the Phase One Property has been developed as a residential property since prior to 1912 with exception of the time around 1948 which it was occupied by a parking garage associated with an adjacent residential property and during redevelopment in the 1940's or 1950's. Chain of Title information was not ordered as it was deemed that the other information from the records review would satisfy the objectives of the records search and that the information to be provided in a Chain of Title would not contribute additional environmental information relevant to the Phase One ESA.

3.1.5 City Directories

Golder ordered a street directory search from EcoLog ERIS. A review of historical street directories for the years 1909, 1914, 1919, 1924, 1930, 1935, 1940, 1945, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1984, 1990, 1995/96, 2000/01, 2005/06 and 2011 was completed by EcoLog ERIS for the Phase One Property and select surrounding properties (within 250 m).

Based on Golder's review of the city directory information, the following summarizes the noteworthy findings of the street directory review:

- The Phase One Property, located at 258 Carruthers Avenue, was listed as a residential property with one tenant in the 1914, 1919, 1924, 1930, 1935, 1940, 1955, 1960, 1965, 1970, 1975 and 1980 street directories and was listed as a residential property with two to three tenants in the 1984, 1990, 1995/96 and 2005/06 street directories. The Phase One Property was not listed in the 1909, 1945, 1950, 2000/01 and 2011 street directories.
- 1096 Wellington Street West was listed as Parfield Oil Ltd. in the 1935 street directories, as British American Oil Co. Ltd. (a retail fuel outlet) in the 1945, 1950 and 1955 street directories and as a Pantalone Gordon Service Station in the 1960 and 1965 street directories. The street directories searched for the years prior to 1945 and after 1965 did not identify an oil company or a retail fuel outlet at this location.

Based on the review of the street directories, no PCAs were identified on the Site. However, the former presence of an oil company and retail fuel outlet located at 1096 Wellington Street West are off-Site PCAs.

3.1.6 Environmental Reports

No previous environmental reports related to the Phase One Study Area were available for review.

3.2 Environmental Source Information

3.2.1 EcoLog ERIS Report

Golder contracted EcoLog ERIS to conduct a search of environmental sources, including federal, provincial, and private sector databases, for information on the Phase One Property and Study Area. The EcoLog ERIS report is provided in Appendix B.



The databases searched included the following:

Federal	Provincial	Private
<ul style="list-style-type: none"> ▪ Contaminated Sites on Federal Land ▪ Environmental Effects Monitoring ▪ Environmental Issues Information System ▪ Federal Convictions ▪ Fisheries & Oceans Fuel Storage Tanks ▪ Indian & Northern Affairs Fuel Tanks ▪ National Analysis of Trends in Emergencies System (NATES) ▪ National Defence & Canadian Forces Fuel Storage Tanks ▪ National Defence & Canadian Forces Spills ▪ National Defence & Canadian Forces Waste Disposal Sites ▪ National Environmental Emergencies System (NEES) ▪ National PCB Inventory ▪ National Pollutant Release Inventory ▪ Parks Canada Fuel Storage Tanks ▪ Transport Canada Fuel Storage Tanks 	<ul style="list-style-type: none"> ▪ Abandoned Aggregate Inventory ▪ Abandoned Inventory ▪ Aggregate Mine Information System ▪ Borehole ▪ Certificates of Approval ▪ Certificates of Property Use ▪ Commercial Fuel Oil Tanks ▪ Compliance and Convictions ▪ Drill Hole Database ▪ Environmental Activity and Sector Registry ▪ Environmental Compliance Approval ▪ Environmental Registry ▪ Fuel Storage Tank ▪ Fuel Storage Tank – Historic ▪ Inventory of Coal Gasification Plants and Tar Sites ▪ Inventory of PCB Storage Sites ▪ Landfill Inventory Management Ontario ▪ List of TSSA Expired Facilities ▪ Mineral Occurrences ▪ Non-Compliance Reports ▪ Ontario Oil and Gas Wells ▪ Ontario Regulation 347 Waste Generators Summary ▪ Ontario Regulation 347 Waste Receivers Summary ▪ Ontario Spills ▪ Orders ▪ Permit to Take Water ▪ Pesticide Register ▪ Private and Retail Fuel Storage Tanks ▪ Record of Site Condition ▪ TSSA Historic Incidents ▪ TSSA Incidents ▪ TSSA Pipeline Incidents ▪ TSSA Variances for Abandonment of Underground Storage Tanks ▪ Waste Disposal Sites - MOECC 1991 Historical Approval Inventory ▪ Waste Disposal Sites - MOECC CA Inventory ▪ Wastewater Discharger Registration Database ▪ Water Well Information System 	<ul style="list-style-type: none"> ▪ Anderson's Storage Tanks ▪ Anderson's Waste Disposal Sites ▪ Automobile Wrecking & Supplies ▪ Canadian Mine Locations ▪ Canadian Pulp and Paper ▪ Chemical Register ▪ ERIS Historical Searches ▪ Oil and Gas Wells ▪ Retail Fuel Storage Tanks ▪ Scott's Manufacturing Directory



The complete EcoLog ERIS report, including a brief description of each of the databases searched for the Phase One ESA, is included in Appendix B.

The following is a summary of the findings as identified within the EcoLog ERIS report for the Site and for the surrounding properties within the Phase One Study Area:

On-Site

The EcoLog ERIS report identified that there were no records found for the Site.

Surrounding Properties within 250 metres of the Site

Noteworthy records for the Phase One Study Area (excluding the Phase One Property) included the following:

- Borehole (BORE) – There is one borehole listing within the Phase One Study Area. The borehole was completed in April 1966 to a depth of 4.6 metres below ground surface (mbgs). The borehole was located approximately 220 m southeast of the Site and was advanced through bedrock which was encountered at ground surface. The type of bedrock encountered and the static water level was not reported;
- Certificates of Approval (CA) – There are 15 Certificates of Approval (C of As) listings within the Phase One Study Area. The C of As was issued for municipal water, private water, municipal sewage, private sewage and/or waste management systems;
- ERIS Historical Searches (EHS) – The EcoLog ERIS report identified 31 historical search listings that were completed within the Phase One Study Area;
- Ontario Regulations 347 Waste Generators Summary (GEN) – The EcoLog ERIS report identified 19 waste generation Site listings within the Phase One Study Area. Noteworthy waste generators identified included the current dry cleaning facility at 4 Sherbrooke Avenue (formerly 1104 Wellington Street West) which is generator of halogenated solvents, and a former dry cleaning facility that was located approximately 105 m southeast of the Site at 1119 Wellington Street West and generated halogenated solvents. The remaining waste generator records and waste classes are included in the EcoLog ERIS report in Appendix B;
- TSSA Historical Incidents (HINC) – The EcoLog ERIS report identified two historical incidents within the Phase One Study Area. Both records were for gaseous fuel releases that occurred within the Phase One Study Area;
- TSSA Incidents (INC) – There are records of two TSSA incidents within the Phase One Study Area. The records were for pipeline hits that occurred at 1119 Wellington Street West (approximately 105 m southeast) and 1140 Wellington Street West (approximately 180 m south-southeast of the Site). The status of these incidents is completed; however no further information was provided;
- TSSA Pipeline Incidents (PINC) – There are records of seven TSSA pipeline incidents within the Phase One Study Area. All incidents were for natural gas pipeline strikes;
- Pesticide Register (PES) – Holistech Pest Control Inc. located approximately 125 m south of the Site was listed as an operator of registered pesticides and Giant Tiger located approximately 170 m east of the Site was listed as a vendor of registered pesticides;



- Record of Site Condition (RSC) – There is a record of one RSC that was filed within the Phase One Study Area. The RSC was filed in March 2016 for the property located at 1140 Wellington Street West 442 Somerset Street;
- Scott's Manufacturing Directory (SCT) – There were seven facilities listed in the Scott's Manufacturing Directory database, none of which were considered PCAs;
- Ontario Spills (SPL) – There are records of 17 spill occurring within the Phase One Study Area. Eight of the records were for furnace oil spills that occurred at private residences located greater than 100 m from the Site and/or hydraulically cross-gradient or down-gradient with respect to the Site. The other reported spills were gasoline, diesel, motor oil, paint and stove oil spills that were either not significant in size, were located greater than 100 m from the Site, were located hydraulically cross-gradient or down-gradient with respect to the Site or entered the atmosphere or sewers; and,
- Water Well Information System (WWIS) – There are 16 water wells within the Phase One Study Area. They were constructed between March 2007 and March 2014 to depths ranging from 2.87 mbgs to 10.44 mbgs. The static water levels were not provided.

The EcoLog ERIS report identified a dry cleaning facility at 4 Sherbrooke Avenue (formerly 1104 Wellington Street West) and a former dry cleaning facility at 1119 Wellington Street West. The current and former presence of these dry cleaning facilities are considered to be off-Site PCAs. Several diesel, natural gas, paint, gasoline and oil spills were reported to have occurred within the Phase One Study Area; however, given that they were either not significant in size, were located greater than 100 m from the Site, were located hydraulically cross-gradient or down-gradient with respect to the Site or entered the atmosphere or sewers, they are not considered to be issues of potential environmental concern. The EcoLog ERIS report identified a waste generating site within the Phase One Study Area. The presence of waste generators alone is not considered an issue of concern on its own as there is no information as to the handling practices at the identified sites; however, it is an indication of the presence of chemical storage.

3.2.2 Ministry of the Environment and Climate Change

The Ottawa district office of the Ontario Ministry of Environment and Climate Change (MOECC) was contacted (refer to copy of correspondence in Appendix A) to provide an Index Report with respect to active orders and approvals for the Site as detailed below:

- Active orders under the Environmental Protection Act (EPA), the *Ontario Water Resources Act* (OWRA), and the *Pesticides Act* (PA); and,
- Approvals under Sections 9 and 39 of the EPA as well as Sections 52 and 53 of the OWRA.

A formal response from the MOECC was received by Golder on January 10, 2017. The review of the MOECC response indicated that no Active Orders, Certificate of Approvals or Environmental Compliance Approvals have been issued for the Site.



3.2.3 City of Ottawa Document Review

Prior to the 2001 amalgamation, the City did not have a consolidated database of environmental concerns for City properties and typically referred all inquiries to the *1988 Mapping and Assessment of Former Industrial Sites, City of Ottawa, Intera Technologies Ltd.* (hereafter known as the “1988 Intera Report”). This report describes an inventory and assessment study of former industrial sites that were active in the former (prior to the 2001 amalgamation) City of Ottawa from 1850 to 1984 that likely produced or handled hazardous wastes and materials. The sites were subsequently screened to identify higher priority sites which were subdivided into Group I, Group II and Group III sites.

- Group I Sites – Sufficient evidence to indicate that wastes are present on-Site and that there is a high potential for environmental impact.
- Group II Sites – Sufficient evidence to indicate that wastes are likely remnant on-Site.
- Group III Sites – Unlikely that significant quantities of waste exist at the Site today and therefore the potential for environmental impact is minimal.

The review of 1988 Intera Report indicated that the following two former industrial sites that were located within the Phase One Study Area:

- A commercial printing shop (Dominion Loose Leaf Co. Ltd. Printers) was formerly located approximately 215 m west of the Site at 320 Parkdale Avenue (currently 312 Parkdale Avenue). This site was classified as a Group III site and was reportedly in operation from 1928 to 1956. However, based on the review of the aerial photographs discussed in Section 3.3.1, commercial development did not begin on this property until sometime between 1938 and 1958 and given that this facility was identified in the 1948 FIPs, it is likely that it began operation sometime between 1938 and 1948; and,
- A metal smelting and refining company was located at 103 Pinhey Street, approximately 155 m east of the Site. This facility was reportedly in operation in the 1920’s and was classified as a Group III site.

The former presence of the commercial printing shop and the metal smelting and refining company are considered to be an off-Site PCAs.

The 1988 Intera Report did not identify any former landfills within the Phase One Study Area; however, it did identify a landfill that was former located within approximately 500 m of the Site. This former landfill is identified as Ur-38 – Stonehurst and Bayview landfill and was located approximately 420 m northeast and of the Site, north of the Scott Street at Merton Street. The former presence of this landfill is considered to be a PCA; however, it is not located within the Phase One Study Area.

3.2.4 Review of the 2004 City of Ottawa Waste Disposal Sites Inventory

The review of the *2004 City of Ottawa Waste Disposal Sites Inventory* as described in the report entitled “*Old Landfill Management Strategy, Phase 1-Identification of Sites, City of Ottawa, Ontario*”, completed by Golder for the City of Ottawa, dated October 2004 indicated that the former Stonehurst and Bayview landfill identified in the 1988 Intera Report was identified in this report; however, this report identified it as Ur-38 – Laroche Park landfill. This report indicated that the former landfill was approximately 0.6 hectare in size and was active from 1928 to 1932.



3.2.5 Ministry of Natural Resources and Forestry (MNR)

An information request was sent to the Ministry of Natural Resources and Forestry (MNR) on January 3, 2017. Records requested included any information relating to areas of natural significance in the vicinity of the Site, as well as any other environmental concerns that may be related to the Site and surrounding area.

At the time of preparation of this report a response from the MNR was not received.

3.2.6 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (TSSA) maintains records related to registered underground storage tanks (“USTs”) for petroleum-related products. The TSSA was contacted to establish the status of the Site and to identify outstanding instructions, incident reports, fuel oil spills or contamination records.

Ms. Prem Lal of the TSSA replied on January 4, 2027 and indicated that the TSSA did not have any records for the addresses searched for the Phase One Property or in the Phase One Study Area.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs of the Site and neighbouring properties were obtained from the National Air Photo Library (Natural Resources Canada) for the years 1938 and 1986. In addition, the aerial photographs for 1928, 1958, 1965, 1976, 1991, 2005 and 2014 from the City of Ottawa geo-map (<http://maps.ottawa.ca/geoOttawa/>) were reviewed on-line. Golder selected aerial photographs based on availability and date intervals to help develop an understanding of the history of the development of the Phase One Property and Phase One Study Area. The information obtained from the aerial photographs was limited by the quality and scale of the available aerial photographs. The earliest aerial photograph available was from 1945. The aerial photographs from 1938 and 1986 are included in Appendix D.

Information obtained from the review of the aerial photographs is summarized in the following table:

Year	Site	Surrounding Area
1928 City of Ottawa geomap	The quality of this aerial photograph is limited; however, the Site appears to be occupied by two residential houses.	<p>North: Primarily residential houses and possibly a few commercial buildings.</p> <p>East: Carruthers Avenue followed by several residential buildings as well as commercial buildings that are primarily located along Wellington Street West.</p> <p>South: A mix of residential and commercial buildings.</p> <p>West: Mainly single residential buildings and some commercial buildings. The land to the west of Parkdale Avenue is primarily vacant.</p>
1938	As per 1928.	<p>North: Similar to 1928; however, the lands located approximately 140 m and greater from the Site are not visible in this aerial photograph.</p> <p>East, South and West: As per 1928.</p>



**PHASE ONE ESA – 258 CARRUTHERS AVENUE
OTTAWA, ONTARIO**

Year	Site	Surrounding Area
1958 City of Ottawa geomap	<p>The Site is occupied by a residential house that is located on the northwest corner of the Site and a parking garage that is located on the southwest corner of the Site. There appears to be three snow covered overhead hydro lines or possibly three concrete pad walkways extending from the on-Site residential house to the southwest corner of the Site.</p>	<p>North: As per 1938. All the lands within the northeast portion of the Phase One Study Area are visible.</p> <p>East: Similar to 1938. There appears to be a retail fuel with an associated pump island located at 1096 Wellington Street West, approximately 165 m east of the Site.</p> <p>South: Similar to 1938; however, there appears to be two retail fuel outlet with an associated pump island located within the southern portion of the Phase One Study Area. One is located approximately 130 m south of the Site at 1145 Wellington Street West and the other is located approximately 175 m southeast of the Site at 1130 Wellington Street West.</p> <p>West: Similar to 1938; however, the lands west of Parkdale Avenue are now developed and primarily consist of large commercial properties.</p>
1965 City of Ottawa geomap	<p>Similar to 1958; however, the walkways or snow covered hydro lines are no longer visible.</p>	<p>North, East, South and West: As per 1958.</p>
1976 City of Ottawa geomap	<p>As per 1965.</p>	<p>North: As per 1965.</p> <p>East: Similar to 1965; however, the retail fuel outlet located at 1096 Wellington Street West is no longer present. This property is now occupied by a different commercial building.</p> <p>South: Similar to 1965; however, the retail fuel outlets located at 1130 and 1145 Wellington Street West have been removed.</p> <p>West: As per 1965.</p>
1986 City of Ottawa geomap	<p>As per 1976.</p>	<p>North, East, South and West: As per 1976.</p>
1991 City of Ottawa geomap	<p>Similar to 1986; however, an addition has been made to the west side of the parking garage. A paved driveway is visible on the southeast corner of the Site and the northeast corner of the Site is a grassed yard.</p>	<p>North, East, South and West: As per 1986.</p>
2005 City of Ottawa geomap	<p>As per 1991.</p>	<p>North, East, South and West: As per 1991.</p>
2014 City of Ottawa geomap	<p>As per 2005.</p>	<p>North, East, South and West: As per 2005.</p>



Based on the aerial photographs, the Phase One Property appears to have been developed with two residential buildings prior to 1928 to sometime between 1938 and 1958 when it was redeveloped with a residential building an associated parking garage. These are the current Site buildings that have remained present on the Site since this time; however, a small addition to the parking garage was made on the west side of the building between 1976 and 1991. At the time of the Site visit, the parking garage had been converted into a residential dwelling.

The surrounding properties within the Phase One Study Area were developed prior to 1928. Since development they have primarily included residential properties and some commercial properties that were mainly located along Wellington Street West. Commercial development also occurred along Parkdale Avenue sometime between 1928 and 1958. Retail fuel outlets were constructed on the lands east of the Site at 1096 Wellington Street West as well as south and southeast of the Site at 1145 and 1130 Wellington Street West, respectively. These two retail fuel outlets were constructed sometime between 1938 and 1958 and were present until sometime between 1965 and 1976.

The aerial photograph review of the Site and surrounding area (within approximately 250 m) did not identify any on-Site PACs; however, it did indicate an off-Site PCAs associated with three former retail fuel outlets and commercial operations, west of Parkdale Avenue, that were located within the Phase One Study Area.

3.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. A topographic map (Ontario Base Map) showing the Site and the Phase One Study Area and the location of any water bodies is provided in Figure 3. Additional information on Site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding area is uneven with an overall slope to the north-northwest.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance
Overburden Soils	The geological mapping indicates that there is no native subsurface soil on the Site and that the Site is underlain by limestone, dolomite, sandstone and local shale bedrock.	Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD.
Type of Bedrock	Bobcaygeon Formation: limestone, with minor shales in upper part.	Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 219
Depth to Bedrock	The depth to bedrock is expected to be between 0 and 1 mbgs.	2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001
Inferred Near Surface Groundwater Flow	Local groundwater is anticipated to flow north-northwest towards the Ottawa River.	Site and surrounding area observations, Figure 1 – Key Plan and Figure 3 – Topographic Map and Areas of Natural Significance



Topic	Conditions	Comment / Source
Site Grade Relative to the Adjoining Properties	The Site appears to follow the topography of the area and is below the grade of the surrounding properties southeast of the Site, above the grade of the surrounding properties northwest of the Site and is generally at grade with the surrounding properties southwest and northeast of the Site.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance
Depth to Groundwater	Not identified.	N/A

It should be noted that local groundwater flow may be influenced by underground utilities (i.e., service trenches) and building structures. For example, the gravel pack used around utilities, such as a water line, can act as interceptors and redirect groundwater flow along the direction of the pipe. If a more accurate description of geology, groundwater flow and groundwater quality is required, a subsurface investigation would be necessary.

3.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	No fill materials were observed or reported. No piles of fill material were observed on the Site. Fill material may have been used for construction purposes (backfill around residential building and parking lot sub-grade material).	Site observations

3.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	The nearest permanent watercourse is the Ottawa River which is located approximately 850 m north-northwest of the Site.	Site observations and Figure 1– Key Plan
Areas of Natural Significance	No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. Based on available information, the Site is not considered to be an environmentally sensitive area. However, a response from the MNR has not been received to confirm this. As such, the Site is not considered an area of natural significance.	Figure 3 (Topographic Map and Areas of Natural Significance)



3.3.5 Well Records

Topic	Conditions	Comment / Source
Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)	Based on the EcoLog ERIS report no water wells are located on the Site.	EcoLog ERIS Report and Site observations
Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)	Based on the EcoLog ERIS report, there are 16 water wells within the Phase One Study Area. They were constructed between March 2007 and March 2014 to depths ranging from 2.87 mbgs to 10.44 mbgs. The static water levels were not provided.	EcoLog ERIS Report

3.4 Site Operating Records

At the time of the Site visit, the Phase One Property was developed with two residential buildings, a paved driveways and a small snow covered front yard. No Site operating records were provided to Golder for review.

4.0 INTERVIEWS

Golder conducted an interview with Jordan Tannis of Carruthers (hereinafter referred to as the “Site Representative”) to discuss information about the historical and current activities carried out on the Site. Pursuant to the requirements O.Reg. 153/04, the Site Representative was interviewed as the “current owner” with knowledge of current Site operations.

Relevant information obtained during the interview and Site visit is provided in Section 5.0.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

Alyssa Troke of Golder visited the Site on January 11, 2017. The Site visit consisted of a walk-around the Site along with a cursory inspection of surrounding properties from the Site and publicly accessible areas. The Site was occupied by one multi-tenant residential building, one single-tenant residential building, a paved driveway and a snow covered front yard.

Photographs of relevant features noted during the Site visit are provided in Appendix C.



5.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
Structures Number and Age of Buildings on the Site	There are two buildings on the Site: the main/northwest building and the southwest building. Both buildings were constructed between 1948 and 1956.	Site observations and aerial photographs
General Descriptions of Each Building (including improvements)	<p>The main/northwest building is a multi-tenant, two storey residential house with no basement level. It is divided into four apartments, two of which are on the main floor and two of which are on the second floor. Construction of this building is textured plaster and vinyl siding on a wood frame on a poured concrete foundation. The interior of the main/northwest building is finished with a combination of drywall walls and ceilings, stucco ceilings, carpet flooring, laminate flooring and vinyl floor tiles.</p> <p>The southwest building is a former parking garage that has been converted into a single tenant residential dwelling. It is a single storey building with a small attached storage shed used for storage of buildings materials including wood and tools. Construction of the southwest building is textured plaster and vinyl siding on wood frame on poured concrete foundation. Access was not provided to the interior of the southwest at the time of the Site visit.</p>	Site observations and Site Representative
Building Areas	The footprint of the residential building located on the northwest corner of the Site is approximately 100 m ² . The footprint of the smaller residential building located on the southwest corner of the Site is approximately 65 m ² .	Site observations
Number of Floors (include all levels, whether above or below ground)	The main/northwest building has two levels, all of which are aboveground. The southwest building has one aboveground level.	Site observations
Number, Age, and Depth of Levels Below Ground Level	The on-Site buildings do not have any below ground levels.	Site observations and Site Representative



Topic	Observations	Source
Number and Details of all Aboveground Storage Tanks (“ASTs”)	<p>There were no ASTs observed on the Site at the time of the Site visit. As discussed below in the “Existing and Former Heating System(s)” section of this table, there is a potential that the main/northwest building was formerly heated by natural gas and/or heating oil which would have required an on-Site heating oil AST or UST. However, the Site Representative reported that natural gas and heating oil have never been used as a heating source of the on-Site buildings and that the buildings have always been heating via electric baseboards. In addition, no furnaces or heating oil tanks were observed on the Site at the time of the Site visit to indicate that heating oil was formerly used as a heating source. Therefore, it is considered that a heating oil tank has not been present on the Site.</p> <p>Based on the age of the adjacent buildings within the Phase One Study Area, there is a potential that they formerly had, or still have, fuel oil storage tanks that were most likely ASTs.</p>	Site observations
Number and Details of all Underground Storage Tanks (“USTs”)	<p>As previously discussed, it is considered that a heating oil tank has not been present on the Site and no evidence (fill/vent pipes extending through slabs/ground surface, no staining or any obvious odours) was observed during the Site visit to indicate the current or former presence of fuel or chemical USTs on the Site. However, based on the age of the adjacent buildings within the Phase One Study Area, there is a potential that they formerly had, or may still have, fuel oil storage tanks. Although the storage tanks would have likely been ASTs, this could not be confirmed.</p>	Site observations
Asbestos-Containing Materials (ACMs)	<p>Based on the age of the building (1948 to 1956), potential ACMs such as floor tiles, dry wall compounds, stucco ceilings, plaster and window caulking may be present in the Site building.</p>	Site observations



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Topic	Observations	Source
Polychlorinated Biphenyls (PCB) Containing Materials and Equipment	No evidence was observed during the Site visit to indicate the current or former presence of PCB-containing material or equipment. Several pad-mounted and pole-mounted transformers were noted adjacent to the roads within the Phase One Study Area. No evidence of spills or leaks was noted in the area of the transformers at the time of the Site visit. No labels indicating whether the transformers are PCB-containing or not were noted on any of the transformers.	Site observations
Lead-Based Paints (LBPs)	Based on the age of the building (1948 to 1956), there is a potential for lead-based paints to be present on the walls within this building.	Site observations
<u>Underground Utilities</u> Potable and Non-Potable Water Sources	The Site is connected to the municipal water supply. There were no non-potable water sources identified at the Site at the time of the Site visit.	Site observations and Site Representative
Utility Lines Present (i.e. Electrical, Natural Gas, other)	Overhead electrical lines were present along the eastern Site boundary and also ran from the northeast corner of the main/northwest building to an off-Site hydro pole located near the eastern corner of the Site. Overhead electrical line also ran from the south side of the main/northwest building to the west side of the southwest building, to a hydro pole located southwest of the Site and to the adjacent residential property south of the Site.	Site observations
Sanitary/Process Wastewater Receptor	Sanitary wastewater is generated on-Site and discharged to the municipal sanitary sewer. No process wastewater is generated on-Site.	Site observations
Sanitary Sewer Connection	The Site is connected to the municipal sanitary sewer.	Site observations and Site Representative
Septic Systems	None identified.	Site observations and Site Representative
Storm Water Flow	Storm water run-off is through natural soil infiltration.	Site observations
Storm Sewer Connection	The Site is not connected to the municipal storm sewer.	Site observations
<u>Interior of Structures</u> Entry and Exit Points for Site Buildings	The main/southwest building has two entry and exit points, one of which is located on the east side of the building and two of which are located on the south side of the building. The southwest residential building has two entry and exit points which are located on the north side of the building.	Site observations



Topic	Observations	Source
Existing and Former Heating System(s) (include fuel type / source)	<p>The on-Site buildings are heated via electric baseboards. A natural gas meter was observed on the exterior southern wall of the main/northwest building. The current presence of the natural gas meter indicates that the on-Site buildings may have formerly been heating via natural gas, prior to which the main/northwest building may have been heating by heating oil. However, the Site Representative reported that natural gas and heating oil have never been used as a heating source of the on-Site buildings and that the buildings have always been heating via electric baseboards. In addition, no furnaces or heating oil tanks were observed in the main/northwest building at the time of the Site visit to indicate that heating oil was formerly used as a heating source. As such, it is considered that the on-Site buildings have always been heated by electric baseboards.</p>	<p>Site observations</p>
Existing and Former Cooling System(s) (include fuel type / source)	<p>None identified.</p>	<p>Site observations</p>
Drains, Pits, and Sumps (include current use, if any, and former use)	<p>None identified.</p>	<p>Site observations</p>
Unidentified Substances	<p>None identified.</p>	<p>Site observations</p>
Floor Stains or Corrosion Located near a Potential Discharge Location	<p>None identified.</p>	<p>Site observations</p>
Miscellaneous Exterior Location of any Current and Former Wells	<p>None identified.</p>	<p>Site observations</p>
Ground Cover (i.e., grass, gravel, soil, or pavement, etc.)	<p>The majority of the Site exterior consists of a paved driveway located on the southeast corner of the Site and a small snow covered front yard that was observed on the northeast corner of the Site. Concrete pads were also observed between the two on-Site residential buildings and immediately east of the main/northwest residential building; however, the concrete pads were primarily snow covered at the time of the Site visit.</p>	<p>Site observations</p>
Current or Former Railway Lines or Spurs	<p>None observed or reported.</p>	<p>Site observations.</p>



Topic	Observations	Source
Presence of Stained Soil, Vegetation, or Pavement	None observed.	Site observations
Presence of Stressed Vegetation	None observed.	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	No piles of fill material or debris were observed during the Site visit.	Site observations
Potentially Contaminating Activity	None identified.	Site observations
Unidentified Substances	None identified.	Site observations

5.2.1 Enhanced Investigation Property

The Site is occupied by two residential buildings, a paved driveway and small snow covered front yard and a backyard and has not been used as an automotive garage, a bulk liquid dispensing facility or a dry cleaning facility. As such, the Site is not considered to be an enhanced investigation property as defined by O. Reg. 153/04.

