



Phase One Environmental Site Assessment

246 Westhaven Crescent, Ottawa, Ontario

Client:

Mr. Mike Baroud

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Phase One Environmental Site Assessment

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Date Submitted:

January 16, 2024

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Executive Summary

EXP Services Inc. (EXP) was retained by Mr. Mike Baroud to complete a Phase One Environmental Site Assessment (ESA) for a residential property located at 246 Westhaven Crescent in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was developed with a three-storey, multi-unit residential apartment building.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used for due diligence purposes in support of re-zoning of the Phase One property.

The property is located on the west side of Westhaven Crescent, south of the western intersection with Clare Street. At the time of the investigation, the Site was improved with a three-storey, multi-tenant building with associated parking lot and greenspace. The subject site is found in an urban residential neighbourhood which is serviced by municipal water and sanitary systems, as well as connected to the electrical and natural gas supply networks.

The Phase One property is legally described as 246 Westhaven Crescent: 534 m² - Plan 308 Lot; 30 Plan 353 PT; Lots H and I Registered Plan 4R27471; Parts 1 and 2.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property was developed prior to 1928.

The closest body of water is the Ottawa River located 1.4 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction towards this river.

No potentially contaminating activities (PCAs) were identified on the Phase One property and no PCAs were identified in the Phase One study area. Therefore, no areas of potential environmental concern were identified at the Phase One property.

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted since no APECs were identified.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

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

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1.0 Introduction

EXP Services Inc. (EXP) was retained by Mr. Mike Baroud to complete a Phase One Environmental Site Assessment (ESA) for a residential property located at 246 Westhaven Crescent in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was developed with a three-storey, multi-unit residential apartment building.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used for due diligence purposes in support of rezoning the Phase One property.

EXP personnel who conducted assessment work for this project included Carl Hentschel, P.Eng., PMP and Mark McCalla, P.Geo. An outline of their qualifications is provided in Appendix A.

1.2 Phase One Property Information

The property is located on the west side of Westhaven Crescent, south of the western intersection with Clare Street. At the time of the investigation, the Site was improved with a three-storey, multi-tenant building with associated parking lot and greenspace. The subject site is found in an urban residential neighbourhood which is serviced by municipal water and sanitary systems, as well as connected to the electrical and natural gas supply networks.

Topographically, the Site is relatively flat. The surrounding area has a downwards slope towards the south and west. The closest body of water is the Ottawa River located 1.4 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction towards this river.

The Phase One property is legally described as 246 Westhaven Crescent: 534 m² - Plan 308 Lot; 30 Plan 353 PT; Lots H and I Registered Plan 4R27471; Parts 1 and 2.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 441759 m E and 5026323 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Mr. Mike Baroud. Contact information for Mr. Baroud is 485 Kirkwood Avenue, Ottawa, Ontario, K1Z 5W8

The Phase One property site location and site layout are shown on Figure 1 in Appendix B.



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2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Obtaining a search of land title and assessment rolls for the Phase One property;
- Conducting at least one reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

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3.0 Records Review

3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property.

The Phase One property is zoned residential R3R. The sites surrounding the Phase One property to the northeast and south are also zoned residential, while the adjacent land to the west is zoned O1P *open space and leisure zone*. Most of the remaining properties in the Phase One study area are also zoned residential.

The Phase One study area is shown on Figure 2 in Appendix B.

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, historical maps, and other records review, it appears that 246 Westhaven Crescent was used as a residential property since at least 1928.

3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) was conducted to determine if fire insurance plans for the Phase One study area existed. Fire insurance plans for 1915 and 1922 were reviewed for the Phase One property and surrounding area. No areas of potential environmental concern (APECs) were identified.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. The chain of title information showed that the property has been privately owned since 1843.

3.5 Environmental & Geotechnical Reports

EXP's previously completed report *Phase I Environmental Site Assessment 246 Westhaven Crescent, Ottawa, Ontario*, August 30, 2019 was referred to in the preparation of this report.

No other environmental reports were available for review.

3.6 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix D.

3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

Records pertaining to the site were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI).

No records pertaining to the Phase One property were found. The MECP response is included in Appendix C.

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3.6.3 Environmental Registry

On December 23, 2023, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were identified in the Phase One study area.

3.6.4 Environmental Access

On December 23, 2023, the MECP Environmental Access website was searched for postings within the Phase One study area. No records were identified in the Phase One study area.

3.6.5 Hazardous Waste Information Network

On December 23, 2023, the Resource Productivity and recovery Authority (RPRA) Hazardous Waste Program (HWP) Registry website was searched for registered waste generators within the Phase I study area. No records were found.

3.6.6 Records of Site Condition

On December 23, 2023, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records were found.

3.6.7 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

3.6.8 PCB Storage Sites

Documents entitled *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report* prepared by Environment Canada and *Ontario Inventory of PCB Storage Sites* prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

3.6.9 Waste Disposal Sites

The document entitled *Waste Disposal Site Inventory* prepared by the MECP was reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.6.10 Street Directories

A city directories search for the Phase One study area, conducted by ERIS, found no entries of environmental concern.

3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix D.

The following entries from the EcoLog ERIS report was reviewed and summarized below:

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Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
256 Westhaven	30 m north	June 26, 2015, a small volume of hydraulic oil was spilled to the roadway. Spill reported contained.	Ontario Spills (SPL)	No, due to the small volume of contaminant spilled, the roadway location, and that it was reported cleaned up.
156 Westhaven	90 m northeast	August 7, 2003, approximately 20 L of engine oil was spilled on a patio. Spill reported it to be contained.	Ontario Spills (SPL)	No, due to the small volume of contaminant spilled and distance from the Phase One property.
Clare Street	170 m west	June 28, 2013, vehicular fluid spilled on to roadway and into storm sewer following collision.	Ontario Spills (SPL)	No, due to the distance from the Phase One property.
Kirkwood Avenue	172 m east	March 1, 1989, cooling oil leak following the fall of a pole mounted transformer.	Ontario Spills (SPL)	No, due to the distance from the Phase One property.

In addition to the databases outlined above the following entries from the EcoLog ERIS report were reviewed and summarized below:

- The Environmental Compliance Approval database identified two entries for the Phase One study area pertaining to dewatering. This occurred 200 m to the southwest of the Phase One property and is not a concern.
- A number of natural gas pipeline hit incidents were identified within 250 m of the Phase One property, and are not concerns.

Based on the review of the ERIS report no PCAs were identified.

3.8 Physical Setting Sources

3.8.1 Aerial Photographs

Aerial photographs dated 1928, 1945, 1958, 1965, 1976, 1987, 1999, 2008, 2011 and 2022 were provided by ERIS. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix E.

Aerial Photograph (year)	Details
1928	The Phase One property is developed with a small building on the eastern half of the property. The properties adjacent to the north, east, and west are also used for residential purposes. The land directly adjacent to the south appears to be an agricultural field and the land use to the west is unclear.
1945	No significant changes to the Phase One property or surrounding properties.
1958	No significant changes to the Phase One property. The land to the south has been partially redeveloped with residential buildings and Westhaven Crescent is now seen in its present configuration. The property to the west is now being used as a hydro transmission tower corridor.

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Aerial Photograph (year)	Details
1965	No significant changes to the Phase One property. Further residential development has occurred to the southeast.
1976	No significant changes to the Phase One property or surrounding properties.
1987	No significant changes to the Phase One property or surrounding properties.
1999	No significant changes to the Phase One property or surrounding properties.
2008	No significant changes to the Phase One property or surrounding properties.
2011	No significant changes to the Phase One property or surrounding properties.
2022	The subject site has been redeveloped with a large building whose footprint takes up the majority of the Phase One property.

Based on a review of the aerial photographs, no PCAs were identified.

3.8.2 Topography, Hydrology, Geology

The following information sources were reviewed to determine the nature of the subsurface materials at the site:

- Surficial Geology - Ottawa – Map 1506A, Geological Survey of Canada. Scale 1:50,000. Issued 1973.
- Bedrock Geology - Ottawa, Geological of Canada Survey. Scale 1:50,000. Issued 1976.
- Ontario Geotechnical Boreholes – Electronic Resource.
- MOE Water Well Records – Electronic Resource.
- Department of Natural Resources, Topographic Mapping. Electronic Resource.

Based on review of the above information, the subject Site is in the physiographic region known as the Ottawa Formation. The bedrock in the general area is composed of limestone with shaley partings. With respect to surficial geology, beneath any fill, the Phase One property is underlain by stratified sand.

The local topography of the Site relatively flat, while the area has a noticeable slope down to the north.

3.8.3 Fill Materials

Based on the topography of the Phase One property, it is not anticipated that fill material is present on the property.

3.8.4 Water Bodies and Areas of Natural Significance

The closest body of water is the Ottawa River located 1.4 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction towards this river.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

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3.8.5 Well Records

The Ontario well records website (<https://www.ontario.ca/page/map-well-records>) was accessed. No well records in the Phase One study area.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

3.9 Site Operating Records

No site operating records were available for review.

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4.0 Interviews

Interviews were conducted by EXP with the individuals identified to be the most knowledgeable about both the current and historical Phase One property uses. The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

Mr. George Baroud, representative of the owner, was interviewed in person on December 20, 2023. He noted that the residential building remained similar to 2019, except that one unit had been split into two separate residential units. Mr. G. Baroud was unaware of any environmental issues associated with the Phase One property.

Responses to other questions were made during site reconnaissance and are discussed in section 5.0.

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5.0 Site Reconnaissance

5.1 General Requirements

On December 20, 2023, Mr. Carl Hentschel of EXP conducted the site visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

The general environmental management and housekeeping practices at the Phase One property were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of EXP's investigation.

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 10:00 a.m. and lasted approximately ½ hour. The weather was approximately -10°C and overcast. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix F.

5.2 Specific Observations at the Phase One Property

The residential building footprint covers the majority of the Phase One property. Paved parking is found at the front (east side, off of Westhaven Crescent), a paving stone walkway along the northern property boundary, and a small yard with wooden shed is found at the rear (west side).

5.2.1 Buildings and Structures

A three-storey, multi tenant building covers the majority of the Phase One property. A wooden shed for garden tool storage is found on the westside of the property.

5.2.2 Site Utilities and Services

The Phase One property is currently serviced by municipal water and sewer services, natural gas service, overhead electrical lines, and telecommunications lines. Surrounding properties are also connected to these services.

5.3 Storage Tanks

5.3.1 Underground Storage Tanks

No underground storage tanks (USTs) were observed on the Phase One property and there was no evidence of historical UST.

5.3.2 Above Ground Storage Tanks

No above ground storage tanks (ASTs) were observed on the Phase One property.

5.4 Chemical Storage Handling and Floor Condition

No chemicals (other than domestic cleansers) are stored at the Phase One property.

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5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining of soil were observed on the Phase One property at the time of EXP's site visit. The vegetation on the Phase One property did not appear to be stressed. Note however the property was snow-covered at the time of the site visit.

5.6 Fill and Debris

It is unlikely that any significant quantities of fill material are present on the Phase One property.

5.7 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. According to the Environmental Protection Act (EPA), an ECA (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29, 1988.

The Phase One property does emit exhaust from natural gas-fired furnaces. No other air emissions were identified at the time of the site visit.

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

The Phase One property was developed with the present building in 2015. There was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, ozone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould, or other special attention substances).