5.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include residential, commercial, community, institutional and parkland land uses as illustrated on Figure 2.

North: Primarily single residential houses with a few commercial properties and a park.

East: Carruthers Avenue followed by a mix of residential (single residential houses and apartment buildings) and commercial development as well as a community centre. The commercial development was primarily located along Wellington Street West.

South: A mix of residential (single residential houses, apartment buildings and a manor), commercial and community development including a library, a church and a community support centre. A park was also located at the southeast corner of McCormick Street and Armstrong Street. In addition, an automotive garage was located approximately 95 m south of the Site at 1 Grant Street and a dry cleaning facility that was located approximately 155 m southeast of the Site at 4 Sherbrooke Avenue.

West: Primarily single residential houses with some commercial buildings along Parkdale Avenue and a daycare centre located along Oxford Street.

5.4 Written Description of Investigation

The Site is located at 258 Carruthers Avenue in Ottawa, Ontario and is bounded to the east by Carruthers Avenue. At the time of the Site visit, which was conducted on January 11, 2017, the Site consisted of an approximately 0.13 acre parcel of residential land occupied by two residential buildings, a paved driveway and a snow covered front yard. One of the residential buildings is two-storey building that is divided into four apartment



units and is located on the northwest corner of the Site. The other residential building is a former parking garage that has been converted into a single-tenant residential building. It is single-storey building and is located on the southwest corner of the Site. The paved driveway was located on the southeast corner of the Site and the snow covered front yard was located on the northeast corner of the Site. At the time of the Site visit, a few waste disposal and recycling bins were observed on the driveway along the southern Site boundary and were used to stored domestic wastes and recyclables. The surrounding properties within the Phase One Study Area included residential, commercial, community, parkland and institutional land uses.

It was noted during the Site visit that a dry cleaning facility was located approximately 155 m southeast of the Site at 1106 Wellington Street West. This facility appeared to be a drop-off depot where no cleaning takes place; however, this could not be confirmed. As such, it is considered to be an off-Site PCA. An automotive garage was also observed at 1 Grant Street (approximately 95 m south of the Site). The current presence of this automotive garage is considered to be an off-Site PCA. Additionally, an abandoned commercial building with a “Grant Street Garage” sign was located approximately 95 m south of the Site at 1 Grant Street. Fill and vent pipes were observed in the eastern exterior wall of this building and were likely pipes for a heating oil AST or the fuel UST that was identified on this property in the 1948 and 1956 FIPs. The former presence of this automotive garage and the former and/or current presence of the fuel AST or UST is an off-Site PCA.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses of the Site

The following summarizes the current and past uses of the Phase One Property:

Year(s)	Name of Owner(s)	Description of Property Use	Property Land Use according to Reg.153/04	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1909	Unknown	Undeveloped	Agricultural or other use	The Site is not listed in the 1909 street directories. No street directories or aerial photograph coverage was available for prior to 1909.
1909 to Present	Currently owned by 258-262 Carruthers APTS Ltd.; however, the name of prior owners is unknown.	The Site is occupied residential buildings.	Residential	Based on the review of the FIPs, street directories and aerial photographs, the Site was occupied by residential dwellings since sometime between 1909 and 1940 and was subsequently occupied by a parking garage for the adjacent residential property south of the Site. The Site is listed as a residential property with one tenant in the street directories searched between 1955 and 1980. The 1956 FIP indicates that the Site is occupied by a residential dwelling and an associated parking garage and the 1958 and subsequent aerial photographs show that the Site is



Year(s)	Name of Owner(s)	Description of Property Use	Property Land Use according to Reg.153/04	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
				occupied by the two current Site buildings: a residential building and a parking garage. At the time of the Site visit, on January 11, 2017, the Site was occupied by two residential buildings, one of which was a former parking garage that has been converted into a residential dwelling. The 1984, 1990, 1995/96 and 2005/06 street directories list the Site as a multi-tenant residential property and as such, it is likely that the parking garage was used for residential purposes since sometime between 1980 and 1984.

6.2 Potentially Contaminating Activity

Potentially contaminating activities, which if currently or historically carried out at a Site, may contribute to an area of potential environmental concern (“APEC”). Based on the information obtained as part of this Phase One ESA, the following PCAs were identified within the Phase One Study Area:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a lumber yard located approximately 230 m northwest of the Site at 172 Carruthers Avenue.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically down-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a planing mill located approximately 220 m southwest of the Site at 366 Parkdale Avenue.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.



Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<p>#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with four associated fuel USTs located at 106 Merton Street (formerly 1069 Wellington Street West); approximately 190 m east of the Site.</p>	FIPs	<p>Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with a current and/or former fuel UST and/or AST. This facility was located at 171 Armstrong Street (approximately 20 m south of the Site) which is currently part of the adjacent property southwest of the Site (177 Armstrong Street). However, the automotive garage building and associated fuel storage tank(s) were located approximately 40 m south of the Site.</p>	FIPs and Site observations	<p>There is a potential that this PCA has resulted in subsurface impacts at this property and a potential for impacts to have migrated through groundwater towards the Site. However, given the distance between the Site and the location of this PCA and that there have been no reported spills at this location, the potential for impacts to have migrated onto the Site is reduced. As such, this PCA is not considered have resulted in an APEC on the Site.</p>
	<p>#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Current presence of an automotive garage and an associated fuel UST located at 1 Grant Street; approximately 95 m south of the Site.</p>	FIPs	<p>Given that this facility was to the Site and was separated from the Site by 95 m including Armstrong Road and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located approximately 165 m east of the Site at 1096 Wellington Street West.</p>	FIPs and aerial photographs	<p>Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.</p>



Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an oil company and a retail fuel outlet with three associated fuel USTs located approximately 175 m southeast of the Site at 1130 Wellington Street West.</p>	<p>FIPs, aerial photographs and City Directories</p>	<p>Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located at 1145 Wellington Street West (formerly 1149 Wellington Street West); approximately 130 m south of the Site.</p>	<p>FIPs and aerial photographs</p>	<p>Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#37. Operation of Dry Cleaning Facility (where chemicals are used) – Current presence of a dry cleaning facility located approximately 155 m southeast of the Site at 4 Sherbrooke Avenue (formerly 1104 Wellington Street West).</p>	<p>Ecolog ERIS report and Site observations</p>	<p>Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#37. Operation of Dry Cleaning Facility (where chemicals are used) – Former presence of a dry cleaning facility located at 1119 Wellington Street West; approximately 105 m southeast of the Site.</p>	<p>Ecolog ERIS report</p>	<p>Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>#35. Mining, Smelting and Refining; Ore Processing; Tailings Storage – Former presence of a metal smelting and refining company approximately 115 m east of the Site at 103 Pinhey Street.</p>	<p>1988 Intera Report</p>	<p>Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.</p>



Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<p>#19. Electronic and Computer Equipment Manufacturing – Current presence of an instrument manufacturing company located approximately 250 m west of the Site at the southwest corner of Parkdale Avenue and Spencer Street.</p>	FIPs	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former and/or current presence of fuel oil storage tanks located at some of the residential buildings within the Phase One Study Area.</p>	Ecolog ERIS report and Site observations	The storage tanks were likely ASTs located on concrete floors in the basements of the residential buildings. The ERIS report identified eight heating oil spills within the Study Area; however, they were either not significant in size, were located greater than 100 m from the Site or were located hydraulically cross-gradient or down-gradient with respect to the Site. As such, these PCAs are not considered to represent an APEC on the Site.

In addition to the aforementioned PCAs, the 1948 and 1956 FIPs identified a commercial printing shop that was formerly located at 312 Parkdale Avenue (formerly 320 Parkdale Avenue); approximately 215 m west of the Site. Although a commercial printing shop is not a listed PCA under O.Reg. 153/04, it is a facility that could potentially result in an APEC on the Site. However, given the distance and amount of infrastructure between this facility at the Site and that it was located hydraulically cross-gradient with respect to the Site, it is not considered to result in an APEC on the Site.

6.3 Areas of Potential Environmental Concern

Based on the information obtained as part of this Phase One ESA, none of the PCAs identified were considered to represent an APEC on the Phase One Property.

6.4 Conceptual Site Model

A Conceptual Site Model of the Phase One Study Area (as required by O.Reg. 153/04) is presented in a series of Figures 1 to 8 (Figure 1: Key Plan, Figure 2: Site Plan, Figure 3: Topographic Map and Areas of Natural Significance, Figure 4: Surficial Geology, Figure 5: Drift Thickness, Figure 6: Bedrock Geology, Figure 7: Soil Survey Complex (Ontario Soils), and Figure 8: Physiography Map).



The combined set of figures shows:

- Existing buildings and structures;
- Water bodies and Areas of Natural Significance (if present) located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property; and,
- Location of identified PCAs in the Phase One Study Area (including any storage tanks).

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

- At the time of the Site visit, which was conducted on January 11, 2017, the Site consisted of an approximately 540 m² (0.05 hectare) parcel of residential land occupied by two residential buildings located on the western portion of the Site, a paved driveway located on the southeast corner of the Site and a snow covered front yard located on the northeast corner of the Site. One of the residential buildings was a two storey residential building that is divided into four apartment units and is located on the northwest corner of the Site. The other residential building is a former parking garage that has been converted into a single-tenant residential building. It is single storey building and is located on the southwest corner of the Site. The residential buildings have been present on the Site since sometime between 1948 and 1956;
- The Site is bounded to the east by Carruthers Avenue;
- According to the EcoLog ERIS report, there are no water wells present on the Site. No water wells were observed on the Site at the time of the Site visit;
- No piles of fill were observed on the Site at the time of the Site visit;
- The nearest water body is the Ottawa River located approximately 850 m north-northwest of the Site;
- No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. Based on available information, the Site is not considered to be an environmentally sensitive area. However, a response from the MNRF has not been received to confirm this. As such, the Site is not considered an area of natural significance;
- At the time of the Phase One ESA, the surrounding properties within the Phase One Study Area were comprised of residential, commercial, community, institutional and parkland land uses;
- The following roads were located within the Phase One Study Area at the time of the Site visit:
 - Carruthers Avenue, Stirling Avenue, Pinhey Street, Merton Street, Ladoucer Street, Bullman Street, Hinchey Avenue, Pinehurst Avenue, Parkdale Avenue, Oxford Street, Armstrong Street, Wellington Street West, Grant Street, McCormick Street, Rosemount Avenue, Sherbrooke Avenue and Melrose Avenue;



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- The geological mapping indicates that there is no native subsurface soil at the Site and that the Site is primarily underlain by limestone, dolomite, sandstone and local shale bedrock. The type of bedrock at the Site is Bobcaygeon;
- Groundwater is anticipated to flow north-northwest towards the Ottawa River; and,
- The following PCAs that may have resulted in APECs on the Site have been identified:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a lumber yard located approximately 230 m northwest of the Site at 172 Carruthers Avenue.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically down-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	#59. Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a planing mill located approximately 220 m southwest of the Site at 366 Parkdale Avenue.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with four associated fuel USTs located at 106 Merton Street (formerly 1069 Wellington Street West); approximately 190 m east of the Site.	FIPs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with a current and/or former fuel UST and/or AST. This facility was located at 171 Armstrong Street (approximately 20 m south of the Site) which is currently part of the adjacent property southwest of the Site (177 Armstrong Street). However, the automotive garage building and associated fuel storage tank(s) were located approximately 40 m south of the Site.	FIPs and Site observations	There is a potential that this PCA has resulted in subsurface impacts at this property and a potential for impacts to have migrated through groundwater towards the Site. However, given the distance between the Site and the location of this PCA and that there have been no reported spills at this location, the potential for impacts to have migrated onto the Site is reduced. As such, this PCA is not considered have resulted in an APEC on the Site.



Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<p>#10. Commercial Autobody Shops and 28. Gasoline and Associated Products Storage in Fixed Tanks – Current presence of an automotive garage and an associated fuel UST located at 1 Grant Street; approximately 95 m south of the Site.</p>	FIPs	Given that this facility was to the Site and was separated from the Site by 95 m including Armstrong Road and its underlying services, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located approximately 165 m east of the Site at 1096 Wellington Street West.</p>	FIPs and aerial photographs	Given the distance and amount of infrastructure between the Site and this facility and that this facility was located hydraulically cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an oil company and a retail fuel outlet with three associated fuel USTs located approximately 175 m southeast of the Site at 1130 Wellington Street West.</p>	FIPs, aerial photographs and City Directories	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located at 1145 Wellington Street West (formerly 1149 Wellington Street West); approximately 130 m south of the Site.</p>	FIPs and aerial photographs	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#37. Operation of Dry Cleaning Facility (where chemicals are used) – Current presence of a dry cleaning facility located approximately 155 m southeast of the Site at 4 Sherbrooke Avenue (formerly 1104 Wellington Street West).</p>	Ecolog ERIS report and Site observations	Given the distance and amount of infrastructure between the Site and this facility and that was it was located hydraulically down and cross-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#37. Operation of Dry Cleaning Facility (where chemicals are used) – Former presence of a dry cleaning facility located at 1119 Wellington Street West; approximately 105 m southeast of the Site.</p>	Ecolog ERIS report	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.



Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
	<p>#35. Mining, Smelting and Refining; Ore Processing; Tailings Storage – Former presence of a metal smelting and refining company approximately 115 m east of the Site at 103 Pinhey Street.</p>	1988 Intera Report	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#19. Electronic and Computer Equipment Manufacturing – Current presence of an instrument manufacturing company located approximately 250 m west of the Site at the southwest corner of Parkdale Avenue and Spencer Street.</p>	FIPs	Given the distance and amount of infrastructure between the Site and this facility, it is not considered to be a PCA that will result in an APEC on the Site.
	<p>#28. Gasoline and Associated Products Storage in Fixed Tanks – Former and/or current presence of fuel oil storage tanks located at some of the residential buildings within the Phase One Study Area.</p>	Ecolog ERIS report and Site observations	The storage tanks were likely ASTs located on concrete floors in the basements of the residential buildings. The ERIS report identified eight heating oil spills within the Study Area; however, they were either not significant in size, were located greater than 100 m from the Site or were located hydraulically cross-gradient or down-gradient with respect to the Site. As such, these PCAs are not considered to represent an APEC on the Site.

- In addition to the aforementioned PCAs, the 1948 and 1956 FIPs identified a commercial printing shop that was formerly located at 312 Parkdale Avenue (formerly 320 Parkdale Avenue); approximately 215 m west of the Site. Although a commercial printing shop is not a listed PCA under O.Reg. 153/04, it is a facility that could potentially result in an APEC on the Site. However, given the distance and amount of infrastructure between this facility at the Site and that it was located hydraulically cross-gradient with respect to the Site, it is not considered to result in an APEC on the Site.

6.4.1 Uncertainty and Absence of Information

At the time of preparation of this report, a response to Golder’s request for information had not been received from the Ministry of Natural Resources and Forestry. In addition, Golder was unable to access the smaller residential building located on the southwest corner of the Site during the Site visit. 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 One ESA. Golder will review the response from the Ministry of Natural Resources upon its receipt and should the response affect the findings of this Phase One ESA, it will be forwarded to the Client. There were



no material deviations to the Phase One 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 One Conceptual Site Model or the findings of this Phase One ESA.

7.0 CONCLUSIONS

Given that no APECs were identified on the Site during the Phase One ESA, a Phase Two ESA is not recommended to be carried out at the Site at this time.

7.1 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that the Phase One Property is currently occupied by two residential buildings and is to be redeveloped with a multi-storey residential building, there will be no change in the land use from less sensitive to more sensitive. As such, there is no mandatory requirement for a RSC to be filed for the Site.

8.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Ontario Regulation 153/04 as amended	October 31, 2011
Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD.	2008
Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 219	2007
2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001	2010
Aerial Photographs – National Air Photo Library (Natural Resources Canada)	1938 and 1986
Aerial Photograph Images – geoOttawa (http://maps.ottawa.ca/geoOttawa/)	1928, 1958, 1965, 1976, 1991, 2005 and 2014
EcoLog ERIS report	January 8, 2017
Ontario Ministry of the Environment and Climate Change	January 10, 2017
Ministry of Natural Resources and Forestry	Pending response
Technical Standards and Safety Authority	January 4, 2017



9.0 LIMITATIONS AND USE OF REPORT

This report (the “Report”) was prepared for the exclusive use of 258-262 Carruthers APTS Ltd. for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. (“Golder”) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions of Golder’s proposal. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the Site was visited, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

10.0 STATEMENT OF COMPLETION

The undersigned confirm that this Phase One Environmental Site Assessment was conducted in a manner consistent with the expected standard of care for the consulting industry in Ontario and meets the requirements for Phase One ESAs as set out in O.Reg. 153/04, however this report has not been completed with the intent of filing a Record of Site Condition.



11.0 CLOSURE

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

GOLDER ASSOCIATES LTD.

Alyssa Troke

Alyssa Troke, B.Sc., E.I.T.
Environmental Consultant

Keith Holmes, M.Sc., P.Geo.
Geoscientist/Associate

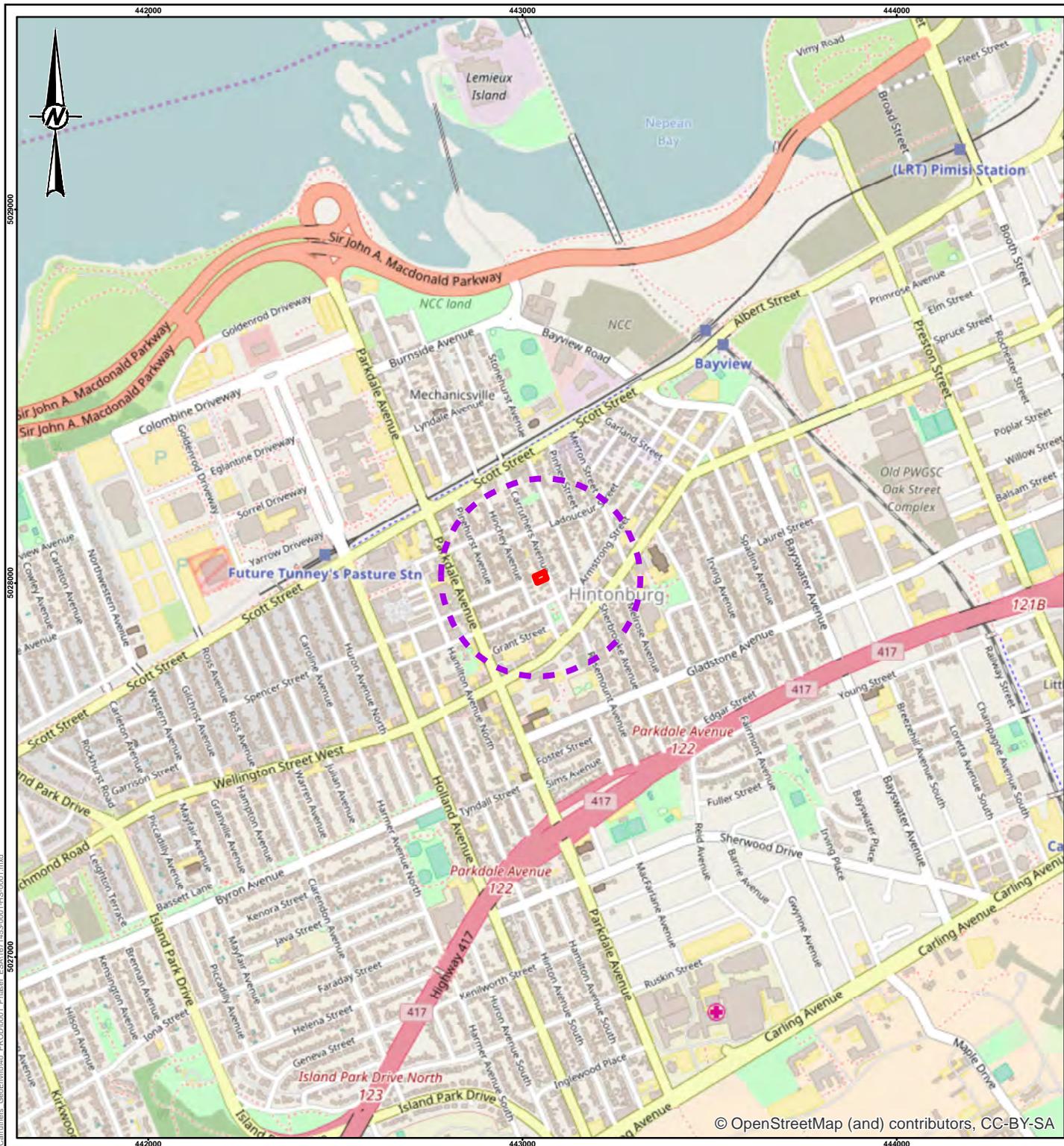
AT/KPH/hw

\\golder.gds\gal\ottawa\active\2016\3 proj\1671453 carruthers ph i esa geotech ottawa\phase i esa\final report\1671453-002-r-rev.0.docx

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FIGURES



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LEGEND

- PHASE ONE SITE
- PHASE ONE STUDY AREA



NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT

258-262 CARRUTHERS APTS LTD.

PROJECT

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

TITLE

KEY PLAN

CONSULTANT



YYYY-MM-DD 2017-01-03

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED KPH

PROJECT NO.
1671453

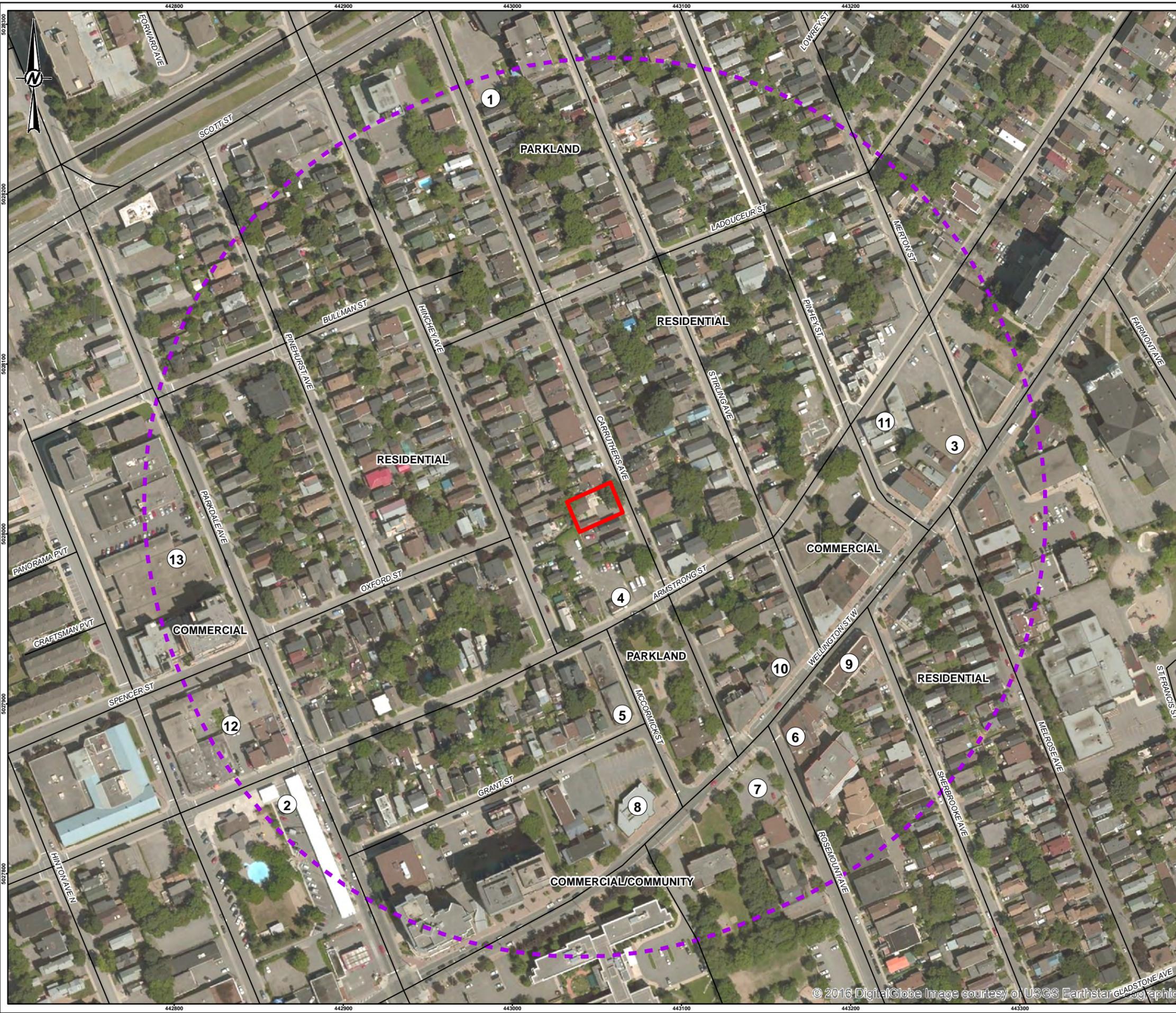
CONTROL
0001

REV.
0

FIGURE
1

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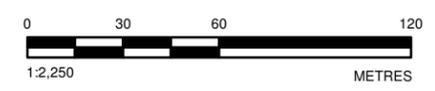
LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. BING IMAGERY SUPPLIED BY ESRI AND MICROSOFT © 2010 MICROSOFT CORPORATION AND ITS DATA SUPPLIERS
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES. © QUEENS PRINTER 2014
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28

Potentially Contaminating Activity (PCA)		
Location	Detail	PCA #
1	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a lumber yard located approximately 230 m northwest of the Site at 172 Caruthers Avenue.	59
2	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products – Former presence of a planing mill located approximately 220 m southwest of the Site at 366 Parkdale Avenue.	59
3	Commercial Autobody Shops and Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with four associated fuel USTs located at 106 Merton Street (formerly 1069 Wellington Street West); approximately 190 m east of the Site.	10, 28
4	Commercial Autobody Shops and Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an automotive garage with current and/or former fuel storage tank(s) located approximately 40 m south of the Site.	10, 28
5	Commercial Autobody Shops and Gasoline and Associated Products Storage in Fixed Tanks – Current presence of an automotive garage and an associated fuel UST located at 1 Grant Street; approximately 95 m south of the Site.	10, 28
6	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located approximately 165 m east of the Site at 1096 Wellington Street West.	28
7	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of an oil company and a retail fuel outlet with three associated fuel USTs located approximately 175 m southeast of the Site at 1130 Wellington Street West.	28
8	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of retail fuel outlet with two associated fuel USTs located at 1145 Wellington Street West (formerly 1149 Wellington Street West); approximately 130 m south of the Site.	28
9	Operation of Dry Cleaning Facility (where chemicals are used) – Current presence of a dry cleaning facility located approximately 155 m southeast of the Site at 4 Sherbrooke Avenue (formerly 1104 Wellington Street West).	37
10	Operation of Dry Cleaning Facility (where chemicals are used) – Former presence of a dry cleaning facility located at 1119 Wellington Street West; approximately 105 m southeast of the Site.	37
11	Mining, Smelting and Refining; Ore Processing; Tailing Storage – Former presence of a metal smelting and refining company located approximately 155 m east of the Site at 103 Pinhey Street.	35
12	Electronic and Computer Equipment Manufacturing - Current presence of an instrument manufacturing company located approximately 250 m west of the Site at the southwest corner of Spencer Street and Parkdale Avenue.	19
13	Former presence of a commercial printing shop located approximately 215 m west of the Site at 320 Parkdale Avenue (formerly 312 Parkdale Avenue).	28
N/A	Gasoline and Associated Products Storage in Fixed Tanks – Former and/or current presence of fuel oil storage tanks, likely ASTs (not shown on figure as this PCA is located at various locations within the Phase One Study Area).	28



CLIENT
 258-262 CARRUTHERS APTS LTD.

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

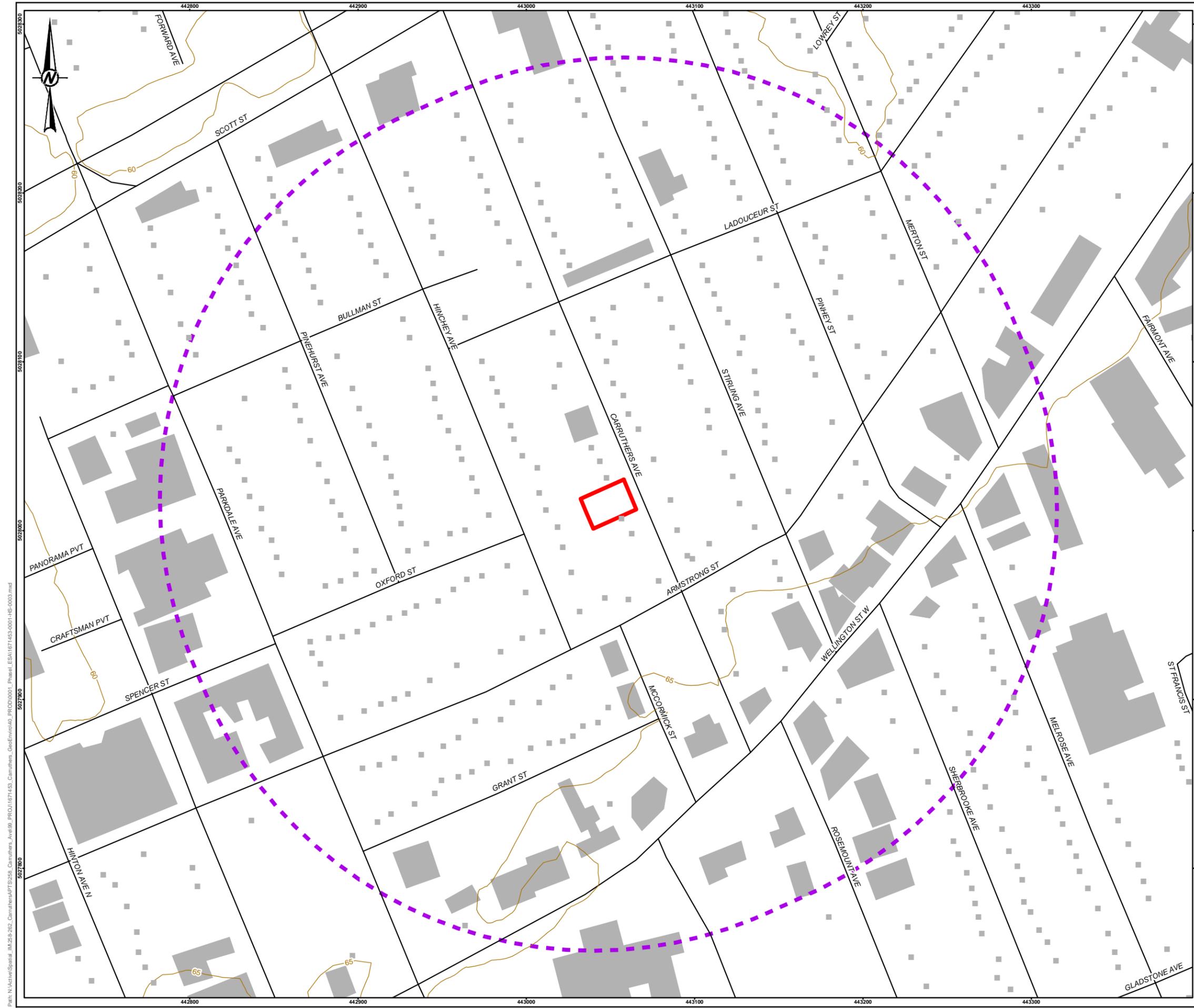
TITLE
SITE PLAN

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE 2

Path: N:\Projects\258-262_Carruthers\258-262_Carruthers_Apts\099_Plan\1671453_Carruthers_Phase1_ESA\1671453-0001-148-0002.mxd

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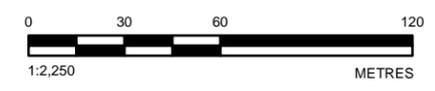


LEGEND

- BUILDING POINT
- TOPOGRAPHIC CONTOUR, metres
- ROADWAY
- BUILDING FOOTPRINT
- PHASE ONE SITE
- PHASE ONE STUDY AREA

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
 2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
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PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

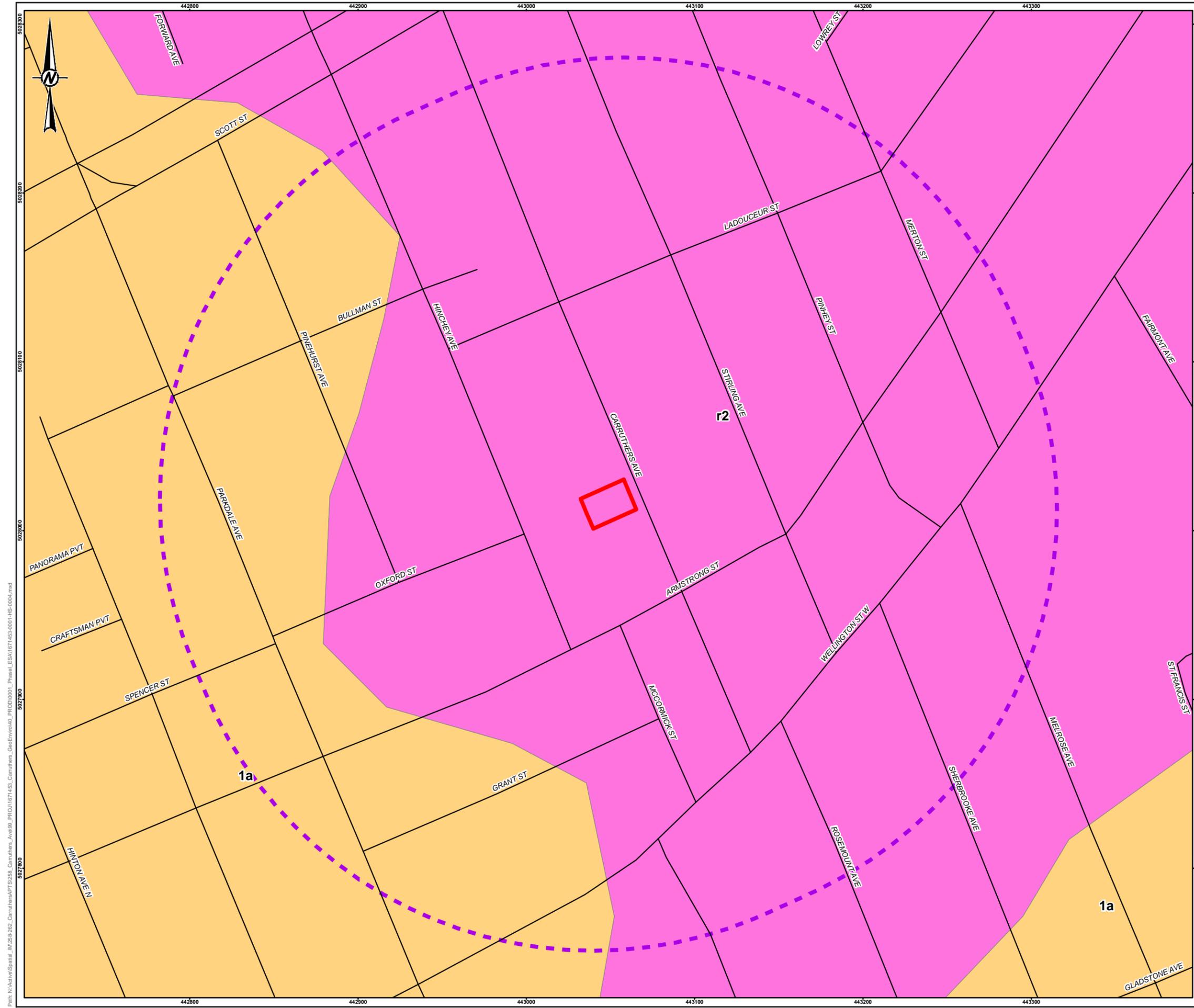
TITLE
TOPOGRAPHIC MAP AND AREAS OF NATURAL SIGNIFICANCE

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE **3**

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 297mm



LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 1a. TILL, PLAIN WITH LOCAL RELIEF <5 m
- r2. BEDROCK: LIMESTONE, DOLOMITE, SANDSTONE & LOCAL SHALE

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. BELANGER, J. R. 2008 URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE 5311, 1 DVD.
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
 258-262 CARRUTHERS APTS LTD.

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

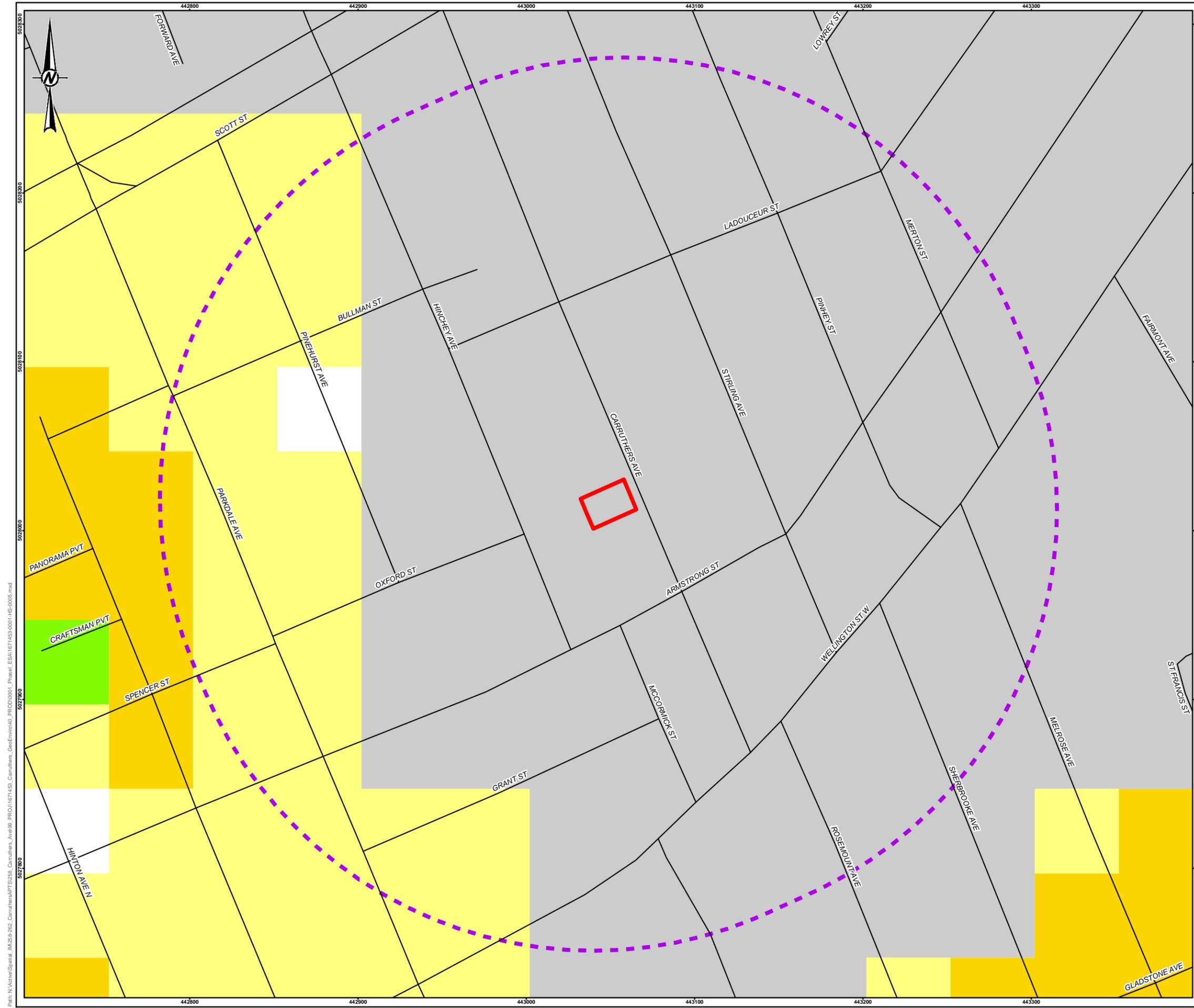
TITLE
SURFICIAL GEOLOGY

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE 4

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 297mm



LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA

TREND IN DEPTH TO BEDROCK (METRES)

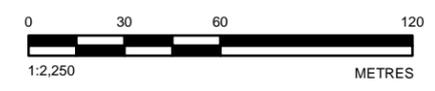
- 0 to 1
- 1 to 2
- 2 to 3
- 3 to 5
- 5 to 10
- 10 to 15
- 15 to 25
- 25 to 50
- 50 to 100
- 100 to 200

NOTE(S)

1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)

1. 2010 BELANGER, J. R., URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE D3256, 2001
2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
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PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

TITLE
DRIFT THICKNESS

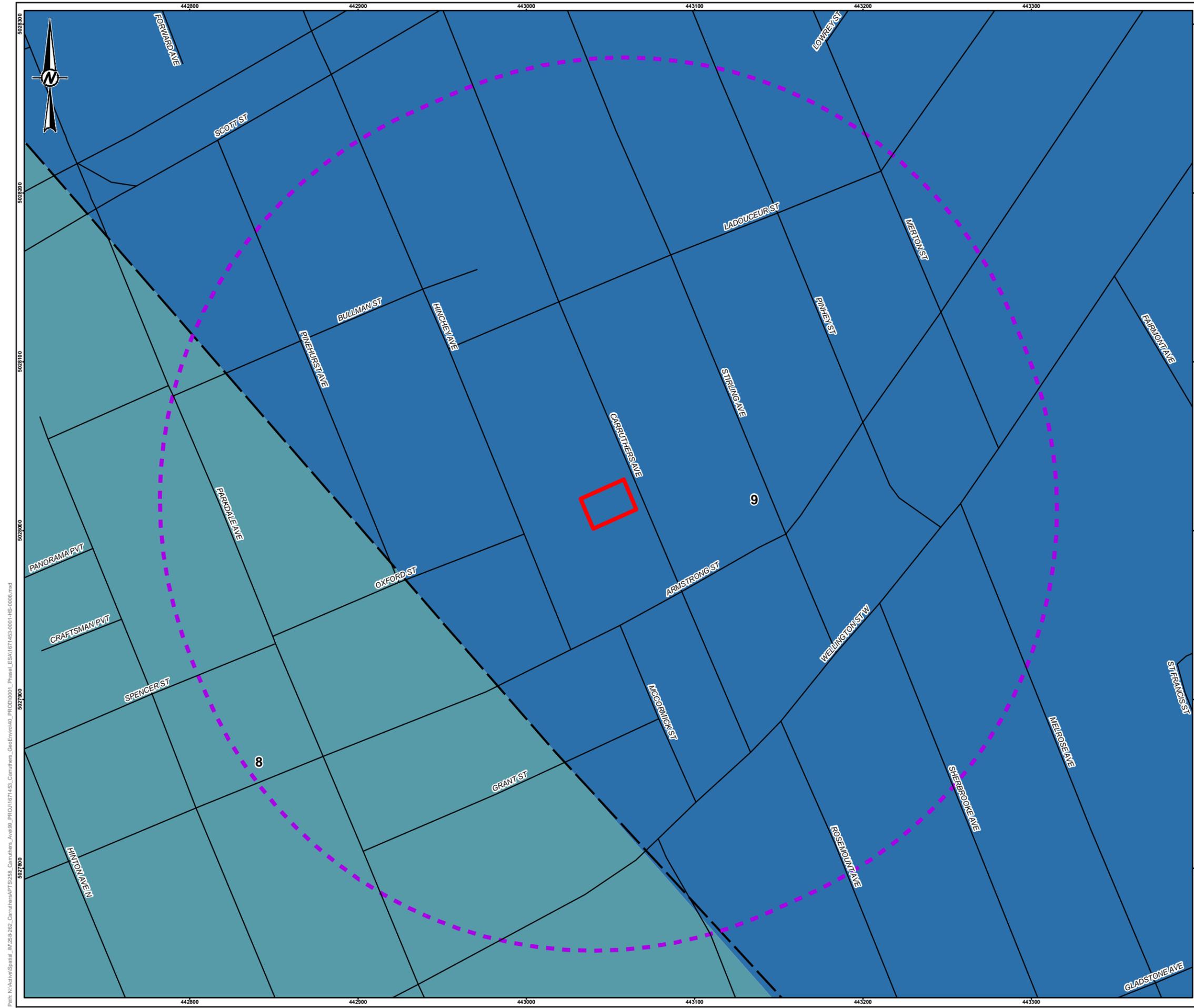
CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0

FIGURE **5**

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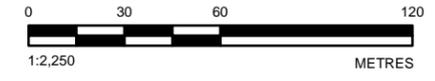


LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 9: BOBCAYGEON FORMATION - LIMESTONE, WITH MINOR SHALES IN UPPER PART
- 8: GULL RIVER FORMATION - LIMESTONE, WITH DOLOSTONE BEDS TOWARDS BASE

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. ARMSTRONG, D.K. AND DODGE, J.E.P. 2007. PALEOZOIC GEOLOGY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE--DATA 219
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
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PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

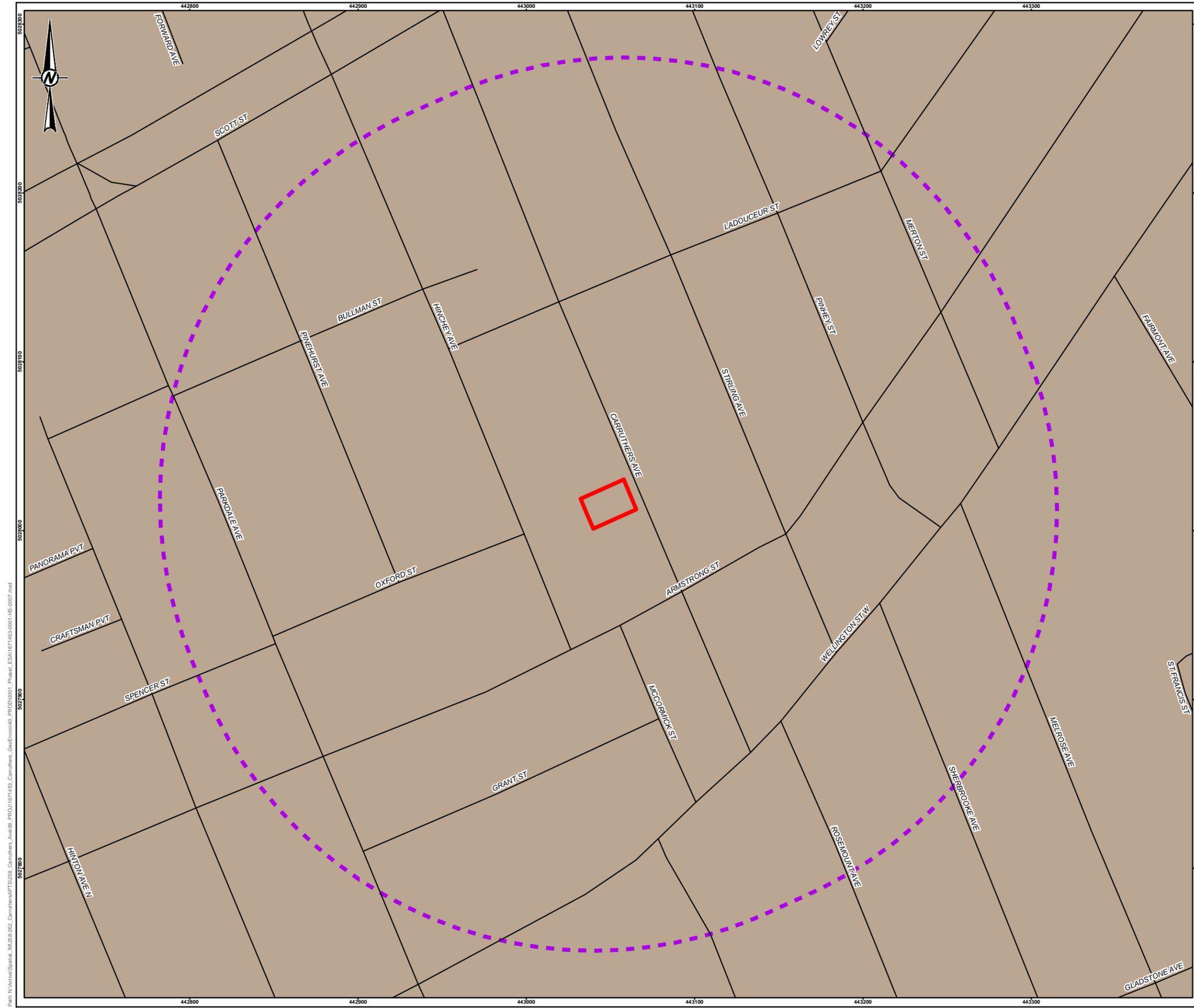
TITLE
BEDROCK GEOLOGY

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE 6

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 26mm

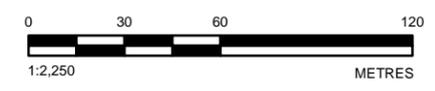


LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- URBAN

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
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PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

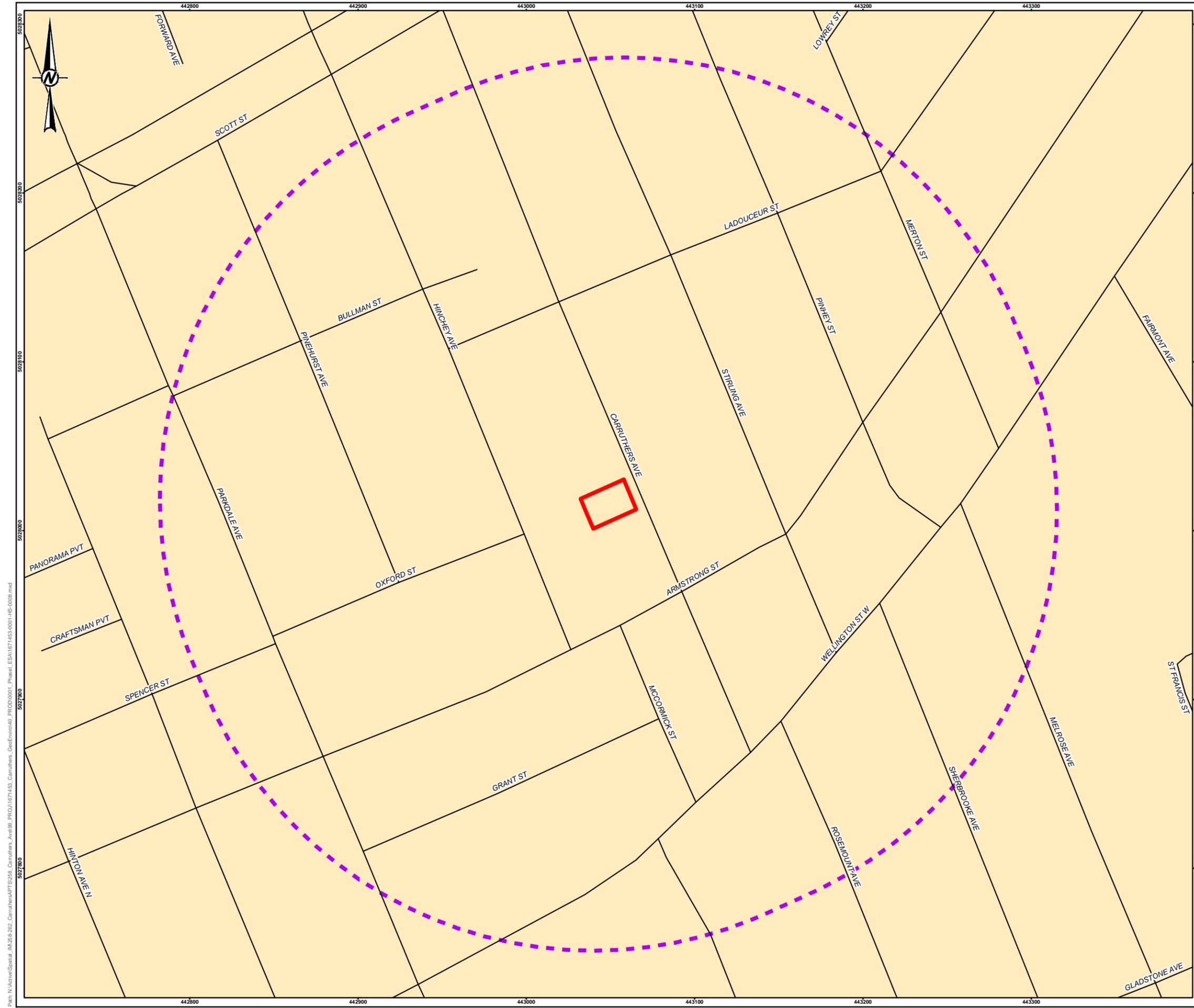
TITLE
SURVEY SOIL COMPLEX (ONTARIO SOILS)

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE 7

Path: N:\Vector\Spatial_Images\258_CarruthersApts\258_Carruthers_Apts\ESR1671453-0001-145-0007.mxd
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 26mm

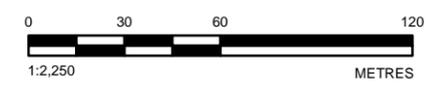


LEGEND

- ROADWAY
- PHASE ONE SITE
- PHASE ONE STUDY AREA
- 6: TILL PLAINS (DRUMLINIZED)

NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. CHAPMAN, L.J. AND PUTNAM, D.F. 2007. PHYSIOGRAPHY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE-DATA 228
 2. LAND INFORMATION ONTARIO (LIO) DATA PRODUCED BY GOLDER ASSOCIATES LTD. UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2014
 3. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: UTM ZONE 18, VERTICAL DATUM: CGVD28



CLIENT
 258-262 CARRUTHERS APTS LTD.

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

TITLE
 PHYSIOGRAPHY MAP

CONSULTANT	YYYY-MM-DD	2017-01-03
DESIGNED	----	
PREPARED	JEM	
REVIEWED	AT	
APPROVED	KPH	

PROJECT NO. 1671453 CONTROL 0001 REV. 0 FIGURE 8

Print: N:\Vector\Spatial_Images\258_262_CarruthersApts\ESR_258_Carruthers_Apts\ESR_258_Carruthers_Apts.mxd
 Path: N:\Vector\Spatial_Images\258_262_CarruthersApts\ESR_258_Carruthers_Apts\ESR_258_Carruthers_Apts.mxd
 Date: 2017-01-03 10:00:00 AM
 User: jkemmer

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 297mm



APPENDIX A

Regulatory Responses

From: Troke, Alyssa
Sent: January-03-17 12:26 PM
To: 'Desaulniers-Veilleux, Johanne (MOECC)'
Subject: Property Information Request for 258 Carruthers Avenue, Ottawa, Ontario

Hi Johanne,

Could you please check for approvals and orders for the following property:

- 258 Carruthers Avenue, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,

Alyssa Troke

Alyssa Troke (B.Eng., E.I.T.) | Environmental Consultant | **Golder Associates Ltd.**
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 (613) 592 9600 | **D:** +1 (613) 592 4299 | **F:** +1 (613) 592 9601 | **C:** +1 (613) 290 8736 | **E:**
Alyssa_Troke@golder.com | www.golder.com

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Ministry of the Environment
and Climate Change
Ottawa District Office
2430 Don Reid Drive, Suite 103
Ottawa Ontario
K1H 1E1
613-521-3450 or 1-800-860-2195
Fax: 613-521-5437

Ministère de l'Environnement et de
l'Action en matière de changement climatique
Bureau du district d'Ottawa
2430, promenade Don Reid, Unité 103
Ottawa (Ontario)
K1H 1E1
613-521-3450 ou 1-800-860-2195
Télec. : 613-521-5437



OTT File No: 1

INDEX REVIEW REPORT COMMERCIAL/INDUSTRIAL/AGRICULTURAL

Attention: Alyssa Troke Golder Associates	Your File: Date Received: January 3, 2018
--	--

Thank you for your inquiry requesting a search of records from the Ministry of the Environment and Climate Change (ministry). The ministry encourages you to use the available on-line resources to access publically-available information which may assist with your inquiry.