5.12 Abandoned and Existing Wells

There is no evidence that there are any water wells on the Phase One property.

5.13 Roads, Parking Facilities and Right of Ways

Vehicular access is via Westhaven Crescent on the east side of the Phase One property.

5.14 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 2 in Appendix C for the adjacent land uses.

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The following land uses border the Phase One property:

- North: Residential properties;
- West: Hydroelectric transmission tower right-of-way followed by residential properties;
- East: Residential properties; and
- South: Residential properties.

No PCAs resulting in APECs were identified during the site visit.

5.15 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a “property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment.”

Therefore, in accordance with Regulation 153/04, the property is not considered to be an enhanced investigation property.

5.16 Summary and Written Description of Investigation

Based on the site visit, no PCAs resulting in APECs were identified.

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6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property was developed prior to 1928.

6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area.

No PCAs were identified on the Phase One property or in the Phase One study area.

6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present. Based on this Phase One ESA, no APECs were identified.

6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 2.

6.4.1 Buildings and Structures

A three-storey, multi-tenant residential building is present on the Phase One property.

6.4.2 Water Bodies and Groundwater Flow Direction

The closest body of water is the Ottawa River located 1.4 km to the northwest. The regional groundwater flow direction is inferred to be in the northwesterly direction towards this river.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

No well records were located for the Phase One study area.

6.4.5 Potentially Contaminating Activity

No PCAs were identified on the Phase One property or in the Phase One study area:

6.4.6 Areas of Potential Environmental Concern

No APECs were identified on the Phase One property.

6.4.7 Underground Utilities

The Phase One property is serviced by municipal sewage and water systems, and the natural gas pipelines.

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6.4.8 Subsurface Stratigraphy

The subject Site is in the physiographic region known as the Ottawa Formation. The bedrock in the general area is composed of limestone with shaley partings. With respect to surficial geology, beneath any fill, the Phase One property is underlain by stratified sand.

6.4.9 Uncertainty Analysis

The CSM is a simplification of reality, which aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property. All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

7.0 Conclusions

No potentially contaminating activities (PCAs) were identified on the Phase One property and no PCAs were identified in the Phase One study area. Therefore, no areas of potential environmental concern were identified at the Phase One property.

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted since no APECs were identified.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024

8.0 References

- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*, 2002.
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- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
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- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
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- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
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- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or Mike Baroud ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.



Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024

10.0 Signatures

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.



Carl Hentschel, P.Eng., PMP
Environmental Engineer
Earth and Environment



Mark McCalla, P.Geo.
Senior Geoscientist
Earth and Environment

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix A: Qualifications of Assessors

Qualifications of Assessors

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

Carl Hentschel, P.Eng., has over twenty years of experience in the environmental consulting field. He has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis. Mr. Hentschel is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg. 153/04.

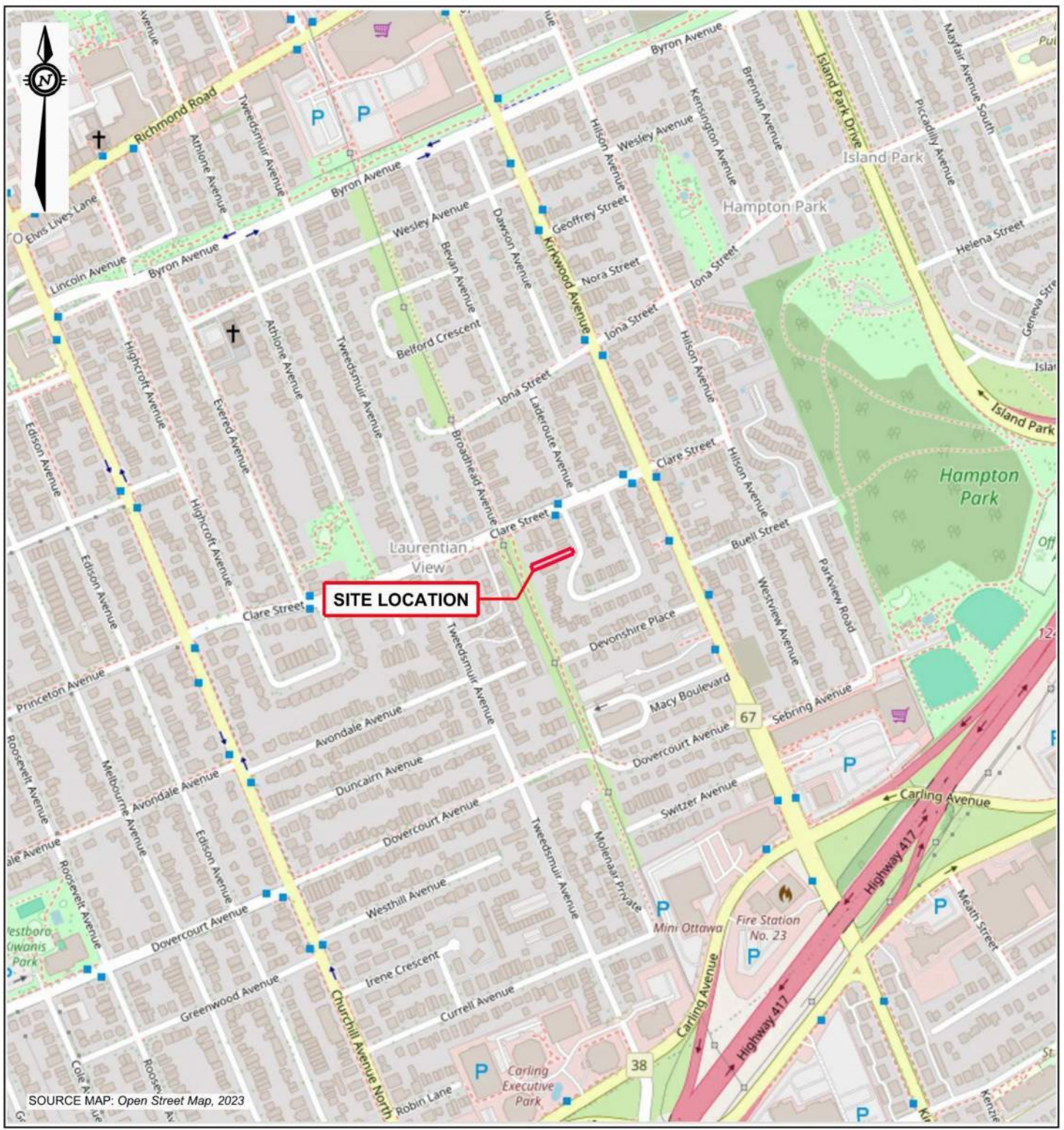
Mark McCalla, P.Geo., is a senior Environmental Scientist with EXP who has over 30 years of experience in the environmental consulting field. His technical undertakings have including work in the following fields: Phase I and II Environmental Site Assessments; Site Specific Risk Assessments; Petroleum and chlorinated hydrocarbon contaminated sites; Soil and groundwater remediation technologies; Hydrogeological, Terrain Analysis and Aggregate Assessments; Preparation of Ontario Ministry of Environment Certificate of Approvals and Records of Site Condition. Mr. McCalla is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg. 153/04.

EXP Services Inc.

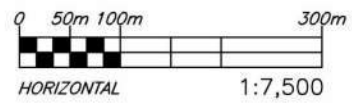
*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix B: Figures

Filename: P:\Projects\Environmental\250000s\255197-A1 Phase One 246 Westhaven\Drawings\OTT-00255197-A1_Ph-1.dwg
 Last Saved: Jan 2, 2024 2:17 PM Last Plotted: Jan 2, 2024 2:17 PM Plotted by: Severa



SOURCE MAP: Open Street Map, 2023



exp Services Inc.
 100-2650 Queensview Drive
 Ottawa, ON K2B 8H6
 www.exp.com

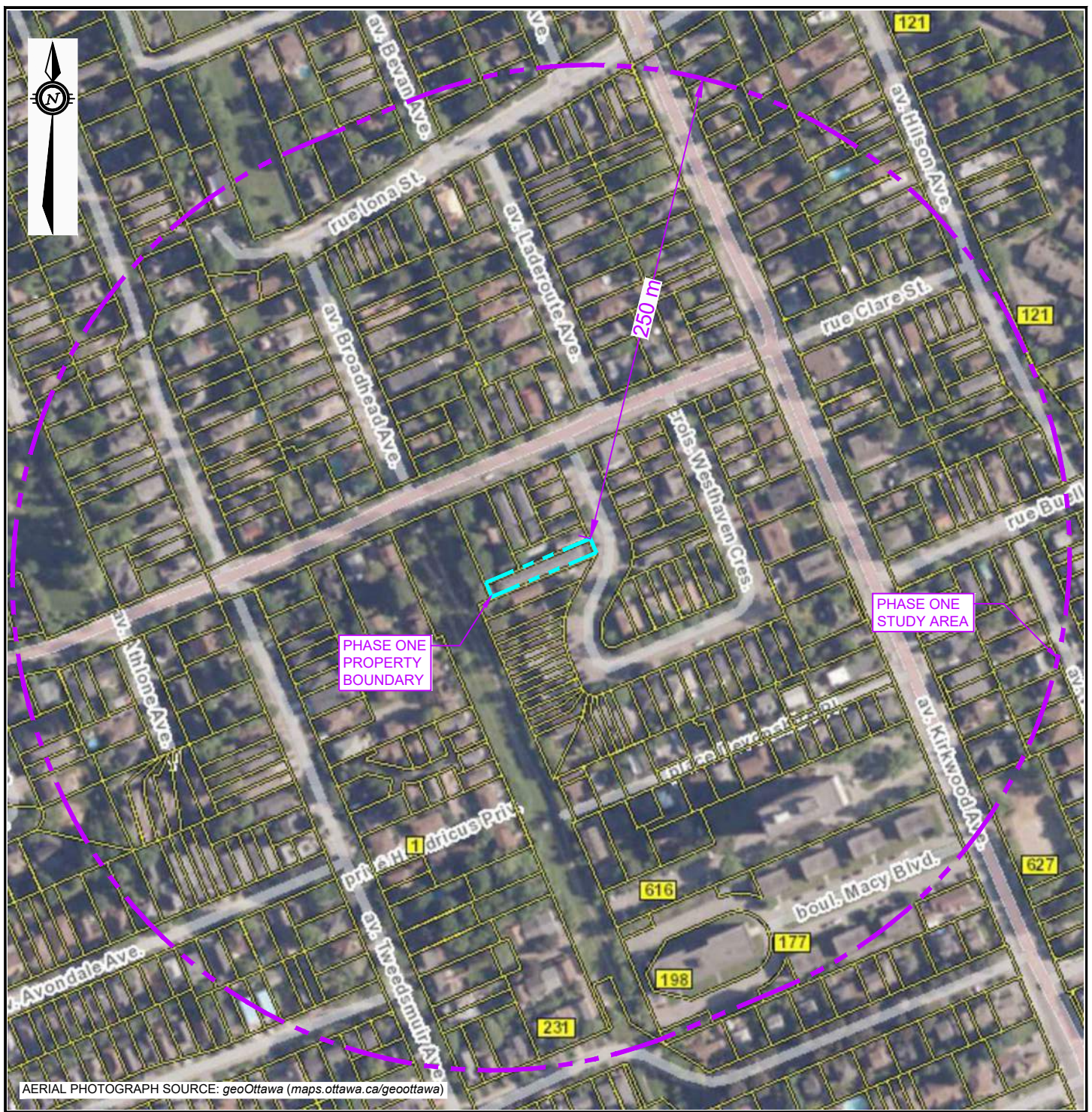


DESIGN	C.H.
DRAWN	A.S.
DATE	JANUARY 2024
FILE NO	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	SITE LOCATION PLAN

SCALE	1:7,500
SKETCH NO	
FIG 1	

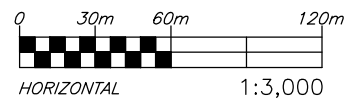
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AERIAL PHOTOGRAPH SOURCE: geoOttawa (maps.ottawa.ca/geoottawa)

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)
- INFERRED GROUNDWATER FLOW DIRECTION
- PCA #28 POTENTIALLY CONTAMINATING ACTIVITY (PCA)



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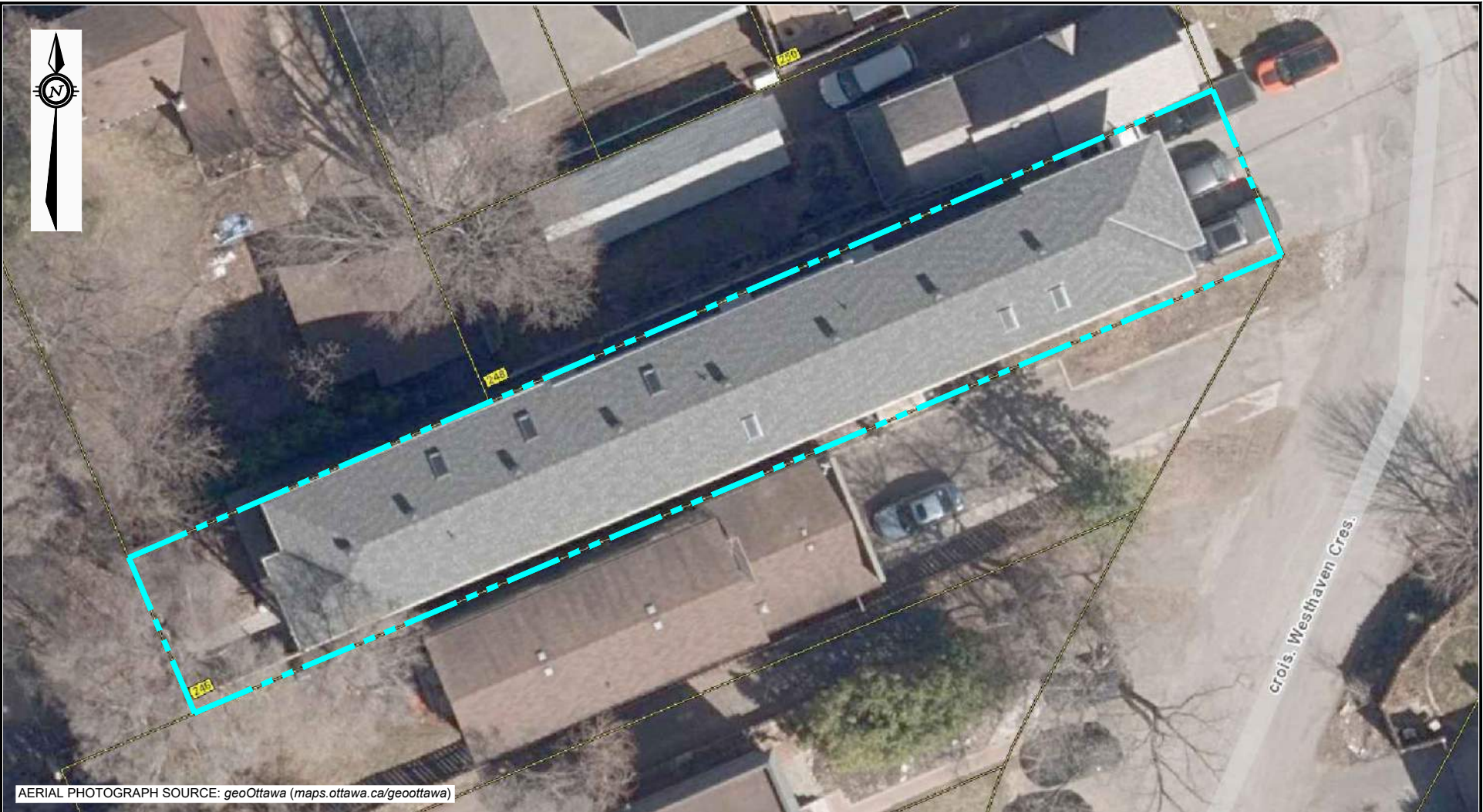


DESIGN C.H.
 DRAWN A.S.
 DATE JANUARY 2024
 FILE NO. OTT-00255197-A1

CLIENT MIKE BAROUD
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 246 WESTHAVEN CRES., OTTAWA, ON
 PROJECT
 TITLE PHASE ONE STUDY AREA

SCALE 1:3,000
 SKETCH NO
 FIG 2

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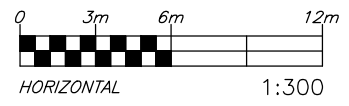
LEGEND

PROPERTY BOUNDARY

AREA OF POTENTIAL ENVIRONMENTAL CONCERN

APEC .. - PCA #.. -

APEC .. - PCA #.. -



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 100-2650 Queensview Drive
 Ottawa, ON K2B 8H6
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DESIGN	C.H.
DRAWN	A.S.
DATE	JANUARY 2024
FILE NO	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	SITE PLAN

SCALE	1:300
SKETCH NO	
FIG 3	

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix C: Title Search, Municipal Records & Provincial Records

Ministry of the Environment,
Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

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

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



January 15, 2024

Kathy Radisch
exp Services Inc
100 - 2650 Queensview Drive
Ottawa, Ontario K2B 8H6
kathy.radisch@exp.com

Dear Kathy Radisch:

RE: **MECP FOI A-2023-07599, Your Reference OTT-00255197-A1 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 246 Westhaven Crescent, Ottawa.

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned.

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

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

Yours truly,

Dany Briollais

for
Josephine DeSouza
Manager (A), Access and Privacy Office



READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

BRIEF DESCRIPTION OF LAND:

246 Westhaven Crescent, Ottawa, ON
LOT 30 ON PLAN 308 AND PART OF LOTS H AND I ON PLAN 253, BEING
PARTS 1 AND 2 ON PLAN 4R27471;

PIN: 04024-0283

LAST REGISTERED OWNER: Michel Claude Baroud

CHAIN OF TITLE:

Deed RO62878 registered Jul 25, 1843
From Nicholas Sparks to Robert Stanley

Deed RO10199 registered Jan 9, 1863
From Robert Stanley to J. B. Lewis

Deed RO20567 registered Mar 24, 1863
From J. B. Lewis to James Skead

Vesting Order NP13650 registered Oct 25, 1888
To Allison and George Holland

Plan 186 registered Aug 22, 1899 (subdivision of Lot 32, Con 1 OF)
By Allison and George Holland

Plan 206 registered May 28, 1901 (subdivision of Block G Plan 186)
By George Holland

Deed NP19346 registered ?? 1914
From George Holland to John McJanet

Plan 253 registered Nov 4, 1908 (subdivision of Block K Plan 206)
John McJanet

Block H, Plan 253

Deed 22808 registered Jun 20, 1909
From John McJanet to William Cole

Deed 45291 registered Apr 26, 1933
From estate of William Cole to Emma Wilson

Deed 45814 registered Aug 14, 1937
From Emma Wilson to Adelaide Cole

Deed 58757 registered Jan 8, 1948
From Adelaide Cole to William Loughan

Deed CR625815 registered Feb 2, 1973
From estate of William Loughan to Albex Limited

Vestin Order OC1546917 registered Dec 16, 2013
To Joanne Oscanesi – estate of Oscar Oscanesi

Block I, Plan 253

Deed 22808 registered Jun 20, 1909
From John McJanet to William Cole

Deed 31369 registered Jun 21, 1920
From William Cole to Charles Taylor

Deed 45094 registered Feb 20, 1936
From Charles Taylor to Walter Taylor

Deed CR524630 registered May 8, 1967
From Walter Taylor to William Loughan

Deed CR625815 registered Feb 2, 1973
From estate of William Loughan to Albex Limited

Block G, Plan 253

Deed 32514 registered Feb 16, 1919
From John McJanet to William Cole

Plan 308 registered Feb 17, 1911 (subdivision of Block G Plan 253)
By William Cole

Lot 30, Plan 308

Deed 36491 registered Apr 16, 1923
From estate of William Cole to Phoebe Cole

Deed 63214 registered Sep 10, 1949
From Phoebe Cole to William Loughan

Deed CR625815 registered Feb 2, 1973
From estate of William Loughan to Albex Limited

Deed CR626103 registered Feb 9, 1973
From Albex Limited to Oscar Oscanesi

ALL – PIN 04024-0283

Deed OC1654712 registered Jan 23, 2015
From Joanne Oscanesi – estate of Oscar Oscanesi to Michel Claude Baroud

ERIS City Directory Search

as of 12/28/2023

Project Property: Phase One ESA - 246 Westhaven Cr, Ottawa, ON K1Z 7G3 CA

Product Description: Smart CD Search

Notes to Client:

ERIS Order No: 23121800837

ADDRESS	YEAR	LISTING	COMMENTS	SOURCE	CITY	COUNTY	STATE
0 CLARE STREET	1941	RANGE NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1936	RANGE NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1931	RANGE NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1924	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1920	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
210-235 CLARE STREET	2021	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY			ON
	2017	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY			ON
	2012	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY			ON
0 WESTHAVEN CRESCENT	1955	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1950	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1945	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1941	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1936	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1931	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1924	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
	1920	STREET NOT LISTED		MIGHTS	OTTAWA	OTTAWA	ON
200-255 WESTHAVEN CRESCENT	2021	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY	OTTAWA		ON
	2017	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY	OTTAWA		ON
	2012	NO LISTING FOUND		DIGITAL BUSINESS DIRECTORY	OTTAWA		ON

ERIS City Directory Search

as of 12/28/2023

Project Property: Phase One ESA - 246 Westhaven Cr, Ottawa, ON K1Z 7G3 CA
ERIS Order No: 23121800837

Search Coverage: 2021,2017,2012(DIGITAL BUSINESS DIRECTORY)
1955,1950,1945,1941,1936,1931,1924,1920(MIGHTS)

Street Range: 210-235 of CLARE STREET, OTTAWA

Site Comments:

ADDRESS	FACILITIES
210-235 CLARE STREET, OTTAWA	NO LISTING FOUND (2012-2021)

ERIS City Directory Search

as of 12/28/2023

Project Property: Phase One ESA - 246 Westhaven Cr, Ottawa, ON K1Z 7G3 CA
ERIS Order No: 23121800837

Search Coverage: 2021,2017,2012(DIGITAL BUSINESS DIRECTORY)
1955,1950,1945,1941,1936,1931,1924,1920(MIGHTS)