<u>PROPERTY OWNER AND LOCATION</u>		
Location:	Municipality:	Ottawa
	Address:	258 Carruthers Avenue
	Lot	Concession Township

<u>INDEX OF NAMES FOR ORDERS</u>
We have searched the <i>Ottawa</i> District Index Record of Active Orders under the Environmental Protection Act (EPA), Ontario Water Resources Act (OWRA) and the Pesticides Act (PA) issued to: and the following information has been found:
<input checked="" type="checkbox"/> No Active Orders are outstanding
Please Note: <i>For information related to any ministry Orders issued to the property in question, please request this information from the property owner. If you would like further information regarding a specific Order issued, please contact the Ottawa District Office.</i>
Date of Search: January 10, 2017

<u>RECORD OF SITE CONDITION</u>
For information on Records of Site Condition filed on the Environmental Site Registry since October 1, 2004, please use the following links: For records of site condition filed between October 1, 2004 and June 30, 2011 https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch , and for records of site condition filed since July 1, 2011 https://www.ontario.ca/environment-and-energy/records-site-condition

**INDEX REVIEW REPORT
COMMERCIAL/INDUSTRIAL/AGRICULTURAL**

INDEX OF NAMES FOR APPROVALS ISSUED SINCE 1999

A search of the Index Record of names of all persons to whom approvals have been issued, maintained by the Director, Approvals Branch and the Regional Director, *Eastern Region*, and the District Manager, *Ottawa District*, under Section 19 EPA and Section 13 OWRA and the following information has been provided :

<u>Type</u>	<u>Number</u>	<u>Issued To</u>	<u>Issue Date</u>
Section 9 EPA (Air)			
Section 39 EPA (Waste Management)			
Section 52 OWRA (Water)			
Section 53 OWRA (Municipal/Private/ Industrial Sewage)			
Other			

The **ministry's Access Environment** is an on-line, map-based search tool designed to allow the public, quick and easy access to the ministry approvals and registration information from December 1999 onward. Access Environment currently displays Environmental Compliance Approvals (ECA), Renewable Energy Approvals (REA) and registrations on the Environmental Activity and Sector Registry (EASR). ECAs include all Certificates of Approval (CofAs) previously issued under the Environmental Protection Act (EPA) and approvals previously issued under s.53 of the Ontario Water Resources Act (OWRA). You can access this information from the ministry website or at the following link:

www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en

Copies of **ECAs issued before January 1, 2000** can be obtained by submitting a Request for a Copy of an Environmental Compliance Approval

Please Note:

- 1) The information provided above is based solely on the address(es) and name(s) of the present and past owners provided by you.
- 2) The Index Record of Names to whom approvals have been issued, maintained by the Regional Director and District Manager, has been searched back to 1999.
- 3) A search of our records does **NOT** indicate whether there are:
 - other uses for which an approval may have been required, nor
 - other uses on the property or in the vicinity that may affect the suitability of the property, for the use proposed to be made of it.If a comprehensive knowledge of the property and the nearby lands and their environmental condition is required, you must examine them and other relevant records yourself, with the aid of a qualified person, if needed.

No Approvals have been issued.

Date of Search: January 10, 2017

**INDEX REVIEW REPORT
COMMERCIAL/INDUSTRIAL/AGRICULTURAL**

Additional site information related to the **location of landfill sites** in the province can be found at the following link:

<http://www.ontario.ca/environment-and-energy/small-landfill-sites>

<http://www.ontario.ca/environment-and-energy/map-large-landfill-sites>

The **ministry's Hazardous Waste Information Network (HWIN)** can also be accessed to search for information on generators, carriers, and receivers of subject waste in the province at the following link: www.hwin.ca

The **ministry's Environmental Compliance Reports** provide information about contaminant discharges to water and emissions to air that exceed limits found in legislation, environmental approvals, orders and/or policies/guidelines and can be accessed at the following link: <http://www.ontario.ca/environment-and-energy/environmental-compliance-reports>

Information on **Environmental Penalties**, which are monetary penalties that can be imposed by the ministry for some industrial spills, can be assessed at the following link: <https://www.ontario.ca/search/search-results?query=environmental%20penalties>

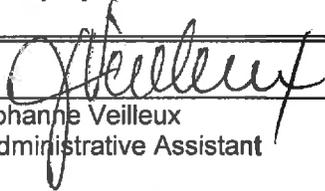
Additional ministry information can be accessed through the **Government of Ontario's Open Data Catalogue**: <http://www.ontario.ca/government/open-data-ontario>

The ministry also encourages you to consider best practices and standards of care used within the legal community and through your associations as a guide to obtaining information related to specific property for any legal purpose.

We trust this information will help meet your requirements quickly and effectively.

Please advise your colleagues that responses to requests for searches always take some time. As a result the Ministry of the Environment and Climate Change may not be able to meet deadlines imposed by other parties on real estate and other transactions.

Thank you for your inquiry.

Signature:	
Contact Name:	Johanne Veilleux
Title:	Administrative Assistant
Address:	Ministry of the Environment and Climate Change 2430 Don Reid Drive, Unit 103 Ottawa, ON K1H 1E1
Phone:	(613) 521-3450 Ext 221
Date:	January 10, 2017
	E&OE

Please Note: If you would like to receive an email with all the environmental links above, please contact me at johanne.veilleux@ontario.ca and I will be pleased to send them to you.



Natural Areas and Features Information Request Form

Contact Information

Name: _____

Address: _____

Phone Number: _____ Owner _____ Consultant _____

E-mail Address: _____

***All red fields are mandatory**

This includes X & Y Coordinates.

Please see _____ for assistance.

Site Information

Project Name: _____

Township: _____ Lot: _____ Concession: _____

X: _____ Y: _____ Address: _____

***If more than 1 site, please provide all individual coordinates in an attached spreadsheet*

Type of Proposal

- Severance / Zoning Drains / Roads / Culverts
 Hydroline clearing Small Scale Projects (less than 5 hectares)
 RE Projects Large Scale Projects (5 hectares or greater)
 Aggregate Project Other: _____

Attachments

*****Please attach a Site Map showing the area of interest**

- Picture Map(s) Engineered Drawings Other: _____

Request

I would like to request the following information for the property identified above:

To better respond to your request please briefly outline the purpose for which this information is required (e.g. proposed development, lot severance, etc. or attach details):

Date of works proposed: ____ / ____ / ____

Personal information contained in this form is collected in order to fulfill your request, respond to your inquiries and for other administration purposes. With regard to the personal information it collects, the ministry is bound by privacy protection rules under the Freedom of Information and Protection of Privacy Act and takes all necessary steps to safeguard personal information collected.

Please Note: This request MUST be made by the property owner or by someone acting on their behalf. Depending on the nature of the request, it may take 6-8 weeks to respond to your inquiry. If the request does not include the mandatory information, it may delay response time.

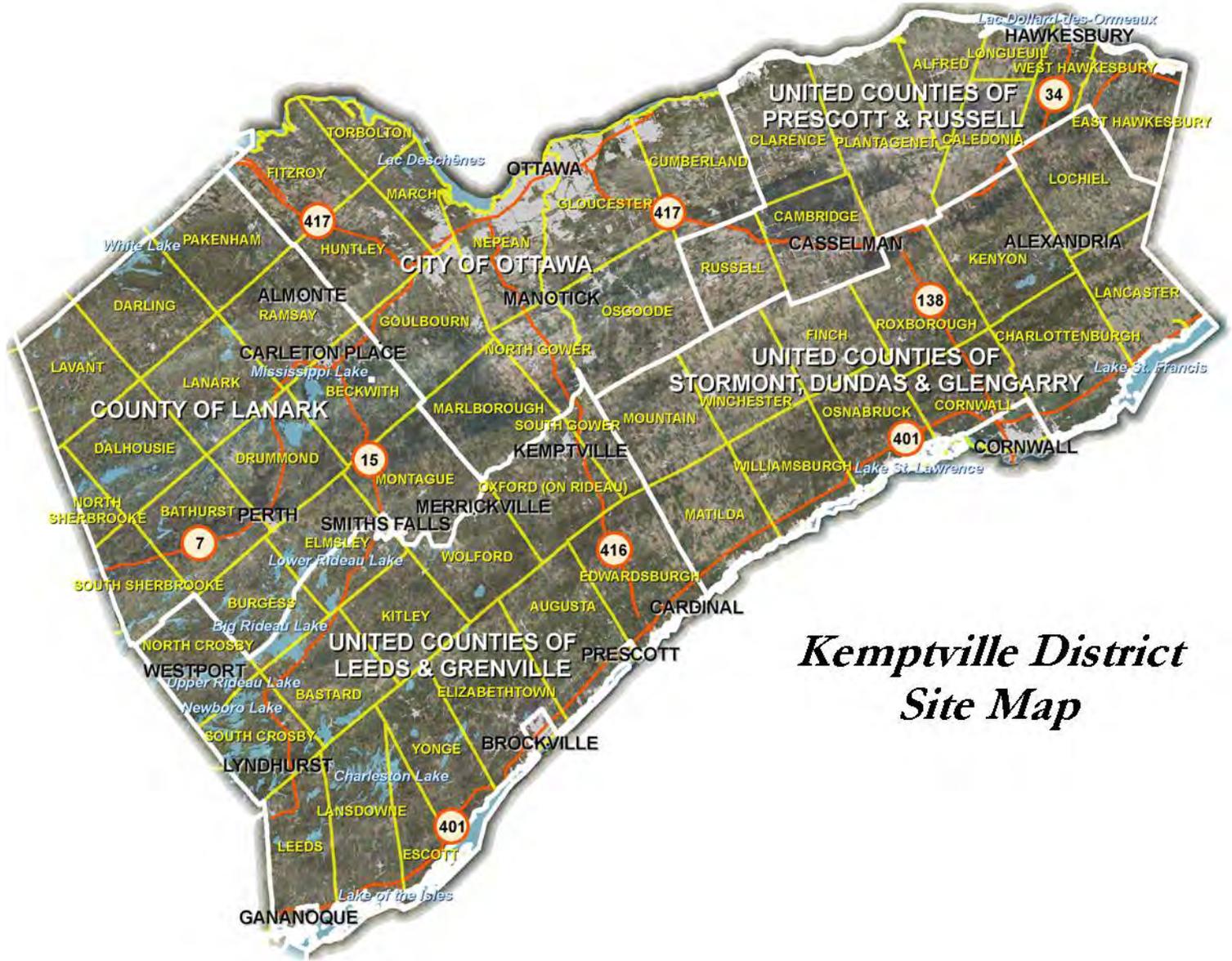
I have read the above and agree to all Terms and Conditions

Please forward the completed form to:

OR Fax: 613-258-3920

Attention: Information Requests
10 Campus Drive, Postal Bag 2002
Kempenville, ON K0G 1J0

MNR File Number: _____



Kemptville District Site Map

How to get X, Y coordinates from Google Maps (2 options):

- 1.) Right-click on the map, at the point of interest, and select 'What's here?'.
-The Latitude & Longitude of the mouse click, in decimal degrees, will automatically appear in the Search box.

OR

- 2.) Click on 'Maps Labs' in Google Maps.
-The following window will appear:

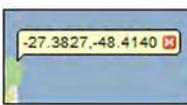
[Maps Labs](#) - [Help](#)
 Google Maps - ©2012 Google - [Terms of Use](#)



LatLng Tooltip
Marcelo C

Displays a tooltip next to the mouse cursor showing the latlng directly underneath it. Press SHIFT to activate tooltip.

Enable
 Disable



LatLng Marker
Marcelo C

Adds an option to the context menu that lets you drop a mini marker showing the latlng of the position that the cursor was pointing at when the context menu was evoked

Enable
 Disable

Important: To save your enabled Labs for next time, you must [sign in to your Google account.](#)

- Enable the LatLng Tooltip and then Save Changes.
- Now every time the **SHIFT** button is pressed in Google Maps, a Tool tip will appear with the Latitude and Longitude of the mouse location in decimal degrees.

From: Ruchi Chohan <rchohan@tssa.org> on behalf of Public Information Services <publicinformationservices@tssa.org>
Sent: January-04-17 9:14 AM
To: Troke, Alyssa
Subject: RE: TSSA Search - 258 Carruthers Avenue, Ottawa, Ontario

Hello Alyssa,

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a good day!

Ruchi



Ruchi Chohan | Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3417 | Fax: +1-416-231-4903 | E-Mail: rchohan@tssa.org

www.tssa.org



From: Troke, Alyssa [mailto:Alyssa_Troke@golder.com]
Sent: Wednesday, January 04, 2017 8:57 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Search - 258 Carruthers Avenue, Ottawa, Ontario

Hello,

Could you please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contaminations records for the following properties:

- 258 Carruthers Avenue, Ottawa, ON
- 256 Carruthers Avenue, Ottawa, ON
- 266 Carruthers Avenue, Ottawa, ON

- 294 Carruthers Avenue, Ottawa, ON
- 317 Hinchey Avenue, Ottawa, ON
- 329 Hinchey Avenue, Ottawa, ON
- 177 Armstrong Street, Ottawa, ON
- 1135 Wellington Street West, Ottawa, ON
- 123 Stirling Avenue Ottawa, ON
- 1 Grant Street, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,

Alyssa Troke

Alyssa Troke (B.Eng., E.I.T.) | Environmental Consultant | **Golder Associates Ltd.**

1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7

T: +1 (613) 592 9600 | **D:** +1 (613) 592 4362 | **F:** +1 (613) 592 9601 | **C:** +1 (613) 290 8736 | **E:**

Alyssa_Troke@golder.com | www.golder.com

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APPENDIX B

EcoLog ERIS Report, City Directories

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: *1671453 - 258 Carruthers Phase I ESA
258 Carruthers Ave
Ottawa ON K1Y1N9*

Project No:

Report Type: *Standard Report*

Order No: *20170103089*

Requested by: *Golder Associates Ltd.*

Date Completed: *January 9, 2017*

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 1671453 - 258 Carruthers Phase I ESA
258 Carruthers Ave Ottawa ON K1Y1N9

Project No:

Coordinates:

Latitude: 45.40334
Longitude: -75.727715
UTM Northing: 5,028,015.47
UTM Easting: 443,048.75
UTM Zone: UTM Zone 18T

Elevation: 212 FT
64.73 M

Order Information:

Order No: 20170103089
Date Requested: January 3, 2017
Requested by: Golder Associates Ltd.
Report Type: Standard Report

Historical/Products:

City Directory Search Subject Site plus 10 Adjacent Properties

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
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	15	15
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	21	21
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	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
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	19	19
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	2	2
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	2	2
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

Database	Name	Searched	Project Property	Within 0.25 km	Total
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
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	5	5
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	7	7
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	7	7
SPL	<i>Ontario Spills</i>	Y	0	17	17
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	16	16
Total:			0	113	113

Executive Summary: Site Report Summary - Project Property

<i>DB</i>	<i>Map Key</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

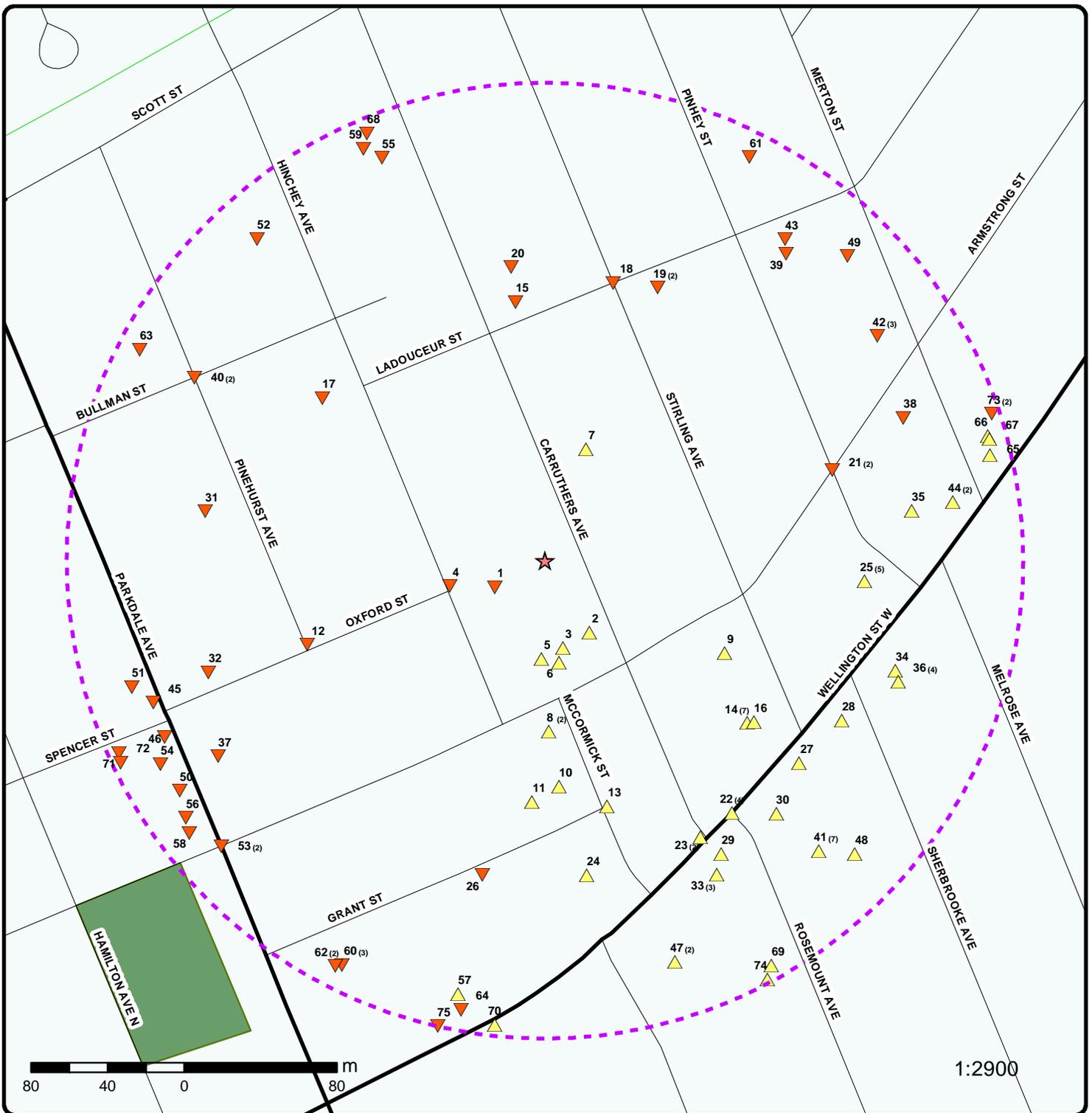
<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
BORE	48		ON	SE/223.0	3.87	15
CA	4	OTTAWA CITY - PARKDALE AVE./SPENCER ST.	OXFORD ST./HINCHEY ST. OTTAWA CITY ON	WSW/51.4	-0.57	15
CA	12	R.M. OF OTTAWA-CARLETON	PINEHURST AVE./OXFORD ST. OTTAWA ON	WSW/131.9	-2.03	15
CA	13		Grant Street and McCormick Avenue Ottawa ON	SSE/132.5	1.10	16
CA	18	City of Ottawa	Stirling Avenue and Ladouceur Avenue Ottawa ON	NNE/149.8	-0.83	16
CA	21	R.M. OF OTTAWA-CARLETON - HOLLAND AVE.	ARMSTRONG ST./PINHEY ST. OTTAWA CITY ON	ENE/157.6	-1.12	16
CA	22	OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	SE/164.1	3.15	17
CA	22	OTTAWA CITY	ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON	SE/164.1	3.15	17
CA	23	R.M. OF OTTAWA-CARLETON	CARRUTHERS AVE/WELLINGTON ST. OTTAWA CITY ON	SSE/165.8	2.86	17
CA	23	OTTAWA CITY	CARRUTHERS AVE./WELLINGTON ST. OTTAWA CITY ON	SSE/165.8	2.86	18
CA	28		1098 Wellington Street Ottawa ON K1Y 2Y7	ESE/176.2	2.63	18
CA	40	OTTAWA CITY - PARKDALE AVENUE	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	WNW/206.9	-3.61	18
CA	40	OTTAWA CITY - HINCHEY STREET	BULLMAN ST./PINEHURST ST. OTTAWA CITY ON	WNW/206.9	-3.61	19
CA	42	J. R. Clarke & Associates Ltd.	102 Merton St Ottawa ON K1Y 1V7	NE/209.7	-1.30	19
CA	53	OTTAWA CITY	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	SW/225.8	-2.65	19
CA	53	R.M. OF OTTAWA-CARLETON	PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON	SW/225.8	-2.65	19
EHS	3		177 Armstrong Ottawa ON	SSE/46.6	0.34	20
EHS	25		1085 Wellington St W Ottawa ON K1Y2Y4	E/167.5	1.83	20
EHS	30		1122 Wellington Street West Ottawa ON K1Y 2Y7	SE/179.3	3.49	20
EHS	33		1140 Wellington St Ottawa ON K1Y	SSE/187.3	2.99	20
EHS	34		1096 Wellington St Ottawa ON K1Y 2Y5	ESE/192.0	2.75	21
EHS	36		1096 Wellington St Ottawa ON	ESE/195.1	3.07	21
EHS	36		1096 Wellington St Ottawa ON	ESE/195.1	3.07	21

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
EHS	36		1096 Wellington Street Ottawa ON	ESE/195.1	3.07	21
EHS	36		1096 Wellington St W Ottawa ON K1Y2Y5	ESE/195.1	3.07	22
EHS	39		63 Pinhey St Ottawa ON K1Y1T5	NE/204.0	-1.96	22
EHS	41		11 Rosemount Ave. Ottawa ON K1Y 4R8	SE/208.5	4.74	22
EHS	41		11 Rosemount Avenue Ottawa ON K1Y 4R8	SE/208.5	4.74	22
EHS	41		11 Rosemount Avenue Ottawa ON K1Y 4R8	SE/208.5	4.74	23
EHS	42		102 Merton Street Ottawa ON K1Y 1V7	NE/209.7	-1.30	23
EHS	44		1065 Wellington Street Ottawa ON	E/215.4	0.81	23
EHS	44		1065 Wellington St W Ottawa ON K1Y2Y2	E/215.4	0.81	23
EHS	57		1161 Wellington St W Ottawa ON K1Y2Z1	SSW/231.1	0.05	24
EHS	64		1161-1171 Wellington Ave Ottawa ON	S/239.1	-0.05	24
EHS	65		1063 Wellington St Ottawa ON	ENE/239.1	0.51	24
EHS	68		178 Carruthers Ave Ottawa ON K1Y1N7	NNW/242.2	-1.85	24
EHS	70		1156 Wellington Street Ottawa ON	S/244.3	0.50	25
GEN	8	OTTAWA UPHOLSTERY	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	S/89.5	0.47	25
GEN	8	OTTAWA UPHOLSTERY INC	1 MCCORMICK STREET OTTAWA ON K1Y 1M4	S/89.5	0.47	25
GEN	14	BETTY BRITE CLEANERS	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	SE/135.5	2.97	25
GEN	14	BETTY BRITE CLEANERS(OUT OF BUSINESS)	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	SE/135.5	2.97	26
GEN	14	BETTY BRITE CLEANERS 05-119	1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6	SE/135.5	2.97	26
GEN	14	BETTY BRITE CLEANERS (OUT OF BUSINESS)	1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	SE/135.5	2.97	26
GEN	14	BELANGER CLEANERS	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	SE/135.5	2.97	27
GEN	14	BELANGER CLEANERS (OUT OF BUS)	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	SE/135.5	2.97	27
GEN	14	BELANGER CLEANERS (OUT OF BUS) 05-284	DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6	SE/135.5	2.97	27
GEN	27	BYBLOS CLEANERS	1104 WELLINGTON STREET OTTAWA ON K1Y 2Y7	SE/169.9	2.92	27
GEN	41	RICHMOND TECHNICAL SERVICES LTD.	ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUND AVENUE, SUITE 302 OTTAWA ON K1Y 4R8	SE/208.5	4.74	28

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
GEN	41	RICHMOND TECHNICAL SERVICES LTD.	11 ROSEMOUNT AVENUE,SUITE 302 ROSEMOUNT X-RAY & ULTRASOUND CLINIC OTTAWA ON K1Y 4R8	SE/208.5	4.74	28
GEN	41	RICHMOND TECHNICAL SERVICES LTD. 33-693	ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUND AVENUE, SUITE 302 OTTAWA ON K1Y 4R8	SE/208.5	4.74	28
GEN	41	RICHMOND TECHNICAL SERVICES	ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUNT AVENUE, SUITE 302 OTTAWA ON K1Y 1P3	SE/208.5	4.74	29
GEN	62	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON	SSW/238.5	-0.86	29
GEN	62	Rosemount Family Health Organization	Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4	SSW/238.5	-0.86	29
GEN	73	D & S Drugs	1059 Wellington Street Ottawa ON K1Y 2Y1	ENE/246.0	-0.71	30
GEN	73	D & S Drugs	1059 Wellington Street Ottawa ON	ENE/246.0	-0.71	30
GEN	74	Somerset West Community Health Centre Primary health	30 Rosemount Avenue, Ottawa ON K1Y1P4	SSE/248.1	4.53	30
HINC	33		1140 WELLINGTON STREET OTTAWA ON	SSE/187.3	2.99	31
HINC	35		1073 WELLINGTON STREET OTTAWA ON	E/193.6	0.21	31
INC	16		1119A WELLINGTON STREET, OTTAWA ON	SE/138.0	3.01	31
INC	33		1140 WELLINGTON STREET, OTTAWA ON	SSE/187.3	2.99	32
PES	11	HOLISTECH PEST CONTROL INC.	5 GRANT ST.; APT. #2 OTTAWA ON K1Y 2W8	S/126.3	0.74	33
PES	25	GIANT TIGER STORE # 10 - SALANA LIMITED	1085 WELLINGTON ST OTTAWA ON K1Y2Y4	E/167.5	1.83	33
PES	25	GIANT TIGER STORE # 10 - SAKANA LIMITED	1085 WELLINGTON ST W OTTAWA ON K1Y 2Y4	E/167.5	1.83	33
PES	25	GIANT TIGER STORE # 10 - SAKANA LIMITED	1085 WELLINGTON ST W OTTAWA ON K1Y 2Y4	E/167.5	1.83	33
PES	25	GIANT TIGER STORE # 10 - SAKANA LIMITED	1085 WELLINGTON STREET OTTAWA ON K1G6A9	E/167.5	1.54	33
PINC	2		276 CARRUTHERS AVE, OTTAWA ON	SSE/44.3	0.57	34
PINC	22		ROSEMOUNT AVE & WELLINGTON ST , OTTAWA ON	SE/164.1	3.14	34
PINC	43		50 LADOUCEUR STREET, OTTAWA ON	NE/209.7	-1.89	35
PINC	47		1140 WELLINGTON ST, OTTAWA ON	SSE/220.5	2.57	35
PINC	49		86 MERTON ST., OTTAWA ON	NE/224.4	-2.31	36
PINC	61		47 Pinhey Street, Ottawa ON	NNE/236.5	-1.99	37
PINC	66		1063 WELLINGTON ST W, OTTAWA ON	ENE/240.4	0.00	37