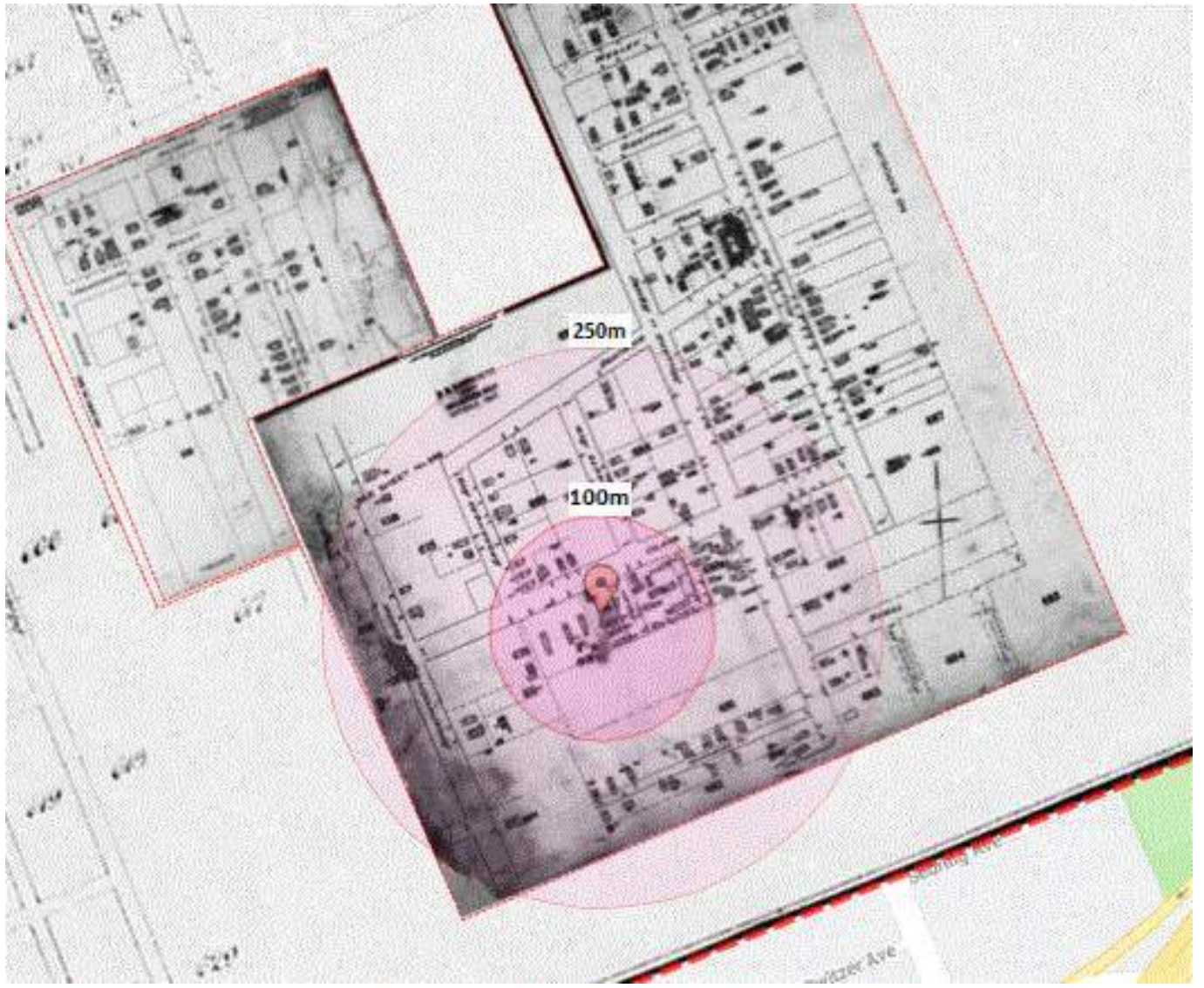
Street Range: 200-255 of WESTHAVEN CRESCENT, OTTAWA

Site Comments:

ADDRESS	FACILITIES
200-255 WESTHAVEN CRESCENT, OTTAWA	NO LISTING FOUND (2012-2021)



1915 Fire Insurance Plan



1922 Fire Insurance Plan

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix D: EcoLog ERIS Report





DATABASE REPORT

Project Property: *Phase One ESA
246 Westhaven Cr
Ottawa ON K1Z 7G3*

Project No: *OTT-00255197-A1_100_C.Hentschel*

Report Type: *Standard Report*

Order No: *23121800837*

Requested by: *exp Services Inc.*

Date Completed: *December 21, 2023*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: *Phase One ESA
246 Westhaven Cr Ottawa ON K1Z 7G3*

Project No: *OTT-00255197-A1_100_C.Hentschel*

Coordinates:

Latitude: *45.3882407*
Longitude: *-75.7446541*
UTM Northing: *5,026,350.16*
UTM Easting: *441,707.59*
UTM Zone: *18T*

Elevation: *249 FT
75.96 M*

Order Information:

Order No: *23121800837*
Date Requested: *December 18, 2023*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

City Directory Search *Smart CD Search*
ERIS Xplorer *ERIS Xplorer*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	2	2
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	5	5
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	11	12
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	1	1
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	4	4
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	7	7
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		<hr/>			
		<i>Total:</i>	1	35	36

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	EHS		246 Westhaven Crescent, Ottawa, Ontario Ottawa ON K1Z 7G3	S/7.3	-0.24	<u>19</u>

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
2	SPL	City of Ottawa	256 West Haven Ottawa ON	N/30.0	-1.08	19
3	SPL	S. 21	165 West Haven Crescent Ottawa ON K1Z 7G4	ENE/87.5	-1.42	20
4	EHS		Site 5 Devonshire Pl Ottawa ON K1Z	S/138.1	0.77	21
5	EHS		586 Kirkwood Avenue Ottawa ON K1Z 5X4	E/142.9	-1.06	21
5	EHS		586 Kirkwood Avenue Ottawa ON K1Z 5X4	E/142.9	-1.06	21
5	EHS		586 Kirkwood Avenue Ottawa ON K1Z 5X4	E/142.9	-1.06	21
6	EHS		206 Devonshire Pl Ottawa ON K1Z 7G5	SE/146.0	-0.08	21
7	EHS		590 Kirkwood Ave Ottawa ON K1Z5X4	E/156.4	-1.08	22
8	PINC		581 Tweedsmuir Avenue, Ottawa ON	SW/168.4	1.96	22
9	CA	CHELSEA NORTH HOMES LTD.	TWEEDSMUIR AVE/CLARE ST. OTTAWA CITY ON	W/170.2	0.97	22
9	SPL	Unknown<UNOFFICIAL>	south side of Clare Street just west of Tweedsmuir Avenue Ottawa ON	W/170.2	0.97	23
10	SPL	PUC	KIRKWOOD AVE. & BUELL OTTAWA CITY ON	E/172.3	-1.78	23

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	EHS		Dovercourt Ave. and Clare St Ottawa ON	SW/191.4	1.96	24
11	EHS		Dovercourt Ave. and Clare St Ottawa ON	SW/191.4	1.96	24
12	HINC		170 DEVONSHIRE PLACE OTTAWA ON K1Z 7G5	ESE/194.0	-1.08	25
13	EASR	OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED	ON	SW/197.7	1.93	25
13	EASR	OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED	ON	SW/197.7	1.93	25
14	PINC		546 Tweedsmuir Ave, Ottawa ON	W/200.6	0.83	26
15	INC		526 Kirkwood Avenue, Ottawa ON K1Z 5X1	NNE/205.5	-3.08	26
16	GEN	PSL MECHANICAL	616 Kirkwood Ave Ottawa ON K1Z 5X5	ESE/207.0	-0.95	27
17	SPL		615 Tweedsmuir Ave Ottawa ON	SSW/221.3	1.93	27
18	CA	Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON	WSW/225.2	2.05	28
18	CA	Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON	WSW/225.2	2.05	28
18	ECA	Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	WSW/225.2	2.05	28
18	ECA	Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	WSW/225.2	2.05	29

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	ECA	Athlone Private Inc.	570, 572, 574 Athlone Ave Parts 1-8, Plan 4R-21704 Ottawa ON K2H 7E9	WSW/225.2	2.05	29
19	EHS		Site 1 Avondale Ave. Ottawa ON	SW/227.5	2.92	29
20	ECA	Falsetto Homes Inc.	148 Clare St 566 Hilson Avenue Ottawa ON K2G 1V2	ENE/234.3	-2.05	30
21	EHS		570 Athlone Avenue Ottawa ON	WSW/239.3	2.85	30
22	EHS		566 Hilson Ave Ottawa ON K1Z6E1	ENE/245.3	-2.78	30
22	ECA	Falsetto Homes Inc.	566 Hilson Ave Ottawa ON K2G 1V2	ENE/245.3	-2.78	30
23	SPL	Enbridge Gas Distribution Inc.	505 Bevon Ave Ottawa ON	NNW/245.6	-3.34	31
23	PINC	PIPELINE HIT 1-1/4"	505 BEVAN AVE,,OTTAWA,ON,K1Z 5S6, CA ON	NNW/245.6	-3.34	31
24	PINC	BRIAN SHANE CONSTRUCTION LTD.	570 HILSON AVE,,OTTAWA,ON,K1X 6E1, CA ON	ENE/248.9	-2.08	32
24	SPL	Enbridge Gas Distribution Inc.	570 Hilson Ave Ottawa ON	ENE/248.9	-2.08	32

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHELSEA NORTH HOMES LTD.	TWEEDSMUIR AVE/CLARE ST. OTTAWA CITY ON	W	170.24	<u>9</u>
Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON	WSW	225.24	<u>18</u>
Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON	WSW	225.24	<u>18</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Oct 31, 2023 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED	ON	SW	197.75	<u>13</u>
OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED	ON	SW	197.75	<u>13</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Oct 31, 2023 has found that there are 5 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	WSW	225.24	<u>18</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Athlone Private Inc.	570, 572, 574 Athlone Ave Parts 1-8, Plan 4R-21704 Ottawa ON K2H 7E9	WSW	225.24	18
Athlone Private Inc.	570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	WSW	225.24	18

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Falsetto Homes Inc.	148 Clare St 566 Hilson Avenue Ottawa ON K2G 1V2	ENE	234.32	20
Falsetto Homes Inc.	566 Hilson Ave Ottawa ON K2G 1V2	ENE	245.33	22

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Sep 30, 2023 has found that there are 12 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Site 5 Devonshire PI Ottawa ON K1Z	S	138.14	4
	Dovercourt Ave. and Clare St Ottawa ON	SW	191.42	11
	Dovercourt Ave. and Clare St Ottawa ON	SW	191.42	11
	Site 1 Avondale Ave. Ottawa ON	SW	227.45	19
	570 Athlone Avenue Ottawa ON	WSW	239.35	21

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	246 Westhaven Crescent, Ottawa, Ontario Ottawa ON K1Z 7G3	S	7.33	1
	586 Kirkwood Avenue Ottawa ON K1Z 5X4	E	142.92	5
	586 Kirkwood Avenue Ottawa ON K1Z 5X4	E	142.92	5
	586 Kirkwood Avenue Ottawa ON K1Z 5X4	E	142.92	5
	206 Devonshire Pl Ottawa ON K1Z 7G5	SE	146.01	6
	590 Kirkwood Ave Ottawa ON K1Z5X4	E	156.36	7
	566 Hilson Ave Ottawa ON K1Z6E1	ENE	245.33	22

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PSL MECHANICAL	616 Kirkwood Ave Ottawa ON K1Z 5X5	ESE	207.01	16

HINC - TSSA Historic Incidents

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	170 DEVONSHIRE PLACE OTTAWA ON K1Z 7G5	ESE	193.97	12

INC - Fuel Oil Spills and Leaks

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	526 Kirkwood Avenue, Ottawa ON K1Z 5X1	NNE	205.55	<u>15</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	581 Tweedsmuir Avenue, Ottawa ON	SW	168.40	<u>8</u>
	546 Tweedsmuir Ave, Ottawa ON	W	200.56	<u>14</u>

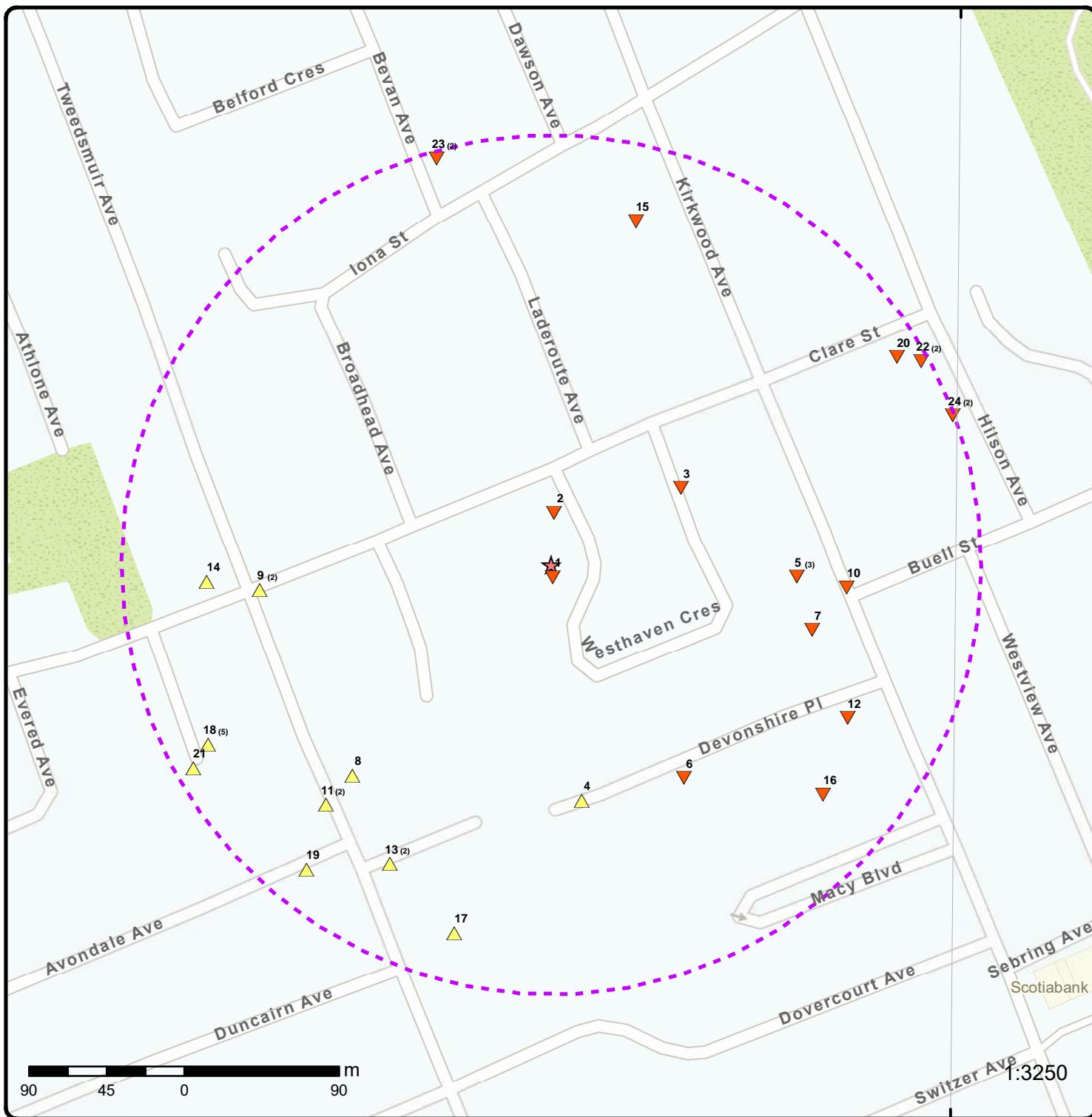
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 1-1/4"	505 BEVAN AVE., OTTAWA, ON, K1Z 5S6, CA ON	NNW	245.60	<u>23</u>
BRIAN SHANE CONSTRUCTION LTD.	570 HILSON AVE., OTTAWA, ON, K1X 6E1, CA ON	ENE	248.89	<u>24</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2021; see description has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Unknown<UNOFFICIAL>	south side of Clare Street just west of Tweedsmuir Avenue Ottawa ON	W	170.24	<u>9</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	615 Tweedsmuir Ave Ottawa ON	SSW	221.29	<u>17</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	256 West Haven Ottawa ON	N	30.02	<u>2</u>
S. 21	165 West Haven Crescent Ottawa ON K1Z 7G4	ENE	87.46	<u>3</u>
PUC	KIRKWOOD AVE. & BUELL OTTAWA CITY ON	E	172.31	<u>10</u>
Enbridge Gas Distribution Inc.	505 Bevon Ave Ottawa ON	NNW	245.60	<u>23</u>
Enbridge Gas Distribution Inc.	570 Hilson Ave Ottawa ON	ENE	248.89	<u>24</u>



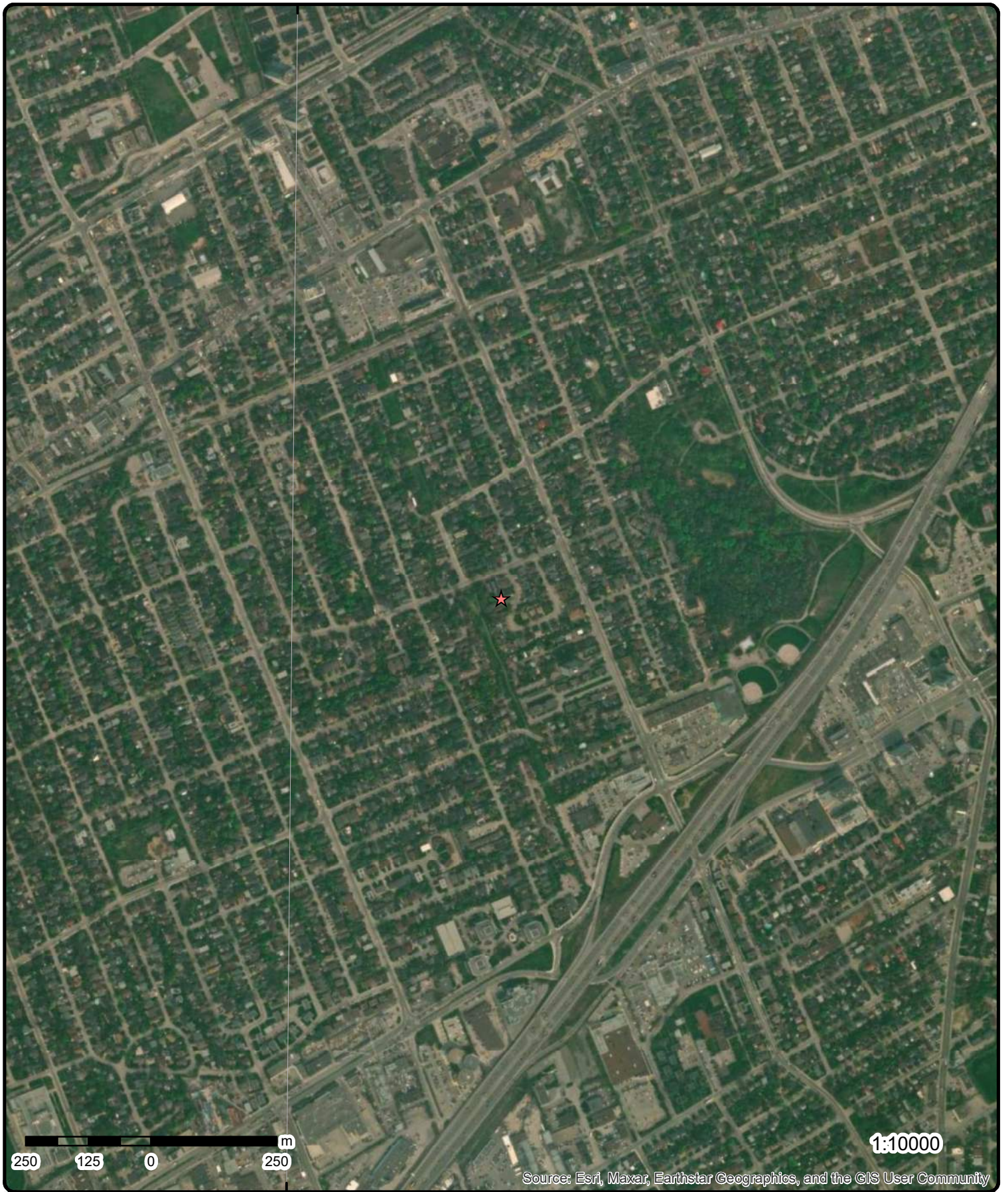
Map: 0.25 Kilometer Radius

Order Number: 23121800837

Address: 246 Westhaven Cr, Ottawa, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	Hospital