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
RSC	47		1140 WELLINGTON STREET WEST, OTTAWA, ON K1Y 2Z3	SSE/220.5	2.57	38
SCT	17	ENTRO BUILDING SYSTEMS INC.	286 HINCHEY AVE OTTAWA ON K1Y 1M2	NW/144.1	-1.93	38
SCT	42	Inflector Environmental Serv.	102 Merton St Ottawa ON K1Y 1V7	NE/209.7	-1.30	39
SCT	51	Canadian Criminal Justice Assn	320 Parkdale Ave Suite 101 Ottawa ON K1Y 4X9	WSW/225.7	-2.45	39
SCT	60	Myropen Publications Ltd.	383 Parkdale Ave Suite 402 Ottawa ON K1Y 4R4	SSW/236.4	-0.80	39
SCT	60	GEM Software Scheduling	383 Parkdale Av Suite 304 Ottawa ON K1Y 4R4	SSW/236.4	-0.80	39
SCT	69	INGENIUS ENGINEERING GROUP	30 ROSEMOUNT AVE SUITE 200 OTTAWA ON K1Y 1P4	SSE/242.6	4.55	40
SCT	75	Merge Business Solutions	1165 Wellington St W Ottawa ON K1Y 2Y9	SSW/249.9	-0.01	40
SPL	1	City of Ottawa	329 Hinchey St Ottawa ON	WSW/29.8	-0.36	40
SPL	7	PRIVATE OWNER	243 CARRUTHERS, OUTSIDE STOVE OIL TANK STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N8	NNE/62.3	0.29	40
SPL	9	S. 21	124 Stirling Ave Ottawa ON K1Y 1R3	ESE/105.9	0.80	41
SPL	10		1 Grant Street Ottawa ON K1Y 2W8	S/118.3	0.90	41
SPL	15	CONTRACTOR	66 LADOUCEUR, AT THE CORNER OF STERLING (N.O.S.) OTTAWA CITY ON K1Y 2T6	N/136.1	-0.90	41
SPL	19	PRIVATE RESIDENCE	65 STERLING AVE. FURNACE OIL TANK OTTAWA CITY ON	NNE/154.4	-0.75	42
SPL	19	PRIVATE RESIDENCE	65 STIRLING AVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Y 1P9	NNE/154.4	-0.75	42
SPL	20	PRIVATE RESIDENCE	215 CARRUTHERS AVE FURNACE OIL TANK OTTAWA CITY ON K1Y 1N6	N/154.5	-0.79	42
SPL	21	RYDER TRUCK RENTAL CANADA LTD.	CORNER OF PENNY ST & ARMSTRONG ST. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON	ENE/157.6	-1.12	43
SPL	22	Enbridge Gas Distribution Inc.	Rosemount & Wellington Ottawa ON	SE/164.1	3.15	43
SPL	24		@ McCormick St. Ottawa ON K1Y 2Y9	S/165.8	2.26	43
SPL	31	PRIVATE RESIDENCE	20 PINEHURST AVE. FURNACE OIL TANK OTTAWA CITY ON K1Y 1K3	W/179.6	-1.57	44
SPL	52	PRIVATE RESIDENCE	252 HENCHEY FURNACE OIL TANK OTTAWA CITY ON	NW/225.8	-2.06	44
SPL	55	PRIVATE OWNER	188 CARRUTHERS STREET STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N7	NNW/227.3	-1.56	45
SPL	60	UNKNOWN	OFFICE BLDG AT 383 PARKDALE AVE IN THE SUMP PUMP HOLES IN PARKING GARAGE OTTAWA CITY ON K1Y 4R4	SSW/236.4	-0.80	45
SPL	63	PRIVATE RESIDENCE	RESIDENCE AT 50 PINEHURST OWNED BY MR. MCCARTHY (722-7298) FURNACE OIL TANK	WNW/238.7	-2.39	45

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			OTTAWA CITY ON K1Y 1K4			
SPL	67	Enbridge Gas Distribution Inc.	closest address is 1063 Wellington St W Ottawa ON	ENE/240.9	0.14	46
WWIS	5		OTTAWA ON	S/51.5	0.16	46
WWIS	6		OTTAWA ON	S/54.0	0.29	48
WWIS	26		OTTAWA ON	SSW/167.7	-0.36	50
WWIS	29		ON	SSE/179.1	3.04	53
WWIS	32		ON	WSW/185.2	-1.78	55
WWIS	37		ON	WSW/199.1	-1.61	57
WWIS	38		OTTAWA ON	ENE/201.5	-0.98	59
WWIS	45		ON	WSW/217.9	-2.43	61
WWIS	46		ON	WSW/219.2	-2.57	63
WWIS	50		ON	WSW/225.6	-2.25	65
WWIS	54		ON	WSW/227.2	-2.37	66
WWIS	56		ON	SW/230.9	-2.66	68
WWIS	58		ON	SW/234.1	-2.61	70
WWIS	59		ON	NNW/235.4	-1.67	72
WWIS	71		ON	WSW/244.4	-2.90	73
WWIS	72		ON	WSW/245.6	-2.89	74



Map : 0.25 Kilometer Radius

Order No: 20170103089

Address: 258 Carruthers Ave, Ottawa, ON, K1Y1N9



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



Aerial

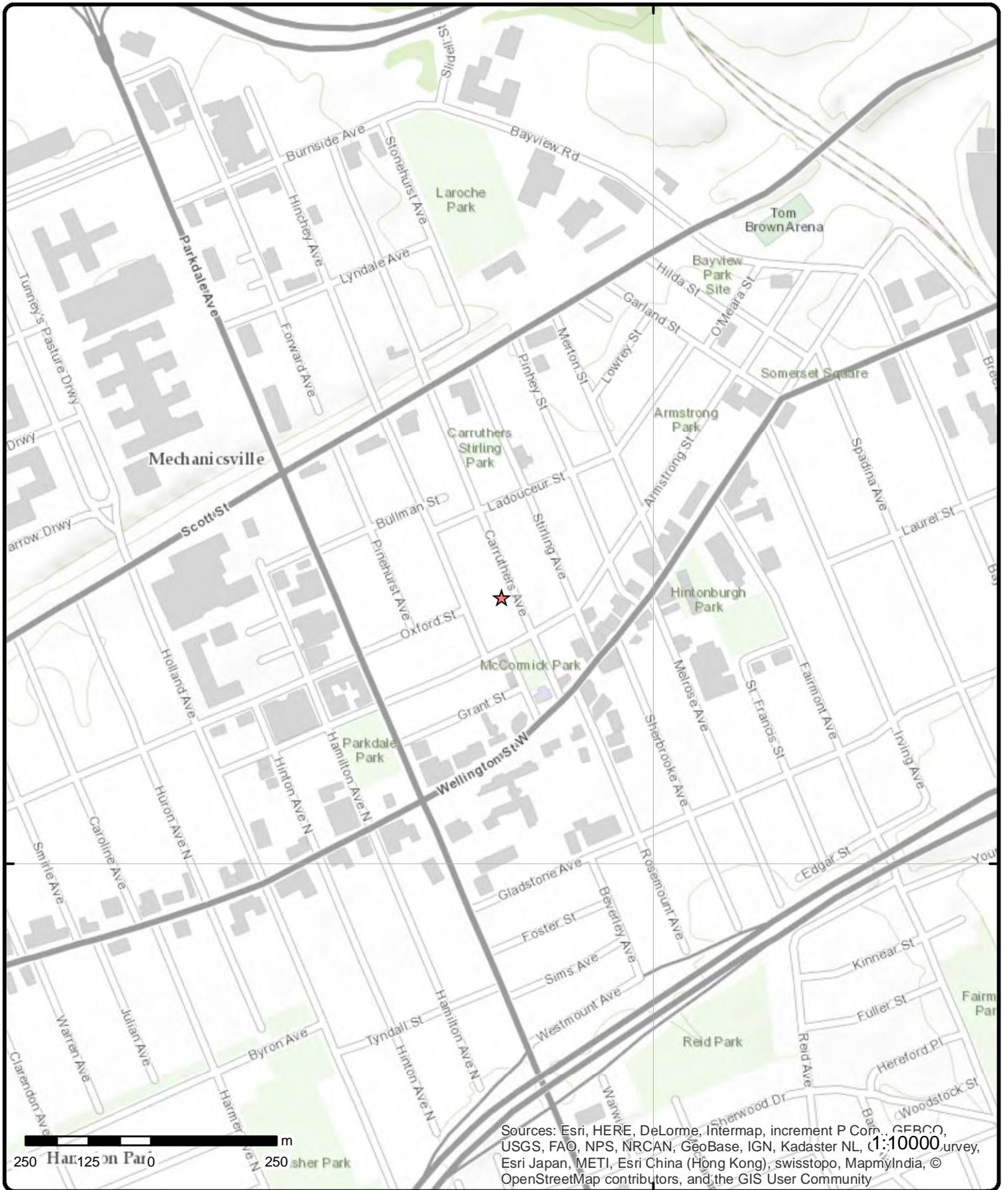
Address: 258 Carruthers Ave, Ottawa, ON, K1Y1N9

Source: ESRI World Imagery

Order No: 20170103089



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

Topographic Map

Address: 258 Carruthers Ave, Ottawa, ON, K1Y1N9

Source: ESRI World Topographic Map

Order No: 20170103089



© ERIS Information Limited Partnership

Detail Report

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		
BORE	48	1 of 1	SE/223.0	68.6	ON		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Borehole ID: 613099 Use: Drill Method:: Easting:: 443211 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 4.6 Township:: Lot:: Completion Date:: APR-1966 Primary Water Use:: </td> <td style="width: 50%; vertical-align: top;"> Type: Borehole Status:: UTM Zone:: 18 Northing:: 5027862 Orig. Ground Elev m:: 67.1 DEM Ground Elev m:: 67.6 Primary Name:: Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use:: </td> </tr> </table>						Borehole ID: 613099 Use: Drill Method:: Easting:: 443211 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 4.6 Township:: Lot:: Completion Date:: APR-1966 Primary Water Use::	Type: Borehole Status:: UTM Zone:: 18 Northing:: 5027862 Orig. Ground Elev m:: 67.1 DEM Ground Elev m:: 67.6 Primary Name:: Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use::
Borehole ID: 613099 Use: Drill Method:: Easting:: 443211 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 4.6 Township:: Lot:: Completion Date:: APR-1966 Primary Water Use::	Type: Borehole Status:: UTM Zone:: 18 Northing:: 5027862 Orig. Ground Elev m:: 67.1 DEM Ground Elev m:: 67.6 Primary Name:: Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use::						
--Details--							
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Stratum ID: 218393710 Bottom Depth(m): 1.2 Stratum ID: 218393711 Bottom Depth(m): 2.3 Stratum ID: 218393712 Bottom Depth(m): 3.5 Stratum ID: 218393713 Bottom Depth(m): 4.6 </td> <td style="width: 50%; vertical-align: top;"> Top Depth(m): 0.0 Stratum Desc: BEDROCK. Top Depth(m): 1.2 Stratum Desc: BEDROCK. Top Depth(m): 2.3 Stratum Desc: BEDROCK. Top Depth(m): 3.5 Stratum Desc: BEDROCK. ENSE. SAND-FINE. LOOSE. UNSPECIFIED. LOOSE. UNSPECIFIED. DENSE. 00025011000350 </td> </tr> </table>						Stratum ID: 218393710 Bottom Depth(m): 1.2 Stratum ID: 218393711 Bottom Depth(m): 2.3 Stratum ID: 218393712 Bottom Depth(m): 3.5 Stratum ID: 218393713 Bottom Depth(m): 4.6	Top Depth(m): 0.0 Stratum Desc: BEDROCK. Top Depth(m): 1.2 Stratum Desc: BEDROCK. Top Depth(m): 2.3 Stratum Desc: BEDROCK. Top Depth(m): 3.5 Stratum Desc: BEDROCK. ENSE. SAND-FINE. LOOSE. UNSPECIFIED. LOOSE. UNSPECIFIED. DENSE. 00025011000350
Stratum ID: 218393710 Bottom Depth(m): 1.2 Stratum ID: 218393711 Bottom Depth(m): 2.3 Stratum ID: 218393712 Bottom Depth(m): 3.5 Stratum ID: 218393713 Bottom Depth(m): 4.6	Top Depth(m): 0.0 Stratum Desc: BEDROCK. Top Depth(m): 1.2 Stratum Desc: BEDROCK. Top Depth(m): 2.3 Stratum Desc: BEDROCK. Top Depth(m): 3.5 Stratum Desc: BEDROCK. ENSE. SAND-FINE. LOOSE. UNSPECIFIED. LOOSE. UNSPECIFIED. DENSE. 00025011000350						
CA	4	1 of 1	WSW/51.4	64.2	OTTAWA CITY - PARKDALE AVE./SPENCER ST. OXFORD ST./HINCHEY ST. OTTAWA CITY ON		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Certificate #: 3-0970-91- Application Year: 91 Issue Date: 7/10/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control:: </td> <td style="width: 50%;"></td> </tr> </table>						Certificate #: 3-0970-91- Application Year: 91 Issue Date: 7/10/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::	
Certificate #: 3-0970-91- Application Year: 91 Issue Date: 7/10/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::							
CA	12	1 of 1	WSW/131.9	62.7	R.M. OF OTTAWA-CARLETON PINEHURST AVE./OXFORD ST. OTTAWA ON		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	<u>22</u>	1 of 4	SE/164.1	67.9	OTTAWA CITY ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON
Certificate #: 3-0366-93- Application Year: 93 Issue Date: 4/23/1993 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	<u>22</u>	2 of 4	SE/164.1	67.9	OTTAWA CITY ROSEMOUNT AVE./WELLINGTON ST. OTTAWA CITY ON
Certificate #: 7-0298-93- Application Year: 93 Issue Date: 4/23/1993 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	<u>23</u>	1 of 2	SSE/165.8	67.6	R.M. OF OTTAWA-CARLETON CARRUTHERS AVE/WELLINGTON ST. OTTAWA CITY ON
Certificate #: 7-0537-95- Application Year: 95 Issue Date: 6/28/1995 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address::					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	<u>23</u>	2 of 2	SSE/165.8	67.6	OTTAWA CITY CARRUTHERS AVE./WELLINGTON ST. OTTAWA CITY ON
Certificate #: 3-0713-95-006 Application Year: 95 Issue Date: 2/9/96 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	<u>28</u>	1 of 1	ESE/176.2	67.4	1098 Wellington Street Ottawa ON K1Y 2Y7
Certificate #: 4816-4J7RHY Application Year: 00 Issue Date: 4/11/00 Approval Type: Municipal & Private sewage Status: Approved Application Type: New Certificate of Approval Client Name:: 1098 Wellington Ltd. Client Address:: 500-100 Spark Street Client City:: Ottawa Client Postal Code:: K1P 5B7 Project Description:: Construction of a stormwater management facility to service a new building and parking lot. Contaminants:: Emission Control::					
CA	<u>40</u>	1 of 2	WNW/206.9	61.1	OTTAWA CITY - PARKDALE AVENUE BULLMAN ST./PINEHURST ST. OTTAWA CITY ON
Certificate #: 3-0870-91- Application Year: 91 Issue Date: 6/21/1991 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
CA	40	2 of 2	WNW/206.9	61.1	OTTAWA CITY - HINCHEY STREET BULLMAN ST./PINEHURST ST. OTTAWA CITY ON
Certificate #: 7-0698-91- Application Year: 91 Issue Date: 6/21/1991 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	42	1 of 3	NE/209.7	63.4	J. R. Clarke & Associates Ltd. 102 Merton St Ottawa ON K1Y 1V7
Certificate #: 6397-7E5J8K Application Year: 2008 Issue Date: 5/2/2008 Approval Type: Waste Management Systems Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	53	1 of 2	SW/225.8	62.1	OTTAWA CITY PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON
Certificate #: 3-0775-99- Application Year: 99 Issue Date: 7/14/1999 Approval Type: Municipal sewage Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
CA	53	2 of 2	SW/225.8	62.1	R.M. OF OTTAWA-CARLETON PARKDALE AVE/ARMSTRONG ST. OTTAWA CITY ON
Certificate #: 7-0521-99-					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Application Year: 99					
Issue Date: 7/14/1999					
Approval Type: Municipal water					
Status: Approved					
Application Type:					
Client Name::					
Client Address::					
Client City::					
Client Postal Code::					
Project Description::					
Contaminants::					
Emission Control::					

EHS	<u>3</u>	1 of 1	SSE/46.6	65.1	177 Armstrong Ottawa ON
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.: 20140429104					
Addit. Info Ordered:: City Directory					
Report Date: 08-MAY-14					
Report Type: Standard Report					
Search Radius (km): .25					

EHS	<u>25</u>	1 of 5	E/167.5	66.6	1085 Wellington St W Ottawa ON K1Y2Y4
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.: 20130808025					
Addit. Info Ordered::					
Report Date: 15-AUG-13					
Report Type: Custom Report					
Search Radius (km): .25					

EHS	<u>30</u>	1 of 1	SE/179.3	68.2	1122 Wellington Street West Ottawa ON K1Y 2Y7
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.: 20120712014					
Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans					
Report Date: 23-JUL-12					
Report Type: Standard Report					
Search Radius (km): .25					

EHS	<u>33</u>	1 of 3	SSE/187.3	67.7	1140 Wellington St Ottawa ON K1Y
Postal Code:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
City: Address2: Address1: Provstate: Order No.: 20120328025 Addit. Info Ordered:: Report Date: 4/4/2012 1:43:50 PM Report Type: Custom Report Search Radius (km): 0.25					

EHS	<u>34</u>	1 of 1	ESE/192.0	67.5	1096 Wellington St Ottawa ON K1Y 2Y5
Postal Code: City: Address2: Address1: Provstate: Order No.: 20020923015 Addit. Info Ordered:: Report Date: 9/27/02 Report Type: Site Report Search Radius (km): 0.25					

EHS	<u>36</u>	1 of 4	ESE/195.1	67.8	1096 Wellington St Ottawa ON
Postal Code: City: Address2: Address1: Provstate: Order No.: 20050725020 Addit. Info Ordered:: Report Date: 7/26/2005 Report Type: Basic Report Search Radius (km): 0.25					

EHS	<u>36</u>	2 of 4	ESE/195.1	67.8	1096 Wellington St Ottawa ON
Postal Code: City: Address2: Address1: Provstate: Order No.: 20100513030 Addit. Info Ordered:: Report Date: 5/14/2010 Report Type: Custom Report Search Radius (km): 0.25					

EHS	<u>36</u>	3 of 4	ESE/195.1	67.8	1096 Wellington Street Ottawa ON
Postal Code: City: Address2: Address1:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Provstate: Order No.: 20120508047 Addit. Info Ordered:: Report Date: 5/11/2012 Report Type: Standard Report Search Radius (km): 0.25					
EHS	<u>36</u>	4 of 4	ESE/195.1	67.8	1096 Wellington St W Ottawa ON K1Y2Y5
Postal Code: K1Y2Y5 City: Ottawa Address2: Address1: 1096 Wellington St W Provstate: ON Order No.: 20141119012 Addit. Info Ordered:: Report Date: 25-NOV-14 Report Type: Standard Report Search Radius (km): .25					
EHS	<u>39</u>	1 of 1	NE/204.0	62.8	63 Pinhey St Ottawa ON K1Y1T5
Postal Code: City: Address2: Address1: Provstate: Order No.: 20130917024 Addit. Info Ordered:: Report Date: 26-SEP-13 Report Type: Standard Report Search Radius (km): .25					
EHS	<u>41</u>	1 of 7	SE/208.5	69.5	11 Rosemount Ave. Ottawa ON K1Y 4R8
Postal Code: City: Address2: Address1: Provstate: Order No.: 20010501005 Addit. Info Ordered:: Report Date: 5/8/01 Report Type: Complete Report Search Radius (km): 0.25					
EHS	<u>41</u>	2 of 7	SE/208.5	69.5	11 Rosemount Avenue Ottawa ON K1Y 4R8
Postal Code: City: Address2: Address1: Provstate: Order No.: 20060612005 Addit. Info Ordered:: Fire Insur. Maps and/or Site Plans					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Report Date:		6/20/2006			
Report Type:		Complete Report			
Search Radius (km):		0.25			

EHS	<u>41</u>	3 of 7	SE/208.5	69.5	11 Rosemount Avenue Ottawa ON K1Y 4R8
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070402012			
Addit. Info Ordered::					
Report Date:		4/12/2007			
Report Type:		CAN - Complete Report			
Search Radius (km):		0.25			

EHS	<u>42</u>	2 of 3	NE/209.7	63.4	102 Merton Street Ottawa ON K1Y 1V7
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070507014			
Addit. Info Ordered::					
Report Date:		5/16/2007			
Report Type:		CAN - Complete Report			
Search Radius (km):		0.25			

EHS	<u>44</u>	1 of 2	E/215.4	65.5	1065 Wellington Street Ottawa ON
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070409008			
Addit. Info Ordered::					
Report Date:		4/17/2007			
Report Type:		CAN - Custom Report			
Search Radius (km):		0.25			

EHS	<u>44</u>	2 of 2	E/215.4	65.5	1065 Wellington St W Ottawa ON K1Y2Y2
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20140311062			
Addit. Info Ordered::					
Report Date:		17-MAR-14			
Report Type:		Custom Report			
Search Radius (km):		.25			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
EHS	<u>57</u>	1 of 1	SSW/231.1	64.8	1161 Wellington St W Ottawa ON K1Y2Z1
Postal Code:		K1Y2Z1			
City:		Ottawa			
Address2:					
Address1:		1161 Wellington St W			
Provstate:		ON			
Order No.:		20150130067			
Addit. Info Ordered::					
Report Date:		05-FEB-15			
Report Type:		Custom Report			
Search Radius (km):		.25			
EHS	<u>64</u>	1 of 1	S/239.1	64.7	1161-1171 Wellington Ave Ottawa ON
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070322011			
Addit. Info Ordered::		Fire Insur. Maps And /or Site Plans			
Report Date:		3/30/2007			
Report Type:		CAN - Custom Report			
Search Radius (km):		0.25			
EHS	<u>65</u>	1 of 1	ENE/239.1	65.2	1063 Wellington St Ottawa ON
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20070116009			
Addit. Info Ordered::					
Report Date:		1/24/2007			
Report Type:		CAN - Complete Report			
Search Radius (km):		0.25			
EHS	<u>68</u>	1 of 1	NNW/242.2	62.9	178 Carruthers Ave Ottawa ON K1Y1N7
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20140304049			
Addit. Info Ordered::		Fire Insur. Maps and/or Site Plans; Title Searches; City Directory			
Report Date:		13-MAR-14			
Report Type:		Standard Select Report			
Search Radius (km):		.25			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
EHS	<u>70</u>	1 of 1	S/244.3	65.2	1156 Wellington Street Ottawa ON

Postal Code:
City:
Address2:
Address1:
Provstate:
Order No.: 20140612002
Addit. Info Ordered::
Report Date: 20-JUN-14
Report Type: Standard Report
Search Radius (km): .25

GEN	<u>8</u>	1 of 2	S/89.5	65.2	OTTAWA UPHOLSTERY 1 MCCORMICK STREET OTTAWA ON K1Y 1M4
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PO Box Num:
Status:
Country:
Generator #: ON2687200
Approval Yrs:: 01
SIC Code: 6213
SIC Description: FURN. REFINISHING

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

GEN	<u>8</u>	2 of 2	S/89.5	65.2	OTTAWA UPHOLSTERY INC 1 MCCORMICK STREET OTTAWA ON K1Y 1M4
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PO Box Num:
Status:
Country:
Generator #: ON2687200
Approval Yrs:: 02,03,04
SIC Code:
SIC Description:

--Details--
Waste Code: 145
Waste Description: PAINT/PIGMENT/COATING RESIDUES

GEN	<u>14</u>	1 of 7	SE/135.5	67.7	BETTY BRITE CLEANERS 1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6
-----	-----------	--------	----------	------	--

PO Box Num:
Status:
Country:
Generator #: ON0318804
Approval Yrs:: 86,87,88,89,90
SIC Code: 9721
SIC Description: POWER LAUND./CLEANERS

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--Details--					
		241			
		Waste Description: HALOGENATED SOLVENTS			
GEN	14	2 of 7	SE/135.5	67.7	BETTY BRITE CLEANERS(OUT OF BUSINESS) 1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON0318804					
Approval Yrs.: 92,93,95,96,97					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANER					
--Details--					
		241			
		Waste Description: HALOGENATED SOLVENTS			
GEN	14	3 of 7	SE/135.5	67.7	BETTY BRITE CLEANERS 05-119 1119 WELLINGTON STREET C/O 218 LAURIER AVENUE EAST OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON0318804					
Approval Yrs.: 94					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANER					
--Details--					
		241			
		Waste Description: HALOGENATED SOLVENTS			
GEN	14	4 of 7	SE/135.5	67.7	BETTY BRITE CLEANERS (OUT OF BUSINESS) 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON0318804					
Approval Yrs.: 98					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANERS					
--Details--					
		241			
		Waste Description: HALOGENATED SOLVENTS			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
GEN	<u>14</u>	5 of 7	SE/135.5	67.7	BELANGER CLEANERS DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON1066800					
Approval Yrs.: 88					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANER					
--Details--					
Waste Code: 241					
Waste Description: HALOGENATED SOLVENTS					

GEN	<u>14</u>	6 of 7	SE/135.5	67.7	BELANGER CLEANERS (OUT OF BUS) DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON1066800					
Approval Yrs.: 89,90					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANER					
--Details--					
Waste Code: 241					
Waste Description: HALOGENATED SOLVENTS					

GEN	<u>14</u>	7 of 7	SE/135.5	67.7	BELANGER CLEANERS (OUT OF BUS) 05-284 DANLAM HOLDINGS INC. 1119 WELLINGTON STREET OTTAWA ON K1Y 2Y6
PO Box Num:					
Status:					
Country:					
Generator #: ON1066800					
Approval Yrs.: 92,93,94,95,96,97,98					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANER					