Aerial Year: 2023

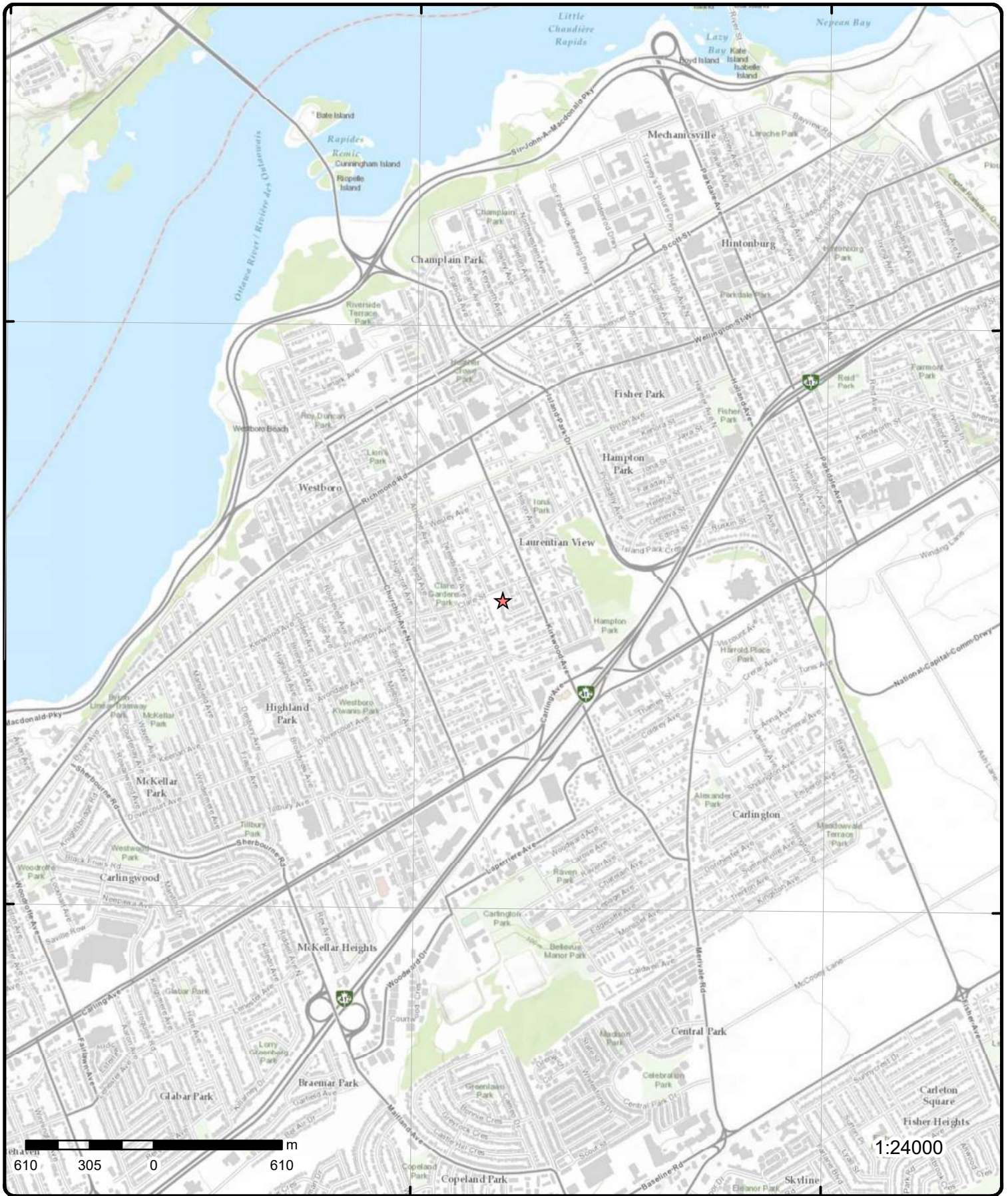
Order Number: 23121800837

Address: 246 Westhaven Cr, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 23121800837

Address: 246 Westhaven Cr, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB																																																																																																																																																								
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Environment: Incident Reason: Equipment Failure Incident Summary: City of Ottawa: Hydrc oil to road, cleaning Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Land Spills Source Type:					
<u>3</u>	1 of 1	ENE/87.5	74.5 / -1.42	S. 21 165 West Haven Crescent Ottawa ON K1Z 7G4	SPL
Ref No: 4283-5QEPKW Year: Incident Dt: 8/7/2003 Dt MOE Arvl on Scn: MOE Reported Dt: 8/14/2003 Dt Document Closed: Site No: Facility Name: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Ottawa Nearest Watercourse: Site Name: PATIO<UNOFFICIAL> Site Address: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Other Discharges Incident Event: Environment Impact: Possible Nature of Impact: Soil Contamination Contaminant Qty: 20 L System Facility Address: Client Name: S. 21 Client Type: Call Report Locatn Geodata: Contaminant Code: 15 Contaminant Name: ENGINE OIL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Receiving Environment: Incident Reason: Other - Reason not otherwise defined Incident Summary: 165 West Haven Cres - 20 L engine oil Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Other SAC Action Class: Spill to Land Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	1 of 1	S/138.1	76.7 / 0.77	Site 5 Devonshire Pl Ottawa ON K1Z	EHS
Order No:	20190403034			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-APR-19			Search Radius (km):	.25
Date Received:	03-APR-19			X:	-75.744413
Previous Site Name:				Y:	45.387009
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
<u>5</u>	1 of 3	E/142.9	74.9 / -1.06	586 Kirkwood Avenue Ottawa ON K1Z 5X4	EHS
Order No:	22080300430			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	08-AUG-22			Search Radius (km):	.25
Date Received:	03-AUG-22			X:	-75.7428299
Previous Site Name:				Y:	45.3881885
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
<u>5</u>	2 of 3	E/142.9	74.9 / -1.06	586 Kirkwood Avenue Ottawa ON K1Z 5X4	EHS
Order No:	22080300430			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	08-AUG-22			Search Radius (km):	.25
Date Received:	03-AUG-22			X:	-75.7428299
Previous Site Name:				Y:	45.3881885
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
<u>5</u>	3 of 3	E/142.9	74.9 / -1.06	586 Kirkwood Avenue Ottawa ON K1Z 5X4	EHS
Order No:	22080300430			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	08-AUG-22			Search Radius (km):	.25
Date Received:	03-AUG-22			X:	-75.7428299
Previous Site Name:				Y:	45.3881885
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
<u>6</u>	1 of 1	SE/146.0	75.9 / -0.08	206 Devonshire Pl Ottawa ON K1Z 7G5	EHS
Order No:	20121125001			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Select Report			Client Prov/State:	ON
Report Date:	04-DEC-12			Search Radius (km):	.25
Date Received:	25-NOV-12			X:	-75.743657
Previous Site Name:	Residential			Y:	45.38713
Lot/Building Size:					
Additional Info Ordered:	Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>7</u>	1 of 1	E/156.4	74.9 / -1.08	590 Kirkwood Ave Ottawa ON K1Z5X4	EHS
Order No:	20141010035			Nearest Intersection:	
Status:	C			Municipality:	Kitchissippi
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	20-OCT-14			Search Radius (km):	.25
Date Received:	10-OCT-14			X:	-75.742712
Previous Site Name:				Y:	45.387912
Lot/Building Size:	See property boundaries				
Additional Info Ordered:					
<u>8</u>	1 of 1	SW/168.4	77.9 / 1.96	581 Tweedsmuir Avenue, Ottawa ON	PINC
Incident Id:	2652894			Pipe Material:	
Incident No:	496580			Fuel Category:	Natural Gas
Incident Reported Dt:				Health Impact:	No
Type:	FS-Pipeline Incident			Environment Impact:	No
Status Code:	Pipeline Damage Reason Est			Property Damage:	Yes
Tank Status:	RC Established			Service Interrupt:	Yes
Task No:	3157179			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	No
Fuel Type:	Natural Gas			Pipeline System:	
Fuel Occurrence Tp:	Pipeline Strike			PSIG:	
Date of Occurrence:	9/3/2010 0:00			Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/03/25			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:	Construction Site (pipeline strike)				
Pipeline Type:					
Regulator Type:					
Summary:	581 Tweedsmuir Avenue, Ottawa - 1/2" Pipeline Hit				
Reported By:	Alan Armstrong - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:	Underground distribution gas line damaged.				
Damage Reason:	Facility marking or location not sufficient				
Notes:					
<u>9</u>	1 of 2	W/170.2	76.9 / 0.97	CHELSEA NORTH HOMES LTD. TWEEDSMUIR AVE/CLARE ST. OTTAWA CITY ON	CA
Certificate #:	3-1189-96-				
Application Year:	96				
Issue Date:	11/26/1996				
Approval Type:	Municipal sewage				
Status:	Revised				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	2 of 2	W/170.2	76.9 / 0.97	Unknown<UNOFFICIAL> south side of Clare Street just west of Tweedsmuir Avenue Ottawa ON	SPL
Ref No:	1472-994MBU			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	28-JUN-13			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	28-JUN-13			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
Facility Name:					
MOE Response:	No Field Response				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	south side of Clare Street just west of Tweedsmuir Avenue<UNOFFICIAL>				
Site Address:	south side of Clare Street just west of Tweedsmuir Avenue				
Site Region:					
Site Municipality:	Ottawa				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:	Collision/Accident				
Incident Event:					
Environment Impact:	Confirmed				
Nature of Impact:	Surface Water Pollution				
Contaminant Qty:	0 other - see incident description				
System Facility Address:					
Client Name:	Unknown<UNOFFICIAL>				
Client Type:					
Call Report Locatn Geodata:					
Contaminant Code:	98				
Contaminant Name:	UNKNOWN				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Receiving Environment:					
Incident Reason:	Operator/Human Error				
Incident Summary:	Vehicle fluid spilled to road and sewer due to MVA				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Motor Vehicle				
SAC Action Class:	Watercourse Spills				
Source Type:					

10	1 of 1	E/172.3	74.2 / -1.78	PUC KIRKWOOD AVE. & BUELL OTTAWA CITY ON	SPL
Ref No:	13368			Municipality No:	20101
Year:				Nature of Damage:	
Incident Dt:	1/3/1989			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	1/3/1989			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Name: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: OTTAWA CITY Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: COOLING SYSTEM LEAK Incident Event: Environment Impact: POSSIBLE Nature of Impact: Soil contamination Contaminant Qty: System Facility Address: Client Name: Client Type: Call Report Locatn Geodata: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: LAND Receiving Environment: Incident Reason: ERROR Incident Summary: PUC - UNKNOWN QTY PCB OILTO GROUND WHEN TRANSFORMER FELL. Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Source Type:					
11	1 of 2	SW/191.4	77.9 / 1.96	Dovercourt Ave. and Clare St Ottawa ON	EHS
Order No: 23051800570 Status: C Report Type: Custom Report Report Date: 24-MAY-23 Date Received: 18-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74631326 Y: 45.38697514					

11	2 of 2	SW/191.4	77.9 / 1.96	Dovercourt Ave. and Clare St Ottawa ON	EHS
Order No: 23051800570 Status: C Report Type: Custom Report Report Date: 24-MAY-23 Date Received: 18-MAY-23 Previous Site Name: Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.74631326 Y: 45.38697514					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos			
12	1 of 1	ESE/194.0	74.9 / -1.08	170 DEVONSHIRE PLACE OTTAWA ON K1Z 7G5	HINC
External File Num:		FS INC 0902-00901			
Fuel Occurrence Type:		CO Release			
Date of Occurrence:		2/16/2009			
Fuel Type Involved:		Natural Gas			
Status Desc:		Completed - No Action Required			
Job Type Desc:		Incident/Near-Miss Occurrence (FS)			
Oper. Type Involved:		Private Dwelling			
Service Interruptions:		No			
Property Damage:		No			
Fuel Life Cycle Stage:		Utilization			
Root Cause:					
Reported Details:		Facility type is not specified.			
Fuel Category:		Unknown			
Occurrence Type:		Incident			
Affiliation:		Emergency Services (Fire, Police,etc)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
13	1 of 2	SW/197.7	77.9 / 1.93	OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED ON	EASR
Approval No:		R-009-8111716139		MOE District:	Ottawa
Status:		REGISTERED		Municipality:	
Date:		2019-11-11		Latitude:	45.38666667
Record Type:		EASR		Longitude:	-75.74583333
Link Source:		MOFA		Geometry X:	
Project Type:		Water Taking - Construction Dewatering		Geometry Y:	
Full Address:					
Approval Type:		EASR-Water Taking - Construction Dewatering			
SWP Area Name:		Rideau Valley			
PDF URL:					
PDF Site Location:					
13	2 of 2	SW/197.7	77.9 / 1.93	OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED ON	EASR
Approval No:		R-009-8111716139		MOE District:	Ottawa
Status:		REGISTERED		Municipality:	
Date:		2021-05-05		Latitude:	45.38666667
Record Type:		EASR		Longitude:	-75.74583333
Link Source:		MOFA		Geometry X:	-8431987.5964
Project Type:		Water Taking - Construction Dewatering		Geometry Y:	5682601.037
Full Address:					
Approval Type:		EASR-Water Taking - Construction Dewatering			
SWP Area Name:		Rideau Valley			
PDF URL:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>PDF Site Location:</i>					
14	1 of 1	W/200.6	76.8 / 0.83	546 Tweedsmuir Ave, Ottawa ON	PINC
Incident Id:	2696674			Pipe Material:	
Incident No:	540216			Fuel Category:	Natural Gas
Incident Reported Dt:				Health Impact:	No
Type:	FS-Pipeline Incident			Environment Impact:	No
Status Code:	Pipeline Damage Reason Est			Property Damage:	Yes
Tank Status:	RC Established			Service Interrupt:	Yes
Task No:	3245431			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	No
Fuel Type:	Natural Gas			Pipeline System:	
Fuel Occurrence Tp:	Pipeline Strike			PSIG:	
Date of Occurrence:	11/19/2010 0:00			Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/03/23			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:	Construction Site (pipeline strike)				
Pipeline Type:					
Regulator Type:					
Summary:	546 Tweedsmuir Ave, Ottawa - 1/2" Pipeline Hit				
Reported By:	Stiles, Jeff - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:					
15	1 of 1	NNE/205.5	72.9 / -3.08	526 Kirkwood Avenue, Ottawa ON K1Z 5X1	INC
Incident No:	429100			Any Health Impact:	
Incident ID:	2580866			Any Enviro Impact:	
Instance No:				Service Interrupted:	
Status Code:	Causal Analysis Complete			Was Prop Damaged:	
Attribute Category:	FS-Incident			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:				Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:				Pipeline Type:	Service / Riser Distribution Pipeline
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	Plastic
Fuels Occur Type:				Depth Ground Cover:	.9m
Fuel Type Involved:				Regulator Location:	Outside
Enforcement Policy:				Regulator Type:	Service Regulator (up to 60 psi intake)
Prc Escalation Req:				Operation Pressure:	IP
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:				Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Location:		526 Kirkwood Avenue, Ottawa - 1/2" Pipeline Hit			
Occurrence Narrative:		Failing to hand dig.			
Operation Type Involved:					
Item:					
Item Description:					
Device Installed Location:					
16	1 of 1	ESE/207.0	75.0 / -0.95	PSL MECHANICAL 616 Kirkwood Ave Ottawa ON K1Z 5X5	GEN
Generator No:		ON6907982			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		212 L			
Waste Class Name:		Aliphatic solvents and residues			
17	1 of 1	SSW/221.3	77.9 / 1.93	615 Tweedsmuir Ave Ottawa ON	SPL
Ref No:		6281-APEPRK		Municipality No:	
Year:				Nature of Damage:	
Incident Dt:		7/19/2017		Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:		7/19/2017		Health/Env Conseq: 2 - Minor Environment	
Dt Document Closed:				Agency Involved:	
Site No:		NA			
Facility Name:					
MOE Response:		No			
Site County/District:					
Site Geo Ref Meth:					
Site District Office:		Ottawa			
Nearest Watercourse:					
Site Name:		Catch Basin<UNOFFICIAL>			
Site Address:		615 Tweedsmuir Ave			
Site Region:		Eastern			
Site Municipality:		Ottawa			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:		5026139.81			
Easting:		441656.9			
Incident Cause:					
Incident Event:		Dumping			
Environment Impact:					
Nature of Impact:					
Contaminant Qty:		0 other - see incident description			
System Facility Address:					
Client Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Type: Call Report Locatn Geodata: Contaminant Code: 27 Contaminant Name: PAINT OR PAINT RELATED N.O.S. Contaminant Limit 1: Contam Limit Freq 1: none Contaminant UN No 1: 1263 Receiving Medium: Receiving Environment: Surface Water Incident Reason: Deliberate Act Incident Summary: Paint dumped into catch basin Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Unknown / N/A SAC Action Class: Watercourse Spills Source Type: Unknown / N/A					
18	1 of 5	WSW/225.2	78.0 / 2.05	Athlone Private Inc. 570,572,574,576,578,580 Athlone Ave Ottawa ON	CA
Certificate #: 1248-8AFJ7L Application Year: 2010 Issue Date: 11/22/2010 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:					
18	2 of 5	WSW/225.2	78.0 / 2.05	Athlone Private Inc. 570,572,574,576,578,580 Athlone Ave Ottawa ON	CA
Certificate #: 5176-8CZTVF Application Year: 2011 Issue Date: 1/27/2011 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:					
18	3 of 5	WSW/225.2	78.0 / 2.05	Athlone Private Inc. 570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	ECA
Approval No: 5176-8CZTVF Approval Date: 2011-01-27 MOE District: Ottawa City:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	Approved			Longitude:	-75.88
Record Type:	ECA			Latitude:	45.3343
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Athlone Private Inc.				
Address:	570,572,574,576,578,580 Athlone Ave				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1429-8A8U8K-14.pdf				
PDF Site Location:					

18	4 of 5	WSW/225.2	78.0 / 2.05	Athlone Private Inc. 570,572,574,576,578,580 Athlone Ave Ottawa ON K2H 7E9	ECA
Approval No:	1248-8AFJ7L			MOE District:	Ottawa
Approval Date:	2010-11-22			City:	
Status:	Approved			Longitude:	-75.88
Record Type:	ECA			Latitude:	45.3343
Link Source:	IDS			Geometry X:	
SWP Area Name:	Mississippi Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Athlone Private Inc.				
Address:	570,572,574,576,578,580 Athlone Ave				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3023-8A8TSB-14.pdf				
PDF Site Location:					

18	5 of 5	WSW/225.2	78.0 / 2.05	Athlone Private Inc. 570, 572, 574 Athlone Ave Parts 1-8, Plan 4R-21704 Ottawa ON K2H 7E9	ECA
Approval No:	2473-7Z2JJA			MOE District:	
Approval Date:	2010-01-08			City:	
Status:	Revoked and/or Replaced			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Athlone Private Inc.				
Address:	570, 572, 574 Athlone Ave Parts 1-8, Plan 4R-21704				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3062-7YYMQ7-14.pdf				
PDF Site Location:					

19	1 of 1	SW/227.5	78.9 / 2.92	Site 1 Avondale Ave. Ottawa ON	EHS
Order No:	20190319125			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	26-MAR-19			Search Radius (km):	.25
Date Received:	19-MAR-19			X:	-75.746453
Previous Site Name:				Y:	45.386633
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	ENE/234.3	73.9 / -2.05	Falsetto Homes Inc. 148 Clare St 566 Hilson Avenue Ottawa ON K2G 1V2	ECA
<p> Approval No: 6798-A7AQCM Approval Date: 2016-02-24 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Falsetto Homes Inc. Address: 148 Clare St 566 Hilson Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5383-9Z6QW6-14.pdf PDF Site Location: </p>					
21	1 of 1	WSW/239.3	78.8 / 2.85	570 Athlone Avenue Ottawa ON	EHS
<p> Order No: 20090703021 Status: C Report Type: Standard Report Report Date: 7/14/2009 Date Received: 7/3/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered: </p> <p> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.747299 Y: 45.38716 </p>					
22	1 of 2	ENE/245.3	73.2 / -2.78	566 Hilson Ave Ottawa ON K1Z6E1	EHS
<p> Order No: 20140516025 Status: C Report Type: Standard Report Report Date: 27-MAY-14 Date Received: 16-MAY-14 Previous Site Name: Lot/Building Size: 702.6 square metres Additional Info Ordered: Fire Insur. Maps and/or Site Plans </p> <p> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.741853 Y: 45.389316 </p>					
22	2 of 2	ENE/245.3	73.2 / -2.78	Falsetto Homes Inc. 566 Hilson Ave Ottawa ON K2G 1V2	ECA
<p> Approval No: 7078-9ZBRQ3 Approval Date: 2015-08-13 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Falsetto Homes Inc. Address: 566 Hilson Ave Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9765-9Z9PGS-14.pdf </p> <p> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </p>					

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

23	1 of 2	NNW/245.6	72.6 / -3.34	Enbridge Gas Distribution Inc. 505 Bevon Ave Ottawa ON	SPL
Ref No:	2463-AQRM7C			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	8/31/2017			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	8/31/2017			Health/Env Conseq:	2 - Minor Environment
Dt Document Closed:	9/6/2017			Agency Involved:	
Site No:	NA				
Facility Name:					
MOE Response:	No				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:	Ottawa				
Nearest Watercourse:					
Site Name:	residential<UNOFFICIAL>				
Site Address:	505 Bevon Ave				
Site Region:	Eastern				
Site Municipality:	Ottawa				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:	Leak/Break				
Environment Impact:					
Nature of Impact:					
Contaminant Qty:	0 other - see incident description				
System Facility Address:					
Client Name:	Enbridge Gas Distribution Inc.				
Client Type:	Corporation				
Call Report Locatn Geodata:					
Contaminant Code:	35				
Contaminant Name:	NATURAL GAS (METHANE)				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:	1075				
Receiving Medium:					
Receiving Environment:	Air				
Incident Reason:	Operator/Human Error				
Incident Summary:	TSSA: 1.25 ip pl line strike - made safe-				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Miscellaneous Communal				
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill				
Source Type:	Pipeline/Components				

23	2 of 2	NNW/245.6	72.6 / -3.34	PIPELINE HIT 1-1/4" 505 BEVAN AVE,, OTTAWA, ON, K1Z 5S6, CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	2146618			Fuel Category:	
Incident Reported Dt:	8/31/2017			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: PIPELINE HIT 1-1/4" Incident Address: 505 BEVAN AVE.,OTTAWA,ON,K1Z 5S6,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					

24	1 of 2	ENE/248.9	73.9 / -2.08	BRIAN SHANE CONSTRUCTION LTD. 570 HILSON AVE.,OTTAWA,ON,K1X 6E1,CA ON	PINC
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Incident Id: Incident No: 2018222 Incident Reported Dt: 2/2/2017 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: BRIAN SHANE CONSTRUCTION LTD. Incident Address: 570 HILSON AVE.,OTTAWA,ON,K1X 6E1,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					

24	2 of 2	ENE/248.9	73.9 / -2.08	Enbridge Gas Distribution Inc. 570 Hilson Ave Ottawa ON	SPL
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Ref No: 1807-AJ6SKB Year: Incident Dt: 2/1/2017 Dt MOE Arvl on Scn: MOE Reported Dt: 2/1/2017 Dt Document Closed: 2/3/2017 Site No: NA Facility Name:					
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
MOE Response:		No			
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:		site<UNOFFICIAL>			
Site Address:		570 Hilson Ave			
Site Region:					
Site Municipality:		Ottawa			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:					
Incident Event:		Leak/Break			
Environment Impact:					
Nature of Impact:					
Contaminant Qty:		0 other - see incident description			
System Facility Address:					
Client Name:		Enbridge Gas Distribution Inc.			
Client Type:					
Call Report Locatn Geodata:					
Contaminant Code:		35			
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Receiving Environment:		Air			
Incident Reason:		Operator/Human Error			
Incident Summary:		TSSA - Enbridge, 1 ¼ " plastic main line damaged, made safe			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Miscellaneous Communal			
SAC Action Class:		TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			
Source Type:					