GEN	<u>27</u>	1 of 1	SE/169.9	67.7	BYBLOS CLEANERS 1104 WELLINGTON STREET OTTAWA ON K1Y 2Y7
PO Box Num:					
Status:					
Country:					
Generator #: ON2184900					
Approval Yrs.: 96,97,98,99,00,01					
SIC Code: 9721					
SIC Description: POWER LAUND./CLEANERS					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--Details--					
		241			
		Waste Description: HALOGENATED SOLVENTS			
GEN	<u>41</u>	4 of 7	SE/208.5	69.5	RICHMOND TECHNICAL SERVICES LTD. ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUNT AVENUE, SUITE 302 OTTAWA ON K1Y 4R8
PO Box Num:					
Status:					
Country:					
Generator #: ON0869120					
Approval Yrs.: 90					
SIC Code: 8682					
SIC Description: RADIOLOGICAL LAB.					
--Details--					
		264			
		Waste Description: PHOTOPROCESSING WASTES			
GEN	<u>41</u>	5 of 7	SE/208.5	69.5	RICHMOND TECHNICAL SERVICES LTD. 11 ROSEMOUNT AVENUE, SUITE 302 ROSEMOUNT X-RAY & ULTRASOUND CLINIC OTTAWA ON K1Y 4R8
PO Box Num:					
Status:					
Country:					
Generator #: ON0869120					
Approval Yrs.: 92,93,97,98					
SIC Code: 8682					
SIC Description: RADIOLOGICAL LAB.					
--Details--					
		264			
		Waste Description: PHOTOPROCESSING WASTES			
GEN	<u>41</u>	6 of 7	SE/208.5	69.5	RICHMOND TECHNICAL SERVICES LTD. 33-693 ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUNT AVENUE, SUITE 302 OTTAWA ON K1Y 4R8
PO Box Num:					
Status:					
Country:					
Generator #: ON0869120					
Approval Yrs.: 94,95,96					
SIC Code: 8682					
SIC Description: RADIOLOGICAL LAB.					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--Details--					
		264			
		Waste Description: PHOTOPROCESSING WASTES			
GEN	<u>41</u>	7 of 7	SE/208.5	69.5	RICHMOND TECHNICAL SERVICES ROSEMOUNT X-RAY & ULTRASOUND CLINIC 11 ROSEMOUNT AVENUE, SUITE 302 OTTAWA ON K1Y 1P3
		PO Box Num:			
		Status:			
		Country:			
		ON0869120	Generator #:		
		99,00,01,02,03,04	Approval Yrs.:		
		8682	SIC Code:		
		SIC Description: RADIOLOGICAL LAB.			
--Details--					
		264			
		Waste Description: PHOTOPROCESSING WASTES			
GEN	<u>62</u>	1 of 2	SSW/238.5	63.9	Rosemount Family Health Organization Suite 309 - 383 Parkdale Avenue Ottawa ON
		PO Box Num:			
		Status:			
		Country:			
		ON3346215	Generator #:		
		As of May 2015	Approval Yrs.:		
			SIC Code:		
		SIC Description:			
--Details--					
		312			
		Waste Description: Pathological wastes			
GEN	<u>62</u>	2 of 2	SSW/238.5	63.9	Rosemount Family Health Organization Suite 309 - 383 Parkdale Avenue Ottawa ON K1Y 4R4
		PO Box Num:			
		Registered	Status:		
		Canada	Country:		
		ON3346215	Generator #:		
		As of Sep 2016	Approval Yrs.:		
			SIC Code:		
		SIC Description:			
--Details--					
		312 P			
		Waste Description: Pathological wastes			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
GEN	73	1 of 2	ENE/246.0	64.0	D & S Drugs 1059 Wellington Street Ottawa ON K1Y 2Y1
PO Box Num: Status: Country: Generator #: ON8292023 Approval Yrs:: 07,08 SIC Code: 446110 SIC Description: Pharmacies and Drug Stores					
--Details--					
Waste Code: 261					
Waste Description: PHARMACEUTICALS					
Waste Code: 312					
Waste Description: PATHOLOGICAL WASTES					
GEN	73	2 of 2	ENE/246.0	64.0	D & S Drugs 1059 Wellington Street Ottawa ON
PO Box Num: Status: Country: Generator #: ON8292023 Approval Yrs:: 2009 SIC Code: 446110 SIC Description: Pharmacies and Drug Stores					
--Details--					
Waste Code: 312					
Waste Description: PATHOLOGICAL WASTES					
Waste Code: 261					
Waste Description: PHARMACEUTICALS					
GEN	74	1 of 1	SSE/248.1	69.3	Somerset West Community Health Centre Primary health 30 Rosemount Avenue, Ottawa ON K1Y1P4
PO Box Num: Status: Registered Country: Canada Generator #: ON8518202 Approval Yrs:: As of Sep 2016 SIC Code: SIC Description:					
--Details--					
Waste Code: 312 P					
Waste Description: Pathological wastes					
Waste Code: 261 A					
Waste Description: Pharmaceuticals					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
HINC	33	2 of 3	SSE/187.3	67.7	1140 WELLINGTON STREET OTTAWA ON
External File Num: Date of Occurrence: Fuel Occurrence Type: Fuel Type Involved: Status Desc:: Job Type Desc:: Oper. Type Involved:: Service Interruptions:: Property Damage:: Fuel Life Cycle Stage:: Root Cause:: Reported Details:: Fuel Category:: Occurrence Type:: Affiliation:: County Name:: Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst.: Approx. Quant. Unit:: Environmental Impact::		FS INC 0906-03239 Pending Level 1 Occurrence Investigation Incident/Near-Miss Occurrence (FS) Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

HINC	35	1 of 1	E/193.6	64.9	1073 WELLINGTON STREET OTTAWA ON
External File Num: Date of Occurrence: Fuel Occurrence Type: Fuel Type Involved: Status Desc:: Job Type Desc:: Oper. Type Involved:: Service Interruptions:: Property Damage:: Fuel Life Cycle Stage:: Root Cause:: Reported Details:: Fuel Category:: Occurrence Type:: Affiliation:: County Name:: Approx. Quant. Rel:: Nearby body of water:: Enter Drainage Syst.: Approx. Quant. Unit:: Environmental Impact::		FS INC 0906-03522 Pending Level 1 Occurrence Investigation Incident/Near-Miss Occurrence (FS) Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Ottawa			

INC	16	1 of 1	SE/138.0	67.7	1119A WELLINGTON STREET, OTTAWA ON
Incident ID: Incident Number: Attribute Category: Status Code: Incident Location: Drainage System: Sub Surface Contam.: Aff. Prop. Use Water: Contam. Migrated:		2392728 241390 FS-Incident Causal Analysis Complete 1119A WELLINGTON STREET, OTTAWA - 1" PIPELINE HIT			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Regulator Location: Regulator Type: Operation Pressure: Occurrence Narrative: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac.: Liquid Prop Notes:		Outside Service Regulator (up to 60 psi intake) 60			
PES	11	1 of 1	S/126.3	65.5	HOLISTECH PEST CONTROL INC. 5 GRANT ST.; APT. #2 OTTAWA ON K1Y 2W8
Detail Licence No.: Licence Type:		Operator			
PES	25	2 of 5	E/167.5	66.6	GIANT TIGER STORE # 10 - SALANA LIMITED 1085 WELLINGTON ST OTTAWA ON K1Y2Y4
Detail Licence No.: Licence Type:		Limited Vendor			
PES	25	3 of 5	E/167.5	66.6	GIANT TIGER STORE # 10 - SAKANA LIMITED 1085 WELLINGTON ST W OTTAWA ON K1Y 2Y4
Detail Licence No.: Licence Type:		Vendor			
PES	25	4 of 5	E/167.5	66.6	GIANT TIGER STORE # 10 - SAKANA LIMITED 1085 WELLINGTON ST W OTTAWA ON K1Y 2Y4
Detail Licence No.: Licence Type:		23-01-13506-0 LIMITED			
PES	25	5 of 5	E/167.5	66.3	GIANT TIGER STORE # 10 - SAKANA LIMITED 1085 WELLINGTON STREET OTTAWA ON K1G6A9
Detail Licence No.: Licence Type:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
PINC	<u>2</u>	1 of 1	SSE/44.3	65.3	276 CARRUTHERS AVE, OTTAWA ON
Incident ID: Tank Status: RC Established Attribute Category: FS-Perform P-line Inc Invest Task Number: 6291727 Type: FS-Pipeline Incident Incident Number: 1924890 Status Code: Pipeline Damage Reason Est Summary: 276 CARRUTHERS AVE, OTTAWA - PIPELINE HIT - 1/2" Spills Action Centre: Reported By: Bernie Monette - ENBRIDGE Affiliation: Method Details: E-mail Fuel Category: Natural Gas Fuel Occurrence Type: Date of Occurrence: Occurrence Start Date: 2016/08/18 Health Impact: Occurrence Desc: Environment Impact: Property Damage: Yes Service Interrupt: Fuel Type: Enforce Policy: Yes Operation Type: Damage Reason: Excavation practices not sufficient Public Relation: Pipeline System: Pipeline Type: Depth: Pipe Material: Regulator Location: PSIG: Regulator Type: Notes:					

PINC	<u>22</u>	3 of 4	SE/164.1	67.9	ROSEMOUNT AVE & WELLINGTON ST , OTTAWA ON
Incident ID: Tank Status: RC Established Attribute Category: FS-Perform P-line Inc Invest Task Number: 5450302 Type: FS-Pipeline Incident Incident Number: 1619954 Status Code: Pipeline Damage Reason Est Summary: ROSEMOUNT AVE & WELLINGTON ST , OTTAWA - PIPELINE HIT - 2" Spills Action Centre: Reported By: Todd Stiles - ENBRIDGE Affiliation: Method Details: E-mail Fuel Category: Natural Gas Fuel Occurrence Type: Date of Occurrence: Occurrence Start Date: 2015/04/17 Health Impact: Occurrence Desc: Environment Impact: Property Damage: Yes Service Interrupt: Fuel Type:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<i>Enforce Policy:</i>		Yes			
<i>Operation Type:</i>					
<i>Damage Reason:</i>		Excavation practices not sufficient			
<i>Public Relation:</i>					
<i>Pipeline System:</i>					
<i>Pipeline Type:</i>					
<i>Depth:</i>					
<i>Pipe Material:</i>					
<i>Regualtor Location:</i>					
<i>PSIG:</i>					
<i>Regulator Type:</i>					
<i>Notes:</i>					

PINC	<u>43</u>	1 of 1	NE/209.7	62.8	50 LADOUCEUR STREET, OTTAWA ON
<i>Incident ID:</i>					
<i>Tank Status:</i>		RC Established			
<i>Attribute Category:</i>		FS-Perform P-line Inc Invest			
<i>Task Number:</i>		4200122			
<i>Type:</i>		FS-Pipeline Incident			
<i>Incident Number:</i>		957820			
<i>Status Code:</i>		Pipeline Damage Reason Est			
<i>Summary:</i>		50 LADOUCEUR STREET, OTTAWA - 1/2" PIPELINE HIT			
<i>Spills Action Centre:</i>					
<i>Reported By:</i>		Jeff.Stiles@enbridge.com			
<i>Affiliation:</i>					
<i>Method Details:</i>		E-mail			
<i>Fuel Category:</i>		Natural Gas			
<i>Fuel Occurrence Type:</i>					
<i>Date of Occurrence:</i>					
<i>Occurrence Start Date:</i>		2013/02/27			
<i>Health Impact:</i>					
<i>Occurrence Desc:</i>					
<i>Environment Impact:</i>					
<i>Property Damage:</i>		Yes			
<i>Service Interupt:</i>					
<i>Fuel Type:</i>					
<i>Enforce Policy:</i>		Yes			
<i>Operation Type:</i>					
<i>Damage Reason:</i>		Excavation practices not sufficient			
<i>Public Relation:</i>					
<i>Pipeline System:</i>					
<i>Pipeline Type:</i>					
<i>Depth:</i>					
<i>Pipe Material:</i>					
<i>Regualtor Location:</i>					
<i>PSIG:</i>					
<i>Regulator Type:</i>					
<i>Notes:</i>					

PINC	<u>47</u>	1 of 2	SSE/220.5	67.3	1140 WELLINGTON ST, OTTAWA ON
<i>Incident ID:</i>					
<i>Tank Status:</i>		RC Established			
<i>Attribute Category:</i>		FS-Perform P-line Inc Invest			
<i>Task Number:</i>		5457801			
<i>Type:</i>		FS-Pipeline Incident			
<i>Incident Number:</i>		1623476			
<i>Status Code:</i>		Pipeline Damage Reason Est			
<i>Summary:</i>		1140 WELLINGTON ST, OTTAWA - PIPELINE HIT 2"			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Spills Action Centre:					
Reported By:		Jeff StileS - Enbridge Gas			
Affiliation:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Fuel Occurrence Type:					
Date of Occurrence:					
Occurrence Start Date:		2015/04/23			
Health Impact:					
Occurrence Desc:					
Environment Impact:					
Property Damage:		Yes			
Service Interupt:					
Fuel Type:					
Enforce Policy:		Yes			
Operation Type:					
Damage Reason:		Excavation practices not sufficient			
Public Relation:					
Pipeline System:					
Pipeline Type:					
Depth:					
Pipe Material:					
Regualtor Location:					
PSIG:					
Regulator Type:					
Notes:					

PINC

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1 of 1

NE/224.4

62.4

86 MERTON ST., OTTAWA
ON

Incident ID:		RC Established			
Tank Status:		FS-Perform P-line Inc Invest			
Attribute Category:		4693154			
Task Number:		FS-Pipeline Incident			
Type:		1269436			
Incident Number:		Pipeline Damage Reason Est			
Status Code:		86 MERTON ST., OTTAWA - PIPELINE HIT 1 1/4"			
Summary:					
Spills Action Centre:					
Reported By:		ryan.noble@enbridge.com			
Affiliation:					
Method Details:		E-mail			
Fuel Category:		Natural Gas			
Fuel Occurrence Type:					
Date of Occurrence:					
Occurrence Start Date:		2013/11/19			
Health Impact:					
Occurrence Desc:					
Environment Impact:					
Property Damage:		Yes			
Service Interupt:					
Fuel Type:					
Enforce Policy:		Yes			
Operation Type:					
Damage Reason:		Excavation practices not sufficient			
Public Relation:					
Pipeline System:					
Pipeline Type:					
Depth:					
Pipe Material:					
Regualtor Location:					
PSIG:					
Regulator Type:					
Notes:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
PINC	61	1 of 1	NNE/236.5	62.7	47 Pinhey Street, Ottawa ON

Incident ID:
Tank Status: RC Established
Attribute Category: FS-Perform P-line Inc Invest
Task Number: 4177322
Type: FS-Pipeline Incident
Incident Number: 945404
Status Code: Pipeline Damage Reason Est
Summary: 47 Pinhey Street, Ottawa - 1/2" Pipeline Hit
Spills Action Centre:
Reported By: Jeff.Stiles@enbridge.com
Affiliation:
Method Details: E-mail
Fuel Category: Natural Gas
Fuel Occurrence Type:
Date of Occurrence:
Occurrence Start Date: 2013/02/27
Health Impact:
Occurrence Desc:
Environment Impact:
Property Damage: Yes
Service Interupt:
Fuel Type:
Enforce Policy: Yes
Operation Type:
Damage Reason: Excavation practices not sufficient
Public Relation:
Pipeline System:
Pipeline Type:
Depth:
Pipe Material:
Regualtor Location:
PSIG:
Regulator Type:
Notes:

PINC	66	1 of 1	ENE/240.4	64.7	1063 WELLINGTON ST W, OTTAWA ON
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Incident ID:
Tank Status: RC Established
Attribute Category: FS-Perform P-line Inc Invest
Task Number: 4715099
Type: FS-Pipeline Incident
Incident Number: 1284816
Status Code: Pipeline Damage Reason Est
Summary: 1063 WELLINGTON ST W, OTTAWA - PIPELINE HIT - 1"
Spills Action Centre:
Reported By: Scott Parrington - Enbridge
Affiliation:
Method Details: E-mail
Fuel Category: Natural Gas
Fuel Occurrence Type:
Date of Occurrence:
Occurrence Start Date: 2014/01/09
Health Impact:
Occurrence Desc:
Environment Impact:
Property Damage: Yes
Service Interupt:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Fuel Type: Enforce Policy: Yes Operation Type: Damage Reason: Excavation practices not sufficient Public Relation: Pipeline System: Pipeline Type: Depth: Pipe Material: Regulator Location: PSIG: Regulator Type: Notes:					

RSC	<u>47</u>	2 of 2	SSE/220.5	67.3	1140 WELLINGTON STREET WEST, OTTAWA, ON K1Y 2Z3 ON
Date Submitted: 3/22/2016 Date Acknowledg.: Date Returned: Certification Date: RSC Type: Phase 1 and 2 RSC Soil Type: Restoration Type: Registration #:: 221548 Stratified (Y/N):: Criteria:: Consultant:: District Office:: Ottawa District Office Intended Prop Use:: Current Property Use:: Certificate Prop Use #:: Applicable Standards:: Property Municipal Address:: 1140 WELLINGTON STREET WEST, OTTAWA, ON K1Y 2Z3 Legal Description:: Prop. Identification #:: Entire legal prop. (y/n):: UTM Coordinates:: Latitude & Longitude:: Accuracy Estimate:: Measurement Method:: CPU Issued Sect 1686::					

SCT	<u>17</u>	1 of 1	NW/144.1	62.8	ENTRO BUILDING SYSTEMS INC. 286 HINCHEY AVE OTTAWA ON K1Y 1M2
Established: 1988 Plant Size (ft²): 2300 Employment: 5 --Details-- Description: MILLWORK SIC/NAICS Code: 2431 Description: GLASS PRODUCTS, MADE OF PURCHASED GLASS SIC/NAICS Code: 3231 Description: HARDWARE, NOT ELSEWHERE CLASSIFIED SIC/NAICS Code: 3429					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
<hr/>					
Description:		METAL DOORS, SASH, FRAMES, MOLDING, AND TRIM			
SIC/NAICS Code:		3442			
Description:		Wood Window and Door Manufacturing			
SIC/NAICS Code:		321911			
Description:		Glass Product Manufacturing from Purchased Glass			
SIC/NAICS Code:		327215			
Description:		Metal Window and Door Manufacturing			
SIC/NAICS Code:		332321			
Description:		Hardware Manufacturing			
SIC/NAICS Code:		332510			
<hr/>					
SCT	<u>42</u>	3 of 3	NE/209.7	63.4	Inflector Environmental Serv. 102 Merton St Ottawa ON K1Y 1V7
Established:		01-DEC-94			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Remediation Services			
SIC/NAICS Code:		562910			
<hr/>					
SCT	<u>51</u>	1 of 1	WSW/225.7	62.3	Canadian Criminal Justice Assn 320 Parkdale Ave Suite 101 Ottawa ON K1Y 4X9
Established:		01-JAN-19			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Professional Organizations			
SIC/NAICS Code:		813920			
<hr/>					
SCT	<u>60</u>	1 of 3	SSW/236.4	63.9	Myropen Publications Ltd. 383 Parkdale Ave Suite 402 Ottawa ON K1Y 4R4
Established:		1932			
Plant Size (ft²):					
Employment:		5			
--Details--					
Description:		Periodical Publishers			
SIC/NAICS Code:		511120			
<hr/>					
SCT	<u>60</u>	2 of 3	SSW/236.4	63.9	GEM Software Scheduling 383 Parkdale Av Suite 304 Ottawa ON K1Y 4R4
Established:					
Plant Size (ft²):					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Employment:					
SCT	<u>69</u>	1 of 1	SSE/242.6	69.3	INGENIUS ENGINEERING GROUP 30 ROSEMOUNT AVE SUITE 200 OTTAWA ON K1Y 1P4
Established:		0000			
Plant Size (ft²):		0			
Employment:		0			
--Details--					
Description:		Manufacturing and Reproducing Magnetic and Optical Media			
SIC/NAICS Code:		334610			
SCT	<u>75</u>	1 of 1	SSW/249.9	64.7	Merge Business Solutions 1165 Wellington St W Ottawa ON K1Y 2Y9
Established:		2004			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
SPL	<u>1</u>	1 of 1	WSW/29.8	64.4	City of Ottawa 329 Hinchey St Ottawa ON
Ref NO:		8781-8X6TGK			
Contaminant Code:		27			
Contaminant Name:		PAINT OR PAINT RELATED N.O.S.			
Contaminant Quantity:		0 other - see incident description			
Incident Cause::		Unknown			
Incident Dt:		14-AUG-12			
Incident Reason::		Unknown - Reason not determined			
Incident Summary::		Paint spill to cb, cont'd and being cleaned			
MOE Reported Dt:		14-AUG-12			
Environmental Impact::		Confirmed			
Nature of Impact::		Surface Water Pollution			
Receiving Medium::					
SAC Action Class:		Watercourse Spills			
Sector Source Type:		Other			
Site Municipality:		Ottawa			
SPL	<u>7</u>	1 of 1	NNE/62.3	65.0	PRIVATE OWNER 243 CARRUTHERS, OUTSIDE STOVE OIL TANK STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N8

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		230419			
Ref NO: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: ABOVE-GROUND TANK LEAK Incident Dt: 7/2/2002 Incident Reason:: UNKNOWN Incident Summary:: PRIVATE: <100L STOVE OIL TO GROUND FROM LEAKING TANK MOE Reported Dt: 7/2/2002 Environmental Impact:: POSSIBLE Nature of Impact:: Soil contamination Receiving Medium:: LAND SAC Action Class: Sector Source Type: Site Municipality: 20107					

SPL	<u>9</u>	1 of 1	ESE/105.9	65.5	S. 21 124 Stirling Ave Ottawa ON K1Y 1R3
Ref NO: 7617-5N2LYR Contaminant Code: Contaminant Name: FUEL OIL Contaminant Quantity: Incident Cause:: Incident Dt: 5/30/2003 Incident Reason:: Incident Summary:: Private Res:fill pipe had pin holes,ukn amt fuel MOE Reported Dt: 5/30/2003 Environmental Impact:: Nature of Impact:: Receiving Medium:: Land SAC Action Class: Sector Source Type: Site Municipality: Ottawa					

SPL	<u>10</u>	1 of 1	S/118.3	65.6	1 Grant Street Ottawa ON K1Y 2W8
Ref NO: 4541-8GBSEG Contaminant Code: 12 Contaminant Name: GASOLINE Contaminant Quantity: 40 L Incident Cause:: Other Discharges Incident Dt: 4/27/2011 Incident Reason:: Incident Summary:: 20L Gasoline to Catchbasin MOE Reported Dt: 4/27/2011 Environmental Impact:: Not Anticipated Nature of Impact:: Other Impact(s); Surface Water Pollution Receiving Medium:: SAC Action Class: Land Spills Sector Source Type: Motor Vehicle Site Municipality: Ottawa					

SPL	<u>15</u>	1 of 1	N/136.1	63.8	CONTRACTOR 66 LADOUCEUR, AT THE CORNER OF STERLING (N.O.S.) OTTAWA CITY ON K1Y 2T6
Ref NO: 142232					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: WASTEWATER DISCHARGE TO WATERCOURSE Incident Dt: 6/17/1997 Incident Reason:: INTENTIONAL/PLANNED Incident Summary:: CONTRACTOR: MIXTURE OF FURNACE OIL AND WATER DUMPED IN STORM C/B. MOE Reported Dt: 6/17/1997 Environmental Impact:: POSSIBLE Nature of Impact:: Water course or lake Receiving Medium:: WATER SAC Action Class: Sector Source Type: Site Municipality: 20101					

SPL	19	1 of 2	NNE/154.4	64.0	PRIVATE RESIDENCE 65 STERLING AVE. FURNACE OIL TANK OTTAWA CITY ON
Ref NO: 94127 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: ABOVE-GROUND TANK LEAK Incident Dt: 12/4/1993 Incident Reason:: DAMAGE BY MOVING EQUIPMENT Incident Summary:: RESIDENT: 100L FURNACE OIL LEAK FROM TANK STRUCKBY MOTOR VEHICLE MOE Reported Dt: 12/4/1993 Environmental Impact:: POSSIBLE Nature of Impact:: Soil contamination Receiving Medium:: LAND / WATER SAC Action Class: Sector Source Type: Site Municipality: 20101					

SPL	19	2 of 2	NNE/154.4	64.0	PRIVATE RESIDENCE 65 STIRLING AVE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1Y 1P9
Ref NO: 146388 Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: OTHER CONTAINER LEAK Incident Dt: // Incident Reason:: NEGLIGENCE (APPARENT) Incident Summary:: PRIVATE RESIDENCE:USED MOTOR OIL TO GROUND AND SEWER. MOE Reported Dt: 9/12/1997 Environmental Impact:: POSSIBLE Nature of Impact:: Multi Media Pollution Receiving Medium:: LAND / WATER SAC Action Class: Sector Source Type: Site Municipality: 20101					

SPL	20	1 of 1	N/154.5	63.9	PRIVATE RESIDENCE 215 CARRUTHERS AVE FURNACE OIL TANK OTTAWA CITY ON K1Y 1N6
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DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		119608			
		Ref NO: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: Incident Dt: Incident Reason:: Incident Summary:: MOE Reported Dt: Environmental Impact:: Nature of Impact:: Receiving Medium:: SAC Action Class: Sector Source Type: Site Municipality:	ABOVE-GROUND TANK LEAK 9/28/1995 CORROSION PRIVATE FUEL OIL TANK-450L MAX TO GND,NO DRAINS. CORRODED TANK.CLEANING. 10/13/1995 CONFIRMED Soil contamination LAND 20101		
SPL	21	2 of 2	ENE/157.6	63.6	RYDER TRUCK RENTAL CANADA LTD. CORNER OF PENNY ST & ARMSTRONG ST. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON
		150839			
		Ref NO: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: Incident Dt: Incident Reason:: Incident Summary:: MOE Reported Dt: Environmental Impact:: Nature of Impact:: Receiving Medium:: SAC Action Class: Sector Source Type: Site Municipality:	PIPE/HOSE LEAK 12/29/1997 ERROR RYDER TRUCK RENTAL- 90L DIESEL FUEL TO ROAD FROM TRUCK IN ACCIDENT. 12/29/1997 POSSIBLE Water course or lake LAND 20101		
SPL	22	4 of 4	SE/164.1	67.9	Enbridge Gas Distribution Inc. Rosemount & Wellington Ottawa ON
		0157-9VMQDY			
		Ref NO: Contaminant Code: Contaminant Name: Contaminant Quantity: Incident Cause:: Incident Dt: Incident Reason:: Incident Summary:: MOE Reported Dt: Environmental Impact:: Nature of Impact:: Receiving Medium:: SAC Action Class: Sector Source Type: Site Municipality:	35 NATURAL GAS (METHANE) 0 other - see incident description Unknown / N/A 4/16/2015 Unknown / N/A TSSA FSB: 2" main damaged at intersection, safe 4/16/2015 Air Air Spills - Gases and Vapours Ottawa		
SPL	24	1 of 1	S/165.8	67.0	@ McCormick St.

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
SPL	55	1 of 1	NNW/227.3	63.2	PRIVATE OWNER 188 CARRUTHERS STREET STORAGE TANK/BARREL OTTAWA CITY ON K1Y 1N7
Ref NO:		40360			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause::		ABOVE-GROUND TANK LEAK			
Incident Dt:		8/26/1990			
Incident Reason::		CORROSION			
Incident Summary::		850 L FURNACE OIL TO GROUND FROM LEAKY TANK			
MOE Reported Dt:		9/5/1990			
Environmental Impact::		CONFIRMED			
Nature of Impact::		Soil contamination			
Receiving Medium::		LAND			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		20101			
SPL	60	3 of 3	SSW/236.4	63.9	UNKNOWN OFFICE BLDG AT 383 PARKDALE AVE IN THE SUMP PUMP HOLES IN PARKING GARAGE OTTAWA CITY ON K1Y 4R4
Ref NO:		2477			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause::		UNKNOWN			
Incident Dt:		4/15/1988			
Incident Reason::		UNKNOWN			
Incident Summary::		GASOLINE ODOUR IN OFFICE BLDG FROM SUMP PUMP AREA IN THE PARKING GARAGE.			
MOE Reported Dt:		4/16/1988			
Environmental Impact::					
Nature of Impact::					
Receiving Medium::		WATER			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		20101			
SPL	63	1 of 1	WNW/238.7	62.3	PRIVATE RESIDENCE RESIDENCE AT 50 PINEHURST OWNED BY MR. MCCARTHY (722- 7298) FURNACE OIL TANK OTTAWA CITY ON K1Y 1K4
Ref NO:		87812			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause::		ABOVE-GROUND TANK LEAK			
Incident Dt:		7/1/1993			
Incident Reason::		CORROSION			
Incident Summary::		PRIVATE RESIDENCE - 25 L OF FURNACE OIL TO EARTHENFLOOR IN BASEMENT.			
MOE Reported Dt:		7/1/1993			
Environmental Impact::		NOT ANTICIPATED			
Nature of Impact::		Other			
Receiving Medium::		LAND			
SAC Action Class:					
Sector Source Type:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Site Municipality:		20101			
SPL	67	1 of 1	ENE/240.9	64.9	Enbridge Gas Distribution Inc. closest address is 1063 Wellington St W Ottawa ON
Ref NO:	7061-9DGL75				
Contaminant Code:	35				
Contaminant Name:	NATURAL GAS (METHANE)				
Contaminant Quantity:	0 other - see incident description				
Incident Cause::	Leak/Break				
Incident Dt:	2013/11/15				
Incident Reason::	Operator/Human Error				
Incident Summary::	TSSA: 1 inch line strike, has not been made safe				
MOE Reported Dt:	2013/11/15				
Environmental Impact::	Confirmed				
Nature of Impact::	Air Pollution				
Receiving Medium::					
SAC Action Class:	Air Spills - Gases and Vapours				
Sector Source Type:	Pipeline/Components				
Site Municipality:	Ottawa				
WWIS	5	1 of 1	S/51.5	64.9	OTTAWA ON
Well ID:	7198934			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Test Hole			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Test Hole			Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:	NEPEAN TOWNSHIP			UTM Reliability::	
County:	OTTAWA-CARLETON				
Bore Hole Information					
--	--				
Bore Hole ID:	1004265459				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	23-JAN-13				
Remarks:					
Zone:	18				
East 83:	443047				
North 83:	5027964				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock Materials Interval					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--		--			
	Formation ID:	1004918582			
	Layer:	1			
	General Color:	BLACK			
	Most Common Material:				
	Other Materials:				
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	.31			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	1004918583			
	Layer:	2			
	General Color:	BROWN			
	Most Common Material:	SAND			
	Other Materials:	GRAVEL			
	Other Materials:	SOFT			
	Formation Top Depth:	.31			
	Formation End Depth:	1.22			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	1004918584			
	Layer:	3			
	General Color:	GREY			
	Most Common Material:	LIMESTONE			
	Other Materials:				
	Other Materials:	LAYERED			
	Formation Top Depth:	1.22			
	Formation End Depth:	6.1			
	Formation End Depth UOM:	m			
	--	--			
	Annular Space/Abandonment Sealing Record				
	--	--			
	Plug ID:	1004918592			
	Layer:	1			
	Plug From:	0			
	Plug To:	.31			
	Plug Depth UOM:	m			
	--	--			
	Plug ID:	1004918593			
	Layer:	2			
	Plug From:	.31			
	Plug To:	2.74			
	Plug Depth UOM:	m			
	--	--			
	Plug ID:	1004918594			
	Layer:	3			
	Plug From:	2.74			
	Plug To:	6.1			
	Plug Depth UOM:	m			
	--	--			
	Method of Construction & Well Use				
	--	--			
	Method Construction ID:	1004918591			
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
	--	--			
	Pipe Information				
	--	--			
	Pipe ID:	1004918581			
	Casing Number:	0			
	Comment:				
	Alt Name:				
	--	--			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Construction Record - Casing					
--		--			
	Casing ID:	1004918588			
	Layer:	1			
	Open Hole or Material:	PLASTIC			
	Depth From:	0			
	Depth To:	3.1			
	Casing Diameter:	4.03			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
--		--			
--		--			
Construction Record - Screen					
--		--			
	Screen ID:	1004918589			
	Layer:	1			
	Slot:	10			
	Screen Top Depth:	3.1			
	Screen End Depth:	6.1			
	Screen Material:	5			
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:	4.82			
--		--			
	Hole Diameter				
--		--			
	Hole ID:	1004918585			
	Diameter:	11.43			
	Depth From:	0			
	Depth To:	1.52			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
	Hole ID:	1004918586			
	Diameter:	7.62			
	Depth From:	1.52			
	Depth To:	6.1			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
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WWIS

6

1 of 1

S/54.0

65.0

OTTAWA ON

Well ID: 7198935
Construction Date::
Primary Water Use:: Monitoring and Test Hole
Sec. Water Use::
Final Well Status:: Test Hole
Specific Capacity::
Municipality: NEPEAN TOWNSHIP
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 1004265462
DP2BR:
Code OB:
Code OB Description:
Open Hole:
Date Completed: 23-JAN-13
Remarks:
Zone: 18
East 83: 443056
North 83: 5027962

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		4			
	UTMRC:				
	UTMRC Description:		margin of error : 30 m - 100 m		
	Location Method:		wwr		
	Org CS:		UTM83		
	Elevation:				
	Elevrc:				
	Elevrc Description:				
	Location Source Date:				
	Source Revision Comment:				
	Improvement Location Source:				
	Improvement Location Method:				
	Supplier Comment:				
	Spatial Status:				
	--	--			
	Overburden and Bedrock Materials Interval				
	--	--			
	Formation ID:	1004918602			
	Layer:	1			
	General Color:	BLACK			
	Most Common Material:				
	Other Materials:	GRAVEL			
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	.31			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	1004918603			
	Layer:	2			
	General Color:	BROWN			
	Most Common Material:	SAND			
	Other Materials:	GRAVEL			
	Other Materials:	SOFT			
	Formation Top Depth:	.31			
	Formation End Depth:	.91			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	1004918604			
	Layer:	3			
	General Color:	GREY			
	Most Common Material:	LIMESTONE			
	Other Materials:				
	Other Materials:	LAYERED			
	Formation Top Depth:	.91			
	Formation End Depth:	6.1			
	Formation End Depth UOM:	m			
	--	--			
	Annular Space/Abandonment Sealing Record				
	--	--			
	Plug ID:	1004918613			
	Layer:	1			
	Plug From:	0			
	Plug To:	.31			
	Plug Depth UOM:	m			
	--	--			
	Plug ID:	1004918614			
	Layer:	2			
	Plug From:	.31			
	Plug To:	2.74			
	Plug Depth UOM:	m			
	--	--			
	Plug ID:	1004918615			
	Layer:	3			
	Plug From:	2.74			
	Plug To:	6.1			
	Plug Depth UOM:	m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--		--			
Method of Construction & Well Use					
--					
Method Construction ID:		1004918612			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
--					
Pipe Information					
--					
Pipe ID:		1004918601			
Casing Number:		0			
Comment:					
Alt Name:					
--					
Construction Record - Casing					
--					
Casing ID:		1004918608			
Layer:		1			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--					
--					
Construction Record - Screen					
--					
Screen ID:		1004918609			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
--					
Hole Diameter					
--					
Hole ID:		1004918605			
Diameter:		11.43			
Depth From:		0			
Depth To:		1.22			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--					
Hole ID:		1004918606			
Diameter:		7.62			
Depth From:		1.22			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--					
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.....	<u>26</u>	1 of 1	SSW/167.7	64.4	OTTAWA ON
WWIS					
Well ID:	7044709			Lot:	
Construction Date::				Concession:	
Primary Water Use::	Not Used			Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::	Observation Wells			Northing NAD83::	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Specific Capacity::				Zone::	
Municipality:			OTTAWA CITY	UTM Reliability::	
County:			OTTAWA-CARLETON		
Bore Hole Information					
--					
Bore Hole ID:		11767195			
DP2BR:					
Code OB:		0			
Code OB Description:		Overburden			
Open Hole:					
Date Completed:		04-MAY-07			
Remarks:					
Zone:		18			
East 83:		443016			
North 83:		5027851			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:		64.67			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID:		933103731			
Layer:		1			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		SAND			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		.6			
Formation End Depth UOM:		m			
--					
Formation ID:		933103732			
Layer:		2			
General Color:		BROWN			
Most Common Material:		SILT			
Other Materials:		CLAY			
Other Materials:		DENSE			
Formation Top Depth:		.6			
Formation End Depth:		4			
Formation End Depth UOM:		m			
--					
Formation ID:		933103733			
Layer:		3			
General Color:		GREY			
Most Common Material:		SILT			
Other Materials:		CLAY			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4			
Formation End Depth:		6			
Formation End Depth UOM:		m			
--					
Annular Space/Abandonment					
Sealing Record					
--					
Plug ID:		933320683			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
WWIS	29	1 of 1	SSE/179.1	67.8	ON
Well ID:		7220780		Lot:	
Construction Date::				Concession:	
Primary Water Use::		Monitoring		Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::		Observation Wells		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		NEPEAN TOWNSHIP		UTM Reliability::	
County:		OTTAWA-CARLETON			
Bore Hole Information					
--					
Bore Hole ID:		1004779135			
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:		07-FEB-13			
Remarks:					
Zone:		18			
East 83:		443141			
North 83:		5027862			
UTMRC:		4			
UTMRC Description:		margin of error : 30 m - 100 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID:		1005172367			
Layer:		1			
General Color:		BLACK			
Most Common Material:					
Other Materials:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.25			
Formation End Depth UOM:		m			
--					
Formation ID:		1005172368			
Layer:		2			
General Color:		GREY			
Most Common Material:		STONES			
Other Materials:					
Other Materials:					
Formation Top Depth:		.25			
Formation End Depth:		.5			
Formation End Depth UOM:		m			
--					
Formation ID:		1005172369			
Layer:		3			
General Color:		BROWN			
Most Common Material:		SAND			
Other Materials:		GRAVEL			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
	Other Materials:		FILL		
	Formation Top Depth:		.5		
	Formation End Depth:		2.49		
	Formation End Depth UOM:		m		
	--		--		
	Formation ID:		1005172370		
	Layer:		4		
	General Color:		GREY		
	Most Common Material:		LIMESTONE		
	Other Materials:		ROCK		
	Other Materials:				
	Formation Top Depth:		2.49		
	Formation End Depth:		10.44		
	Formation End Depth UOM:		m		
	--		--		
	Annular Space/Abandonment Sealing Record				
	--		--		
	Plug ID:		1005172378		
	Layer:		1		
	Plug From:		0		
	Plug To:		5		
	Plug Depth UOM:		m		
	--		--		
	Method of Construction & Well Use				
	--		--		
	Method Construction ID:		1005172377		
	Method Construction Code:		7		
	Method Construction:		Diamond		
	Other Method Construction:				
	--		--		
	Pipe Information				
	--		--		
	Pipe ID:		1005172366		
	Casing Number:		0		
	Comment:				
	Alt Name:				
	--		--		
	Construction Record - Casing				
	--		--		
	Casing ID:		1005172374		
	Layer:		1		
	Open Hole or Material:		PLASTIC		
	Depth From:		0		
	Depth To:		5.8		
	Casing Diameter:		5		
	Casing Diameter UOM:		cm		
	Casing Depth UOM:		m		
	--		--		
	--		--		
	Construction Record - Screen				
	--		--		
	Screen ID:		1005172375		
	Layer:		1		
	Slot:		10		
	Screen Top Depth:		5.8		
	Screen End Depth:		10.44		
	Screen Material:		5		
	Screen Depth UOM:		m		
	Screen Diameter UOM:		cm		
	Screen Diameter:		5.8		
	--		--		
	Water Details				
	--		--		
	Water ID:		1005172373		
	Layer:		1		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		5.85			
Water Found Depth UOM:		m			
--		--			
Hole Diameter					
--		--			
Hole ID:		1005172371			
Diameter:		20			
Depth From:		0			
Depth To:		2.49			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
Hole ID:		1005172372			
Diameter:		10.16			
Depth From:		2.49			
Depth To:		10.44			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--		--			
--		--			

WWIS

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1 of 1

WSW/185.2

62.9

ON

Well ID: 7041977
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status:: Dewatering
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 11764480
DP2BR: 4
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 16-MAR-07
Remarks:
Zone: 18
East 83: 442873
North 83: 5027957
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation: 61.81
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
--
Overburden and Bedrock
Materials Interval
--
Formation ID: 933095695
Layer: 1

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
	General Color:		BROWN		
	Most Common Material:		GRAVEL		
	Other Materials:		SAND		
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	1.2			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	933095696			
	Layer:	2			
	General Color:		GREY		
	Most Common Material:		LIMESTONE		
	Other Materials:				
	Other Materials:				
	Formation Top Depth:	1.2			
	Formation End Depth:	7.6			
	Formation End Depth UOM:	m			
	--	--			
	Annular Space/Abandonment Sealing Record				
	--	--			
	Plug ID:	933316044			
	Layer:	1			
	Plug From:	0			
	Plug To:	2.4			
	Plug Depth UOM:	m			
	--	--			
	Method of Construction & Well Use				
	--	--			
	Method Construction ID:	967041977			
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
	--	--			
	Pipe Information				
	--	--			
	Pipe ID:	11772200			
	Casing Number:	1			
	Comment:				
	Alt Name:				
	--	--			
	Construction Record - Casing				
	--	--			
	Casing ID:	930897289			
	Layer:	1			
	Open Hole or Material:	STEEL			
	Depth From:	0			
	Depth To:	2.4			
	Casing Diameter:	15.9			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
	Casing ID:	930897290			
	Layer:	2			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	2.4			
	Depth To:	7.6			
	Casing Diameter:				
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
	Hole Diameter				
	--	--			
	Hole ID:	11850747			
	Diameter:	25.4			
	Depth From:	0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		2.4			
		m			
		cm			
		--			
		11850748			
		15.2			
		2.4			
		7.6			
		m			
		cm			
		--			
		--			

WWIS 37 1 of 1 WSW/199.1 63.1 ON

Well ID:	7041979	Lot:	
Construction Date::		Concession:	
Primary Water Use::		Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Dewatering	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	OTTAWA CITY	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--

Bore Hole ID: 11764482

DP2BR: 5

Code OB: r

Code OB Description: Bedrock

Open Hole:

Date Completed: 14-MAR-07

Remarks:

Zone: 18

East 83: 442878

North 83: 5027913

UTMRC: 3

UTMRC Description: margin of error : 10 - 30 m

Location Method: wwr

Org CS: UTM83

Elevation: 63.07

Elevrc:

Elevrc Description:

Location Source Date:

Source Revision Comment:

Improvement Location Source:

Improvement Location Method:

Supplier Comment:

Spatial Status:

--

Overburden and Bedrock

Materials Interval

--

Formation ID: 933095699

Layer: 1

General Color: BROWN

Most Common Material: GRAVEL

Other Materials: SAND

Other Materials:

Formation Top Depth: 0

Formation End Depth: 1.5

Formation End Depth UOM: m

--

Formation ID: 933095700

Layer: 2

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
	General Color:		GREY		
	Most Common Material:		LIMESTONE		
	Other Materials:				
	Other Materials:				
	Formation Top Depth:		1.5		
	Formation End Depth:		7.6		
	Formation End Depth UOM:		m		
	--		--		
	Annular Space/Abandonment Sealing Record				
	--		--		
	Plug ID:		933316046		
	Layer:		1		
	Plug From:		0		
	Plug To:		2.6		
	Plug Depth UOM:		m		
	--		--		
	Method of Construction & Well Use				
	--		--		
	Method Construction ID:		967041979		
	Method Construction Code:		4		
	Method Construction:		Rotary (Air)		
	Other Method Construction:				
	--		--		
	Pipe Information				
	--		--		
	Pipe ID:		11772202		
	Casing Number:		1		
	Comment:				
	Alt Name:				
	--		--		
	Construction Record - Casing				
	--		--		
	Casing ID:		930897293		
	Layer:		1		
	Open Hole or Material:		STEEL		
	Depth From:		0		
	Depth To:		2.6		
	Casing Diameter:		15.9		
	Casing Diameter UOM:		cm		
	Casing Depth UOM:		m		
	--		--		
	Casing ID:		930897294		
	Layer:		2		
	Open Hole or Material:		OPEN HOLE		
	Depth From:		2.6		
	Depth To:		7.6		
	Casing Diameter:				
	Casing Diameter UOM:		cm		
	Casing Depth UOM:		m		
	--		--		
	Hole Diameter				
	--		--		
	Hole ID:		11850751		
	Diameter:		25.4		
	Depth From:		0		
	Depth To:		2.6		
	Hole Depth UOM:		m		
	Hole Diameter UOM:		cm		
	--		--		
	Hole ID:		11850752		
	Diameter:		15.2		
	Depth From:		2.6		
	Depth To:		7.6		
	Hole Depth UOM:		m		
	Hole Diameter UOM:		cm		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--		--			
--		--			

WWIS **38** **1 of 1** **ENE/201.5** **63.7** **OTTAWA ON**

Well ID:	7044667	Lot:	
Construction Date::		Concession:	
Primary Water Use::	Not Used	Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Test Hole	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	OTTAWA CITY	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	11767153
DP2BR:	
Code OB:	0
Code OB Description:	Overburden
Open Hole:	
Date Completed:	28-MAY-07
Remarks:	
Zone:	18
East 83:	443236
North 83:	5028090
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	62.91
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock

Materials Interval	
--	--
Formation ID:	933103625
Layer:	1
General Color:	BLACK
Most Common Material:	
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	.05
Formation End Depth UOM:	m
--	--
Formation ID:	933103626
Layer:	2
General Color:	GREY
Most Common Material:	FILL
Other Materials:	SAND
Other Materials:	GRAVEL
Formation Top Depth:	.05
Formation End Depth:	.74
Formation End Depth UOM:	m
--	--
Formation ID:	933103627
Layer:	3

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
	General Color:		BROWN		
	Most Common Material:		CLAY		
	Other Materials:		SILTY		
	Other Materials:		SAND		
	Formation Top Depth:		.74		
	Formation End Depth:		1.02		
	Formation End Depth UOM:		m		
	--		--		
	Formation ID:		933103628		
	Layer:		4		
	General Color:		GREY		
	Most Common Material:		GRAVEL		
	Other Materials:				
	Other Materials:				
	Formation Top Depth:		1.02		
	Formation End Depth:		1.14		
	Formation End Depth UOM:		m		
	--		--		
	Formation ID:		933103629		
	Layer:		5		
	General Color:		BROWN		
	Most Common Material:		TILL		
	Other Materials:		SILTY		
	Other Materials:		SAND		
	Formation Top Depth:		1.14		
	Formation End Depth:		2.87		
	Formation End Depth UOM:		m		
	--		--		
	Annular Space/Abandonment Sealing Record				
	--		--		
	Plug ID:		933320568		
	Layer:		1		
	Plug From:		0		
	Plug To:		1.22		
	Plug Depth UOM:		m		
	--		--		
	Method of Construction & Well Use				
	--		--		
	Method Construction ID:		967044667		
	Method Construction Code:		9		
	Method Construction:		Driving		
	Other Method Construction:				
	--		--		
	Pipe Information				
	--		--		
	Pipe ID:		11774843		
	Casing Number:		1		
	Comment:				
	Alt Name:				
	--		--		
	Construction Record - Casing				
	--		--		
	Casing ID:		930900544		
	Layer:		1		
	Open Hole or Material:		PLASTIC		
	Depth From:		0		
	Depth To:		1.35		
	Casing Diameter:		3		
	Casing Diameter UOM:		cm		
	Casing Depth UOM:		m		
	--		--		
	--		--		
	Construction Record - Screen				
	--		--		
	Screen ID:		933424829		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		1			
		10			
		1.35			
		2.87			
		5			
		m			
		cm			
		3			
		--			
		--			
		11853774			
		8			
		0			
		2.87			
		m			
		cm			
		--			
		--			

WWIS

45

1 of 1

WSW/217.9

62.3

ON

Well ID: 7041975
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status:: Dewatering
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 11764478
DP2BR: 4
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 16-MAR-07
Remarks:
Zone: 18
East 83: 442844
North 83: 5027941
UTMRC: 3
UTMRC Description: margin of error : 10 - 30 m
Location Method: wwr
Org CS: UTM83
Elevation: 61.71
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
 --
Overburden and Bedrock
Materials Interval
 --
Formation ID: 933095691
Layer: 1
General Color: BROWN
Most Common Material: GRAVEL
Other Materials: SAND

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	1.2			
	Formation End Depth UOM:	m			
	--	--			
	Formation ID:	933095692			
	Layer:	2			
	General Color:	GREY			
	Most Common Material:	LIMESTONE			
Other Materials:					
	Formation Top Depth:	1.2			
	Formation End Depth:	6.1			
	Formation End Depth UOM:	m			
	--	--			
Annular Space/Abandonment Sealing Record					
	--	--			
	Plug ID:	933316042			
	Layer:	1			
	Plug From:	0			
	Plug To:	2.2			
	Plug Depth UOM:	m			
	--	--			
Method of Construction & Well Use					
	--	--			
	Method Construction ID:	967041975			
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
	--	--			
Pipe Information					
	--	--			
	Pipe ID:	11772198			
	Casing Number:	1			
	Comment:				
	Alt Name:				
	--	--			
Construction Record - Casing					
	--	--			
	Casing ID:	930897285			
	Layer:	1			
	Open Hole or Material:	STEEL			
	Depth From:	0			
	Depth To:	2.2			
	Casing Diameter:	15.9			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
	Casing ID:	930897286			
	Layer:	2			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	2.2			
	Depth To:	6.1			
	Casing Diameter:				
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
Hole Diameter					
	--	--			
	Hole ID:	11850743			
	Diameter:	25.4			
	Depth From:	0			
	Depth To:	2.2			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--		--			
	Hole ID:	11850744			
	Diameter:	15.2			
	Depth From:	2.2			
	Depth To:	6.1			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
--		--			

WWIS	<u>46</u>	1 of 1	WSW/219.2	62.2	ON
Well ID:	7041978				
Construction Date::					Lot:
Primary Water Use::					Concession:
Sec. Water Use::					Concession Name:
Final Well Status::	Dewatering				Easting NAD83::
Specific Capacity::					Northing NAD83::
Municipality:	OTTAWA CITY				Zone::
County:	OTTAWA-CARLETON				UTM Reliability::
Bore Hole Information					
--	--				
Bore Hole ID:	11764481				
DP2BR:	3				
Code OB:	r				
Code OB Description:	Bedrock				
Open Hole:					
Date Completed:	14-MAR-07				
Remarks:					
Zone:	18				
East 83:	442850				
North 83:	5027923				
UTMRC:	3				
UTMRC Description:	margin of error : 10 - 30 m				
Location Method:	wwr				
Org CS:	UTM83				
Elevation:	61.27				
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--	--				
Overburden and Bedrock					
Materials Interval					
--	--				
Formation ID:	933095697				
Layer:	1				
General Color:	BROWN				
Most Common Material:	GRAVEL				
Other Materials:	SAND				
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	.9				
Formation End Depth UOM:	m				
--	--				
Formation ID:	933095698				
Layer:	2				
General Color:	GREY				
Most Common Material:	LIMESTONE				
Other Materials:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
Other Materials:					
	Formation Top Depth:	.9			
	Formation End Depth:	7.6			
	Formation End Depth UOM:	m			
	--	--			
Annular Space/Abandonment Sealing Record					
	--	--			
	Plug ID:	933316045			
	Layer:	1			
	Plug From:	0			
	Plug To:	1.8			
	Plug Depth UOM:	m			
	--	--			
Method of Construction & Well Use					
	--	--			
	Method Construction ID:	967041978			
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
	--	--			
Pipe Information					
	--	--			
	Pipe ID:	11772201			
	Casing Number:	1			
	Comment:				
	Alt Name:				
	--	--			
Construction Record - Casing					
	--	--			
	Casing ID:	930897291			
	Layer:	1			
	Open Hole or Material:	STEEL			
	Depth From:	0			
	Depth To:	1.8			
	Casing Diameter:	15.9			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
	Casing ID:	930897292			
	Layer:	2			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	1.8			
	Depth To:	7.6			
	Casing Diameter:				
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
	--	--			
Hole Diameter					
	--	--			
	Hole ID:	11850750			
	Diameter:	25.4			
	Depth From:	0			
	Depth To:	1.8			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
	--	--			
	Hole ID:	11850749			
	Diameter:	15.2			
	Depth From:	1.8			
	Depth To:	7.6			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
	--	--			
	--	--			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
WWIS	50	1 of 1	WSW/225.6	62.5	ON
Well ID:		7042084		Lot:	
Construction Date::				Concession:	
Primary Water Use::				Concession Name:	
Sec. Water Use::				Easting NAD83::	
Final Well Status::		Dewatering		Northing NAD83::	
Specific Capacity::				Zone::	
Municipality:		OTTAWA CITY		UTM Reliability::	
County:		OTTAWA-CARLETON			
Bore Hole Information					
--					
Bore Hole ID:		11764581			
DP2BR:		9			
Code OB:		r			
Code OB Description:		Bedrock			
Open Hole:					
Date Completed:		14-MAR-07			
Remarks:					
Zone:		18			
East 83:		442858			
North 83:		5027895			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:		62.43			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID:		933095983			
Layer:		1			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		SAND			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2.6			
Formation End Depth UOM:		m			
--					
Formation ID:		933095984			
Layer:		2			
General Color:		GREY			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		2.6			
Formation End Depth:		7.6			
Formation End Depth UOM:		m			
--					
Annular Space/Abandonment					
Sealing Record					
--					
Plug ID:		933316195			
Layer:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		0			
		2.9			
		m			
		--			
		--			
		967042084			
		4			
		Rotary (Air)			
		--			
		--			
		11772301			
		1			
		--			
		--			
		930897407			
		1			
		STEEL			
		0			
		2.9			
		15.9			
		cm			
		m			
		--			
		930897408			
		2			
		OPEN HOLE			
		2.9			
		7.6			
		cm			
		m			
		--			
		--			
		11850883			
		25.4			
		0			
		2.9			
		m			
		cm			
		--			
		11850882			
		15.2			
		2.9			
		7.6			
		m			
		cm			
		--			
		--			

WWIS

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WSW/227.2

62.4

ON

Well ID: 7041980

Construction Date::

Primary Water Use::

Sec. Water Use::

Final Well Status:: Dewatering

Specific Capacity::

Lot:

Concession:

Concession Name:

Easting NAD83::

Northing NAD83::

Zone::

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
<i>Municipality:</i>	OTTAWA CITY			<i>UTM Reliability::</i>	
<i>County:</i>	OTTAWA-CARLETON				
Bore Hole Information					
--		--			
<i>Bore Hole ID:</i>		11764483			
<i>DP2BR:</i>		6			
<i>Code OB:</i>		r			
<i>Code OB Description:</i>		Bedrock			
<i>Open Hole:</i>					
<i>Date Completed:</i>		14-MAR-07			
<i>Remarks:</i>					
<i>Zone:</i>		18			
<i>East 83:</i>		442848			
<i>North 83:</i>		5027909			
<i>UTMRC:</i>		3			
<i>UTMRC Description:</i>		margin of error : 10 - 30 m			
<i>Location Method:</i>		wwr			
<i>Org CS:</i>		UTM83			
<i>Elevation:</i>		61.54			
<i>Elevrc:</i>					
<i>Elevrc Description:</i>					
<i>Location Source Date:</i>					
<i>Source Revision Comment:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Supplier Comment:</i>					
<i>Spatial Status:</i>					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
<i>Formation ID:</i>		933095701			
<i>Layer:</i>		1			
<i>General Color:</i>		BROWN			
<i>Most Common Material:</i>		GRAVEL			
<i>Other Materials:</i>		SAND			
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		1.7			
<i>Formation End Depth UOM:</i>		m			
--		--			
<i>Formation ID:</i>		933095702			
<i>Layer:</i>		2			
<i>General Color:</i>		GREY			
<i>Most Common Material:</i>		LIMESTONE			
<i>Other Materials:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		1.7			
<i>Formation End Depth:</i>		7.6			
<i>Formation End Depth UOM:</i>		m			
--		--			
Annular Space/Abandonment					
Sealing Record					
--		--			
<i>Plug ID:</i>		933316047			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		2.6			
<i>Plug Depth UOM:</i>		m			
--		--			
Method of Construction & Well Use					
--		--			
<i>Method Construction ID:</i>		967041980			
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Other Method Construction:					
--					
Pipe Information					
--					
Pipe ID:		11772203			
Casing Number:		1			
Comment:					
Alt Name:					
--					
Construction Record - Casing					
--					
Casing ID:		930897295			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		2.6			
Casing Diameter:		15.9			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--					
Casing ID:		930897296			
Layer:		2			
Open Hole or Material:		OPEN HOLE			
Depth From:		2.6			
Depth To:		7.6			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
--					
Hole Diameter					
--					
Hole ID:		11850753			
Diameter:		25.4			
Depth From:		0			
Depth To:		2.6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--					
Hole ID:		11850754			
Diameter:		15.2			
Depth From:		2.6			
Depth To:		7.6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
--					
--					

WWIS

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1 of 1

SW/230.9

62.1

ON

Well ID: 7107670
Construction Date::
Primary Water Use:: Other
Sec. Water Use::
Final Well Status:: Dewatering
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 1001646254
DP2BR:
Code OB:
Code OB Description:
Open Hole:

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>
Date Completed:		14-MAR-07			
Remarks:					
Zone:		18			
East 83:		442861			
North 83:		5027881			
UTMRC:		3			
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:		62.34			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock Materials Interval					
--		--			
Formation ID:		1001661265			
Layer:		1			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		SAND			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2.6			
Formation End Depth UOM:		m			
--		--			
Formation ID:		1001661266			
Layer:		2			
General Color:		GREY			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		2.6			
Formation End Depth:		7.6			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment Sealing Record					
--		--			
Plug ID:		1001661269			
Layer:		1			
Plug From:		0			
Plug To:		2.6			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well Use					
--		--			
Method Construction ID:		1001661274			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		1001661264			
Casing Number:		0			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
--		--			
	Casing ID:	1001661271			
	Layer:	1			
	Open Hole or Material:	STEEL			
	Depth From:	0			
	Depth To:	2.6			
	Casing Diameter:	15.9			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
--		--			
--		--			
	Construction Record - Screen				
--		--			
	Screen ID:	1001661272			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				
--		--			
	Hole Diameter				
--		--			
	Hole ID:	1001661267			
	Diameter:	25.4			
	Depth From:	0			
	Depth To:	2.6			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
	Hole ID:	1001661268			
	Diameter:	15.2			
	Depth From:	2.6			
	Depth To:	7.6			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
--		--			

WWIS

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1 of 1

SW/234.1

62.1

ON

Well ID: 7041981
Construction Date::
Primary Water Use::
Sec. Water Use::
Final Well Status:: Dewatering
Specific Capacity::
Municipality: OTTAWA CITY
County: OTTAWA-CARLETON

Lot:
Concession:
Concession Name:
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information

--
Bore Hole ID: 11764484
DP2BR: 2
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 15-MAR-07
Remarks:
Zone: 18
East 83: 442863
North 83: 5027873
UTMRC: 3

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
UTMRC Description:		margin of error : 10 - 30 m			
Location Method:		wwr			
Org CS:		UTM83			
Elevation:		62.16			
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--		--			
Overburden and Bedrock					
Materials Interval					
--		--			
Formation ID:		933095703			
Layer:		1			
General Color:		BROWN			
Most Common Material:		GRAVEL			
Other Materials:		SAND			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.6			
Formation End Depth UOM:		m			
--		--			
Formation ID:		933095704			
Layer:		2			
General Color:		GREY			
Most Common Material:		LIMESTONE			
Other Materials:					
Other Materials:					
Formation Top Depth:		.6			
Formation End Depth:		7.6			
Formation End Depth UOM:		m			
--		--			
Annular Space/Abandonment					
Sealing Record					
--		--			
Plug ID:		933316048			
Layer:		1			
Plug From:		0			
Plug To:		2.4			
Plug Depth UOM:		m			
--		--			
Method of Construction & Well					
Use					
--		--			
Method Construction ID:		967041981			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
--		--			
Pipe Information					
--		--			
Pipe ID:		11772204			
Casing Number:		1			
Comment:					
Alt Name:					
--		--			
Construction Record - Casing					
--		--			
Casing ID:		930897297			
Layer:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		2.4			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
		15.9			
		cm			
		m			
		--			
		930897298			
		2			
		OPEN HOLE			
		2.4			
		7.6			
		cm			
		m			
		--			
		--			
		11850756			
		25.4			
		0			
		2.4			
		m			
		cm			
		--			
		11850755			
		15.2			
		2.4			
		7.6			
		m			
		cm			
		--			
		--			

WWIS	59	1 of 1	NNW/235.4	63.1	ON
Well ID:	7242495				
Construction Date::					
Primary Water Use::					
Sec. Water Use::					
Final Well Status::					
Specific Capacity::					
Municipality:	NEPEAN TOWNSHIP				
County:	OTTAWA-CARLETON				
Lot:					
Concession:					
Concession Name:					
Easting NAD83::					
Northing NAD83::					
Zone::					
UTM Reliability::					
Bore Hole Information					
Bore Hole ID:	1005398401				
DP2BR:					
Code OB:					
Code OB Description:					
Open Hole:					
Date Completed:	18-MAR-14				
Remarks:					
Zone:	18				
East 83:	442954				
North 83:	5028231				
UTMRC:	4				
UTMRC Description:	margin of error : 30 m - 100 m				
Location Method:	wvr				
Org CS:	UTM83				
Elevation:					
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Supplier Comment:					
Spatial Status:					
--		--			
--		--			

WWIS	71	1 of 1	WSW/244.4	61.8	ON
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Well ID:	7041974	Lot:	
Construction Date::		Concession:	
Primary Water Use::		Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Dewatering	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	OTTAWA CITY	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--	--
Bore Hole ID:	11764477
DP2BR:	4
Code OB:	r
Code OB Description:	Bedrock
Open Hole:	
Date Completed:	16-MAR-07
Remarks:	
Zone:	18
East 83:	442826
North 83:	5027915
UTMRC:	3
UTMRC Description:	margin of error : 10 - 30 m
Location Method:	wwr
Org CS:	UTM83
Elevation:	60.19
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	--

**Overburden and Bedrock
Materials Interval**

--	--
Formation ID:	933095689
Layer:	1
General Color:	BROWN
Most Common Material:	GRAVEL
Other Materials:	SAND
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1.1
Formation End Depth UOM:	m
--	--
Formation ID:	933095690
Layer:	2
General Color:	GREY
Most Common Material:	LIMESTONE
Other Materials:	
Other Materials:	
Formation Top Depth:	1.1
Formation End Depth:	6.1
Formation End Depth UOM:	m
--	--

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Annular Space/Abandonment Sealing Record					
--		--			
	Plug ID:	933316041			
	Layer:	1			
	Plug From:	0			
	Plug To:	2.2			
	Plug Depth UOM:	m			
--		--			
Method of Construction & Well Use					
--		--			
	Method Construction ID:	967041974			
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
--		--			
Pipe Information					
--		--			
	Pipe ID:	11772197			
	Casing Number:	1			
	Comment:				
	Alt Name:				
--		--			
Construction Record - Casing					
--		--			
	Casing ID:	930897283			
	Layer:	1			
	Open Hole or Material:	STEEL			
	Depth From:	0			
	Depth To:	2.2			
	Casing Diameter:	15.9			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
--		--			
	Casing ID:	930897284			
	Layer:	2			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	2.2			
	Depth To:	6.1			
	Casing Diameter:				
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
--		--			
Hole Diameter					
--		--			
	Hole ID:	11850742			
	Diameter:	25.4			
	Depth From:	0			
	Depth To:	2.2			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
	Hole ID:	11850741			
	Diameter:	15.2			
	Depth From:	2.2			
	Depth To:	6.1			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			
--		--			
--		--			

WWIS

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WSW/245.6

61.8

ON

Well ID:

7041973

Lot:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site
Construction Date::			Concession:		
Primary Water Use::			Concession Name:		
Sec. Water Use::			Easting NAD83::		
Final Well Status::			Northing NAD83::		
Specific Capacity::			Zone::		
Municipality:			UTM Reliability::		
County:					
Bore Hole Information					
--					
Bore Hole ID:			11764476		
DP2BR:			5		
Code OB:			r		
Code OB Description:			Bedrock		
Open Hole:					
Date Completed:			15-MAR-07		
Remarks:					
Zone:			18		
East 83:			442827		
North 83:			5027910		
UTMRC:			3		
UTMRC Description:			margin of error : 10 - 30 m		
Location Method:			wwr		
Org CS:			UTM83		
Elevation:			60.36		
Elevrc:					
Elevrc Description:					
Location Source Date:					
Source Revision Comment:					
Improvement Location Source:					
Improvement Location Method:					
Supplier Comment:					
Spatial Status:					
--					
Overburden and Bedrock					
Materials Interval					
--					
Formation ID:			933095687		
Layer:			1		
General Color:			BROWN		
Most Common Material:			GRAVEL		
Other Materials:			SAND		
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			1.5		
Formation End Depth UOM:			m		
--					
Formation ID:			933095688		
Layer:			2		
General Color:			GREY		
Most Common Material:			LIMESTONE		
Other Materials:					
Other Materials:					
Formation Top Depth:			1.5		
Formation End Depth:			6.1		
Formation End Depth UOM:			m		
--					
Annular Space/Abandonment					
Sealing Record					
--					
Plug ID:			933316040		
Layer:			1		
Plug From:			0		
Plug To:			2.4		
Plug Depth UOM:			m		
--					
Method of Construction & Well					

Unplottable Summary

Total: **19** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Wellington Street	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	WELLINGTON ST., VORTEX/DIV.CH.	OTTAWA CITY ON	
CA	Garden of the Provinces Park	Wellington Street	Ottawa ON	
CA		Scott Street (Parkdale to Merton)	Ottawa ON	
CA		Scott Street (Parkdale to Merton)	Ottawa ON	
CA	City of Ottawa	Wellington St W	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	WELLINGTON ST. COMBINED SEWER	OTTAWA CITY ON	
CA	OTTAWA CITY	WELLINGTON ST. COMBINED SEWER	OTTAWA CITY ON	
CA	OTTAWA CITY	WELLINGTON STREET	OTTAWA CITY ON	
CA		Wellington Street	Ottawa ON	
CA	City of Ottawa	Wellington St W	Ottawa ON	
CA	City of Ottawa	Parkdale Avenue	Ottawa ON	
CA	City of Ottawa	Wellington St W	Ottawa ON	
GEN	City of Ottawa	Merton St from wellington to scott	ottawa ON	
GEN	BETTY BRITE CLEANERS	C/O 218 LAURIER AVENUE EAST	OTTAWA ON	K1N 6P2
SPL	Louis Bray Construction Limited<UNOFFICIAL>	Wellington St. under the Plaza Bridge.	Ottawa ON	
SPL	PRIVATE OWNER	LOT 36 CONC 1 CUMBERLAND ORLEANS STORAGE TANK/BARREL	OTTAWA CITY ON	
SPL	O.C. TRANSP	PARKDALE ROAD (BETWEEN HOLLAND AND WELLINGTON) OTTAWA SITE 1500 ST. LAURENT BOULEVARD	OTTAWA CITY ON	

Database: CA **Site:** *Scott Street (Parkdale to Merton) Ottawa ON*

Certificate #: 7515-4HMRDR
Application Year: 00
Issue Date: 3/22/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the City of Ottawa
Client Address:: 111 Sussex Drive, 7th Floor
Client City:: Ottawa
Client Postal Code:: K1N 5A1
Project Description:: Sanitary sewers to be constructed.
Contaminants::
Emission Control::

Database: CA **Site:** *Scott Street (Parkdale to Merton) Ottawa ON*

Certificate #: 5431-4HMR4L
Application Year: 00
Issue Date: 3/22/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:: 111 Lisgar Street
Client City:: Ottawa
Client Postal Code:: K2P 2L7
Project Description:: Watermain and appurtenances to be constructed.
Contaminants::
Emission Control::

Database: CA **Site:** *City of Ottawa
Wellington St W Ottawa ON*

Certificate #: 8722-7D3S8L
Application Year: 2008
Issue Date: 3/27/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Database: CA **Site:** *R.M. OF OTTAWA-CARLETON
WELLINGTON ST. COMBINED SEWER OTTAWA CITY ON*

Certificate #: 3-0126-97-
Application Year: 97
Issue Date: 4/15/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::

Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Database: CA **Site:** OTTAWA CITY
WELLINGTON ST. COMBINED SEWER OTTAWA CITY ON

Certificate #: 3-0124-97-
Application Year: 97
Issue Date: 3/27/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Database: CA **Site:** OTTAWA CITY
WELLINGTON STREET OTTAWA CITY ON

Certificate #: 3-1102-89-
Application Year: 89
Issue Date: 6/12/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Database: CA **Site:** Wellington Street Ottawa ON

Certificate #: 6456-4MDJXD
Application Year: 00
Issue Date: 7/25/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the City of Ottawa
Client Address:: 111 Sussex Drive, 7th Floor
Client City:: Ottawa
Client Postal Code:: K1N 5A1
Project Description:: Construction of storm sewers on Wellington Street from Clarenton Avenue to Parkdale Avenue and on Wellington Street from Carruthers Avenue to Irving Avenue.
Contaminants::
Emission Control::

Database: CA **Site:** City of Ottawa
Wellington St W Ottawa ON

Ref NO: 110312
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause:: VALVE/FITTING LEAK OR FAILURE
Incident Dt: 2/23/1995
Incident Reason:: EQUIPMENT FAILURE
Incident Summary:: O.C. TRANSP BUS: 20 L TRANSMISSION OIL TO ROAD-WAY; CLEANED UP: WORKS
MOE Reported Dt: 2/23/1995
Environmental Impact:: NOT ANTICIPATED
Nature of Impact::
Receiving Medium:: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 20101

Database: **WWIS** **Site:** **OTTAWA ON**

Well ID:	1535116	Lot:	
Construction Date::		Concession:	
Primary Water Use::		Concession Name:	
Sec. Water Use::		Easting NAD83::	
Final Well Status::	Observation Wells	Northing NAD83::	
Specific Capacity::		Zone::	
Municipality:	OTTAWA CITY	UTM Reliability::	
County:	OTTAWA-CARLETON		

Bore Hole Information

--
Bore Hole ID: 11172868
DP2BR: 2
Code OB: r
Code OB Description: Bedrock
Open Hole:
Date Completed: 06-OCT-04
Remarks:
Zone:
East 83:
North 83:
UTMRC: 9
UTMRC Description: unknown UTM
Location Method: na
Org CS:
Elevation:
Elevrc:
Elevrc Description:
Location Source Date:
Source Revision Comment:
Improvement Location Source:
Improvement Location Method:
Supplier Comment:
Spatial Status:
 --
Overburden and Bedrock
Materials Interval
 --
Formation ID: 932969009
Layer: 1
General Color: BROWN
Most Common Material: GRAVEL
Other Materials:
Other Materials:
Formation Top Depth: 0
Formation End Depth: .7
Formation End Depth UOM: m
 --

Formation ID: 932969010
Layer: 2
General Color: GREY
Most Common Material: LIMESTONE
Other Materials:
Other Materials:
Formation Top Depth: .7
Formation End Depth: 4.5
Formation End Depth UOM: m
-- --
Annular Space/Abandonment Sealing Record
-- --
Plug ID: 933253284
Layer: 1
Plug From: 1.2
Plug To: 1.5
Plug Depth UOM: m
-- --
Method of Construction & Well Use
-- --
Method Construction ID: 961535116
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:
-- --
Pipe Information
-- --
Pipe ID: 11181387
Casing Number: 1
Comment:
Alt Name:
-- --
Construction Record - Casing
-- --
Casing ID: 930843185
Layer: 1
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 2.5
Casing Diameter: 50
Casing Diameter UOM: cm
Casing Depth UOM: m
-- --
-- --
Construction Record - Screen
-- --
Screen ID: 933409114
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 4.5
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 70
-- --
Hole Diameter
-- --
Hole ID: 11306039
Diameter: 10
Depth From: 0
Depth To: 4.5
Hole Depth UOM: m
Hole Diameter UOM: cm
-- --
-- --

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 2016

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: Oct 31, 2014

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: Oct 31, 2016

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial

[CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial [CFOT](#)

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Oct 31, 2016

Chemical Register:

Private [CHEM](#)

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

Government Publication Date: Oct 31, 2016

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 31, 2012

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: Nov 30, 2016

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: Nov 30, 2016

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: Aug 31, 2015

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: Nov 30, 2016

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: Nov 30, 2016

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: Nov 30, 2016

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-Aug 2016

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](#)

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include 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.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial [EXP](#)

This is a list of all expired facilities that fall under the TSSA (TSSA Act & Safety Regulations), including the six regulations that exist under the Fuels Safety Division. It will include facilities such as private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. These tanks have been removed and automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Oct 31, 2016

Federal Convictions:

Federal [FCON](#)

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal [FCS](#)

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

Government Publication Date: June 2000-Oct 2015

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-Sept 2003

Fuel Storage Tank:

Provincial **FST**

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Oct 31, 2016

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-Sep 2016

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 2014

TSSA Historic Incidents:

Provincial **HINC**

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal **IAFT**

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial **INC**

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Oct 31, 2016

Landfill Inventory Management Ontario:

Provincial **LIMO**

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2016

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, 2014

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-Aug 2010

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 Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: Dec 31, 2014

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-Jun 2016

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: Oct 31, 2016

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: Nov 30, 2016

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 31, 2016

TSSA Pipeline Incidents:

Provincial PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Oct 31, 2016

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: Nov 30, 2016

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2013

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: Oct 31, 2016

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: Oct 31, 2016

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jan 2016

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: 1990-2014

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: Jan 31, 2015

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial **VAR**

The TSSA, under the Liquid Fuels Handling Code and the Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, you may apply to seek a variance from this code requirement. This is a list of all variances granted for abandoned tanks.

Government Publication Date: Oct 31, 2016

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: Nov 30, 2016

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial **WDSH**

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial **WWIS**

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

Government Publication Date: Jun 30, 2016

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.



City Directory Information Source
Vernon's Ottawa, ON City Directory

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 2011	
Site Listing:	- Address Not Listed
Adjacent Properties:	
256 Carruthers Avenue	- Address Not Listed
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)

329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- KFC
1145 Wellington Street West	- RBC Royal Bank - Succursales

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 2005/06	
Site Listing:	- Res (2 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Address Not Listed
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed

177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- RBC Royal Bank

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 2000/01	
Site Listing:	- Address Not Listed
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)

266 Carruthers Avenue	- Youville Centre Preschool
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Tavern
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1995/96	
Site Listing:	- Res (3 Tenant)
Adjacent Properties:	

256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (4 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Tavern
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1990	

Site Listing:	- Res (3 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- No Return
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (3 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Tavern
1096 Wellington Street West	- Scott's Chicken Villa Store
1145 Wellington Street West	- Royal Bank of Canada

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario

Year: 1984	
Site Listing:	- Res (2 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Address Not Listed
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Tavern
1096 Wellington Street West	- Scott's Chicken Villa Store
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1980	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- No Return
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Silver Spur Tavern
1096 Wellington Street West	- Scott's Chicken Villa Store

1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1975	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Vacant
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed

123 Stirling Avenue	- Wellington Public House
1096 Wellington Street West	- Scott's Chicken Villa Store
1145 Wellington Street West	- A&W Drive In Ltd

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1970	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)

106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Wellington House
1096 Wellington Street West	- Scott's Chicken Villa Store
1145 Wellington Street West	- A&W Drive In Ltd

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1965	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)
177 Armstrong Avenue	- Address Not Listed

327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling House
1096 Wellington Street West	- Pantalone Gordon Service Strn
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1960	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)

177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling House
1096 Wellington Street West	- Pantalone Gordon Service Strn
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1955	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)

266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling House
1096 Wellington Street West	- British American Oil Co Ltd
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1950	
Site Listing:	- Address Not Listed
Adjacent Properties:	

256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Res (1 Tenant)
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (2 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Hotel
1096 Wellington Street West	- British American Oil Co Ltd
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1945	

Site Listing:	- Address Not Listed
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Absent
329 Hinchey Avenue	- Res (3 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Hotel
1096 Wellington Street West	- British American Oil Co Ltd
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario

Year: 1940	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (1 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Hotel
1096 Wellington Street West	- Parfield Oil Ltd
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1935	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (3 Tenant)
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Stirling Hotel
1096 Wellington Street West	- Address Not Listed

1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1930	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Res (1 Tenant)
329 Hinchey Avenue	- Res (1 Tenant)
106 Merlon Street	- Address Not Listed

123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1924	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Address Not Listed
329 Hinchey Avenue	- Address Not Listed

106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1919	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed

327 Hinchey Avenue	- Address Not Listed
329 Hinchey Avenue	- Address Not Listed
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1914	
Site Listing:	- Res (1 Tenant)
Adjacent Properties:	
256 Carruthers Avenue	- Res (1 Tenant)
266 Carruthers Avenue	- Res (1 Tenant)
294 Carruthers Avenue	- Address Not Listed

177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Address Not Listed
329 Hinchey Avenue	- Address Not Listed
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

PROJECT NUMBER: 20170103089	
Site Address:	258 Carruthers Avenue, Ottawa, Ontario
Year: 1909	
Site Listing:	- Address Not Listed
Adjacent Properties:	
256 Carruthers Avenue	- Address Not Listed

266 Carruthers Avenue	- Address Not Listed
294 Carruthers Avenue	- Address Not Listed
177 Armstrong Avenue	- Address Not Listed
327 Hinchey Avenue	- Address Not Listed
329 Hinchey Avenue	- Address Not Listed
106 Merlon Street	- Address Not Listed
123 Stirling Avenue	- Address Not Listed
1096 Wellington Street West	- Address Not Listed
1145 Wellington Street West	- Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as "residential" with the number of tenants. The name of the residential tenant is not listed in the above city directory



APPENDIX C

Site Photographs



APPENDIX C
Site Photographs



Photo 1: Looking west at the Site from Carruthers Avenue.



Photo 2: Looking northwest at the main/northwest residential house located on the northwest corner of the Site.



APPENDIX C

Site Photographs



Photo 3: Looking southwest at the small residential building located on the southwest corner of the Site.



Photo 4: Looking east at the snow covered front yard and paved driveway located on the eastern portion of the Site. Carruthers Avenue followed by residential houses on the adjacent lands east of the Site is also visible.



APPENDIX C

Site Photographs



Photo 5: Photo of the residential house located on the adjacent property north of the Site. The concrete pads located on the west side of the main/northwest residential building and the overhead hydro lines along the northern Site boundary are also shown.



Photo 6: Waste disposal and recycling bins located along the southern Site boundary.



APPENDIX C

Site Photographs



Photo 7: Photo of the natural gas meter located on the exterior southern wall of the main/northwest building located on the Site.



Photo 8: Looking north at residential buildings located along Carruthers Avenue on the surrounding properties north of the Site.



APPENDIX C

Site Photographs



Photo 9: View of the kitchen/dining room located in one of the apartment units on the first floor of the main/northwest building. An electric baseboard heating is visible along the southern wall.

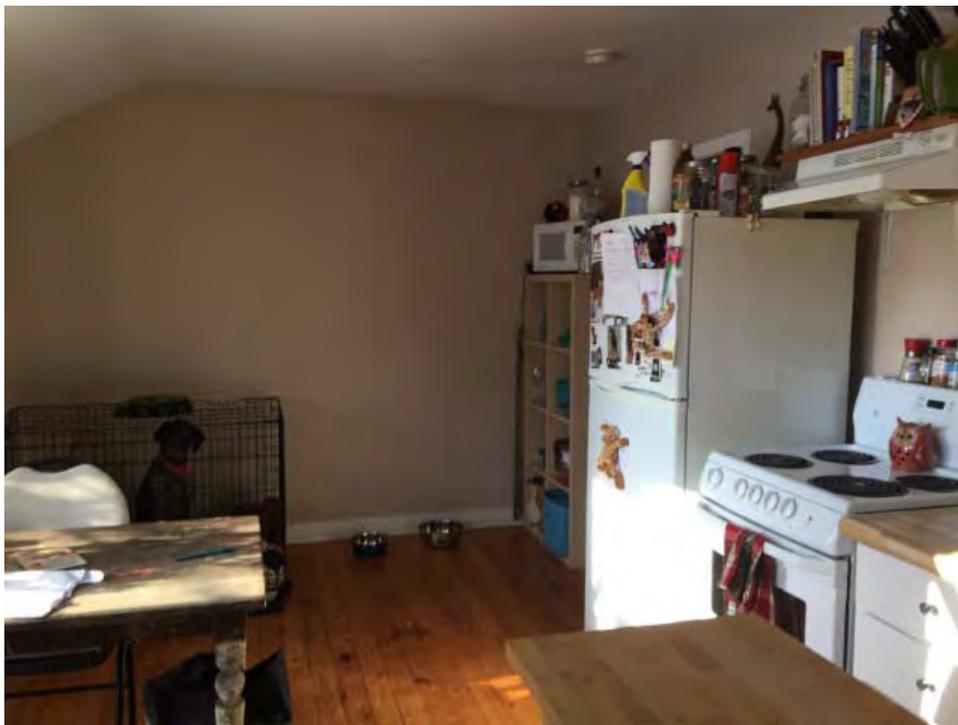


Photo 10: View of the kitchen located in one of the apartment units on the second floor of the main/northwest building. An electric baseboard heating is visible along the southern wall.



APPENDIX C

Site Photographs

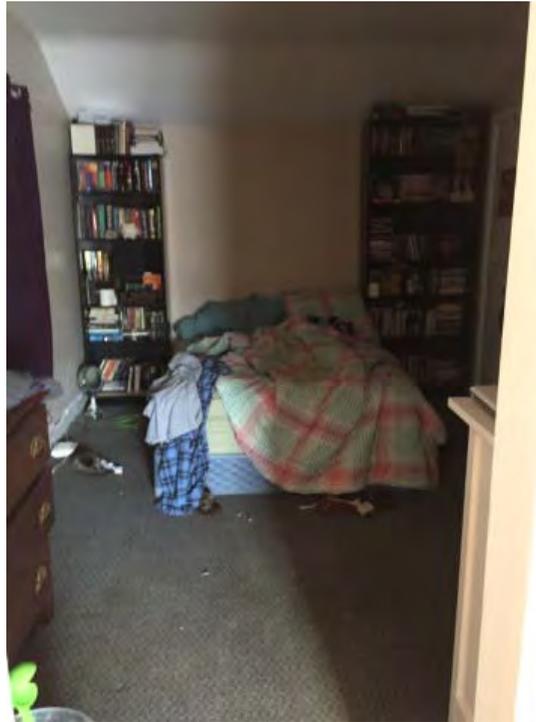


Photo 11: View of the bedroom located in one of the apartment units on the second floor of the main/northwest building.



Photo 12: Looking northeast at the former "Grant Street Garage" located on the adjacent land south of the Site at 171 Armstrong Street (formerly 177 Armstrong Street).



APPENDIX C Site Photographs



Photo 13: Photo of the current automotive garage located on the surrounding lands south of the Site at 1 Grant Street.



Photo 14: Looking south at the dry cleaning facility located on the surrounding lands southeast of the Site at 4 Sherbrooke Avenue.



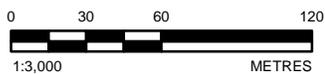
APPENDIX D

Aerial Photographs



LEGEND

-  PHASE ONE SITE
-  PHASE ONE STUDY AREA



NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
 COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT
 258-262 CARRUTHERS APTS LTD.

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

TITLE
 1938 AIR PHOTO

CONSULTANT



YYYY-MM-DD 2017-01-03

DESIGNED ----

PREPARED JEM

REVIEWED AT

APPROVED KPH

PROJECT NO.
 1671453

CONTROL
 0001

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APPENDIX
D1

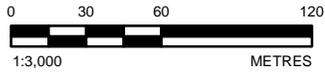
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm



LEGEND

- PHASE ONE SITE
- PHASE ONE STUDY AREA



NOTE(S)
 1. THIS FIGURE IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANYING GOLDER ASSOCIATES LTD. REPORT NO. 1671453-1000.

REFERENCE(S)
 1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
 COORDINATE SYSTEM: UTM ZONE 18 VERTICAL DATUM: CGVD28

CLIENT
 258-262 CARRUTHERS APTS LTD.

PROJECT
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 258 CARRUTHERS AVENUE, OTTAWA, ONTARIO

TITLE
 1986 AIR PHOTO

CONSULTANT	YYYY-MM-DD	2017-01-03
	DESIGNED	----
	PREPARED	JEM
	REVIEWED	AT
	APPROVED	KPH



PROJECT NO. 1671453	CONTROL 0001	REV. 0	APPENDIX D2
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: 25mm

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For more information, visit golder.com

Africa	+ 27 11 254 4800
Asia	+ 86 21 6258 5522
Australasia	+ 61 3 8862 3500
Europe	+ 44 1628 851851
North America	+ 1 800 275 3281
South America	+ 56 2 2616 2000

solutions@golder.com
www.golder.com

Golder Associates Ltd.
1931 Robertson Road
Ottawa, Ontario, K2H 5B7
Canada
T: +1 (613) 592 9600