Unplottable Summary

Total: 17 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Athlone Private Inc.		Ottawa ON	
CA	Larco Land Corporation	Part of Lot 32, Concession 1, Ottawa Front	Ottawa ON	
CA		Tweedsmuir Avenue	Ottawa ON	
CA	City of Ottawa	Between Carling Avenue and Clare St	Ottawa ON	
EBR	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1	OTTAWA ON	
ECA	City of Ottawa	Avondale Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Broadhead Avenue and Iona Street from the west dead end to Hilson Avenue	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Between Carling Avenue and Clare St	Ottawa ON	K2G 6J8
ECA	Falsetto Homes Inc.	Clare St	Ottawa ON	K2G 1V2
ECA	City of Ottawa	Avondale Ave	Ottawa ON	K2G 6J8
PINC	PIPELINE HIT 2"	IONA ST.,OTTAWA,ON,K1Y 3L6,CA	ON	
PTTW	3223701 Canada Inc.	Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA	ON	
SPL		denied s. 21(1)	Ottawa ON	
WWIS		lot 32	ON	
WWIS		lot 32	ON	
WWIS		lot 32	ON	
WWIS		lot 32	ON	

Unplottable Report

Site: *Athlone Private Inc.
Ottawa ON*

Database:
CA

Certificate #: 2473-7Z2JJA
Application Year: 2010
Issue Date: 1/8/2010
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Larco Land Corporation
Part of Lot 32, Concession 1, Ottawa Front Ottawa ON*

Database:
CA

Certificate #: 6996-5F5HDF
Application Year: 2002
Issue Date: 10/22/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Tweedsmuir Avenue Ottawa ON*

Database:
CA

Certificate #: 2750-4XTGXB
Application Year: 01
Issue Date: 6/20/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the City of Ottawa
Client Address: 111 Sussex Drive, 7th Floor
Client City: Ottawa
Client Postal Code: K1N 5A1
Project Description: This application is for the construction of watermain and appurtenances on Tweedsmuir Avenue.
Contaminants:
Emission Control:

Site: *City of Ottawa
Between Carling Avenue and Clare St Ottawa ON*

Database:
CA

Certificate #: 9651-82XSP2
Application Year: 2010

Issue Date: 2/25/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 3223701 Canada Inc.
Petrie's Landing II Lot 33, Concession 1 OTTAWA ON

Database:
EBR

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument Proposal
Notice Stage:
Notice Date:
Proposal Date: November 22, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to take water
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: City of Ottawa
Avondale Ave Ottawa ON K2G 6J8

Database:
ECA

Approval No: 6510-BG4PS7
Approval Date: 2019-09-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Avondale Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4494-BFXHRM-14.pdf>
PDF Site Location:

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

Site: City of Ottawa
Broadhead Avenue and Iona Street from the west dead end to Hilson Avenue Ottawa ON K2G 6J8

Database:
ECA

Approval No: 3087-AN6HPJ
Approval Date: 2017-06-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

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

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Broadhead Avenue and Iona Street from the west dead end to Hilson Avenue
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/7709-AN3QCZ-14.pdf>
PDF Site Location:

Site: **City of Ottawa**
Between Carling Avenue and Clare St Ottawa ON K2G 6J8

Database:
ECA

Approval No: 9651-82XSP2
Approval Date: 2010-02-25
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Between Carling Avenue and Clare St
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8716-82QQR4-14.pdf>
PDF Site Location:

MOE District: Ottawa
City:
Longitude: -75.7442
Latitude: 45.3906
Geometry X:
Geometry Y:

Site: **Falsetto Homes Inc.**
Clare St Ottawa ON K2G 1V2

Database:
ECA

Approval No: 5977-9ZBLSX
Approval Date: 2015-08-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Falsetto Homes Inc.
Address: Clare St
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8709-9Z9PD4-14.pdf>
PDF Site Location:

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

Site: **City of Ottawa**
Avondale Ave Ottawa ON K2G 6J8

Database:
ECA

Approval No: 9613-BU8MKG
Approval Date: 2020-10-16
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Avondale Ave
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5001-BTWRD9-14.pdf>
PDF Site Location:

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

Site: **PIPELINE HIT 2"**
IONA ST,,OTTAWA,ON,K1Y 3L6,CA ON

Database:
PINC

Incident Id:
Incident No: 2351230

Pipe Material:
Fuel Category:

Incident Reported Dt: 7/19/2018
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: PIPELINE HIT 2"
Incident Address: IONA ST.,OTTAWA,ON,K1Y 3L6,CA
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Site: 3223701 Canada Inc.
Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 012-0496
Ministry Ref No: 2600-9DMNQJ
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 10, 2014
Proposal Date: November 22, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: 3223701 Canada Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 98 Lois Street, Gatineau Quebec, Canada J8Y 3R7
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Petrie's Landing II Lot 33, Concession 1 Geographic Township of Cumberland, Ottawa CITY OF OTTAWA

Site: denied s. 21(1) Ottawa ON

Database:
SPL

Ref No: 3017-6BEK8K
Year:
Incident Dt: 4/13/2005
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/13/2005
Dt Document Closed:
Site No:
Facility Name:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: denied s. 21(1)
Site Address:

Municipality No:
Nature of Damage:
Discharger Report: 0
Material Group: Oil
Health/Env Conseq:
Agency Involved:

Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Tank (Above Ground) Leak
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Call Report Locatn Geodata:
Contaminant Code:
Contaminant Name: FURNACE OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Receiving Environment:
Incident Reason: Equipment Failure
Incident Summary: TSSA: furnace oil to soil
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other
SAC Action Class: M.C.B.S. - Fuel Safety; Spill to Land
Source Type:

Site: lot 32 ON

Database:
WWIS

Well ID: 1536399	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st:	Data Entry Status:
Use 2nd:	Data Src:
Final Well Status: Abandoned-Other	Date Received: 06/19/2006
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec: Yes
Audit No: Z34812	Contractor: 6964
Tag:	Form Version: 3
Constructn Method:	Owner:
Elevation (m):	County: OTTAWA-CARLETON
Elevatn Reliability:	Lot: 032
Depth to Bedrock:	Concession:
Well Depth:	Concession Name:
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: 15000	
Site Info:	

Bore Hole Information

Bore Hole ID: 11550465	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone:
Code OB:	East83:
Code OB Desc:	North83:
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 05/06/2006	UTMRC Desc: unknown UTM

Remarks:

Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 933057971
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.7699999809265137
Formation End Depth: 4.869999885559082
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933057970
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.7699999809265137
Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933293796
Layer: 1
Plug From: 0.0
Plug To: 0.5
Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933293797
Layer: 2
Plug From: 0.5
Plug To: 4.869999885559082
Plug Depth UOM: m

Method of Construction & Well

Use

Method Construction ID: 961536399
Method Construction Code:

Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11560072
Casing No: 1
Comment:
Alt Name:

Site:
lot 32 ON

Database:
WWIS

Well ID: 1531568
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Dewatering
Water Type:
Casing Material:
Audit No: 224542
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/17/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053102
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/06/2000
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931078875
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 34
Mat3 Desc: TILL
Formation Top Depth: 12.0

Formation End Depth: 16.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931078873
Layer: 1
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931078876
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931078874
Layer: 2
Color: 6
General Color: BROWN
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 3.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933116739
Layer: 1
Plug From: 0.0
Plug To: 15.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961531568
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601672
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092999
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093000
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 10.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093001
Layer: 3
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 8.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531568
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 10.0
Recommended Pump Depth: 20.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934915010
Test Type: Recovery
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658119
Test Type: Recovery
Test Duration: 45
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397184
Test Type: Recovery
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934113985
Test Type: Recovery
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Water Details

Water ID: 933492078
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 22.0
Water Found Depth UOM: ft

Water Details

Water ID: 933492077
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 17.0
Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1525295
Construction Date:
Use 1st: Cooling And A/C
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 68535
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/16/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1

Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Owner:
County: OTTAWA-CARLETON
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047035
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/12/1990
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931060710
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 47.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060711
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 47.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060712
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 62.0
Formation End Depth: 145.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931060713
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 145.0
Formation End Depth: 183.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525295
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595605
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082345
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 183.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082344
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To: 65.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525295
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111709
Test Type:
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648077
Test Type:
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387113
Test Type:
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905256
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933484248
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 177.0

Water Found Depth UOM: ft

Site:
lot 32 ON

Database:
WWIS

Well ID: 1525294
Construction Date:
Use 1st: Cooling And A/C
Use 2nd:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 68536
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/16/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 032
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047034
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/13/1990
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931060708
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 63.0
Formation End Depth: 154.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060707
Layer: 2

Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060709
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 154.0
Formation End Depth: 203.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060706
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961525294
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595604
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082343
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 203.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082342
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 66.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525294
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 80.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934905255
Test Type:
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648076
Test Type:
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111708
Test Type:
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387112
Test Type:
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933484247
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 198.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Aug 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Sep 2023

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Oct 31, 2023

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Oct 31, 2023

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994 - Oct 31, 2023

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011- Oct 31, 2023

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Sep 30, 2023

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 2023

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2020

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2023

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2021

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Oct 2022

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic:

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. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2023

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders:

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Oct 31, 2023

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011- Oct 31, 2023

NPRI Reporters - PFAS Substances:

Federal

PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per- and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Oct 31, 2023

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial **RSC**

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Oct 2023

Retail Fuel Storage Tanks:

Private **RST**

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

Government Publication Date: 1999-Oct 31, 2023

Scott's Manufacturing Directory:

Private **SCT**

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial **SPL**

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in February, March, May, June-November 2022, and January 2023 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Dec 2021; see description

Wastewater Discharger Registration Database:

Provincial **SRDS**

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private **TANK**

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal **TCFT**

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial **VAR**

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Oct 31, 2023

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Mar 31 2023

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.

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix E: Aerial Photographs

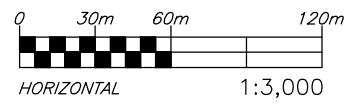
Filename: P:\Projects\Environmental\250000s\255197-A1_Phase One 246 Westhaven\Drawings\OTT-00255197-A1_Ph-1.dwg
 Last Saved: Jan 2, 2024 2:39 PM Last Plotted: Jan 2, 2024 2:40 PM Plotted by: SeverA



AERIAL PHOTOGRAPH SOURCE: geoOttawa (maps.ottawa.ca/geoottawa)

LEGEND

- - - - - PROPERTY BOUNDARY
- - - - - STUDY AREA (250m)



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DESIGN	C.H.
DRAWN	A.S.
DATE	JANUARY 2024
FILE NO.	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	1928 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO	
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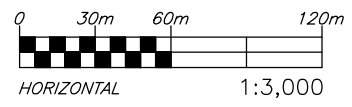
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AERIAL PHOTOGRAPH SOURCE: NATIONAL AIR PHOTO LIBRARY

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)



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DRAWN	A.S.
DATE	JANUARY 2024
FILE NO	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	1945 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO	AER-2

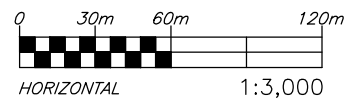
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- - - - - PROPERTY BOUNDARY
- - - - - STUDY AREA (250m)



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DRAWN	A.S.
DATE	JANUARY 2024
FILE NO.	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	1958 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO	
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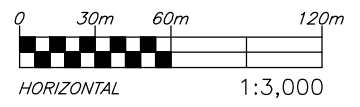
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- - - STUDY AREA (250m)



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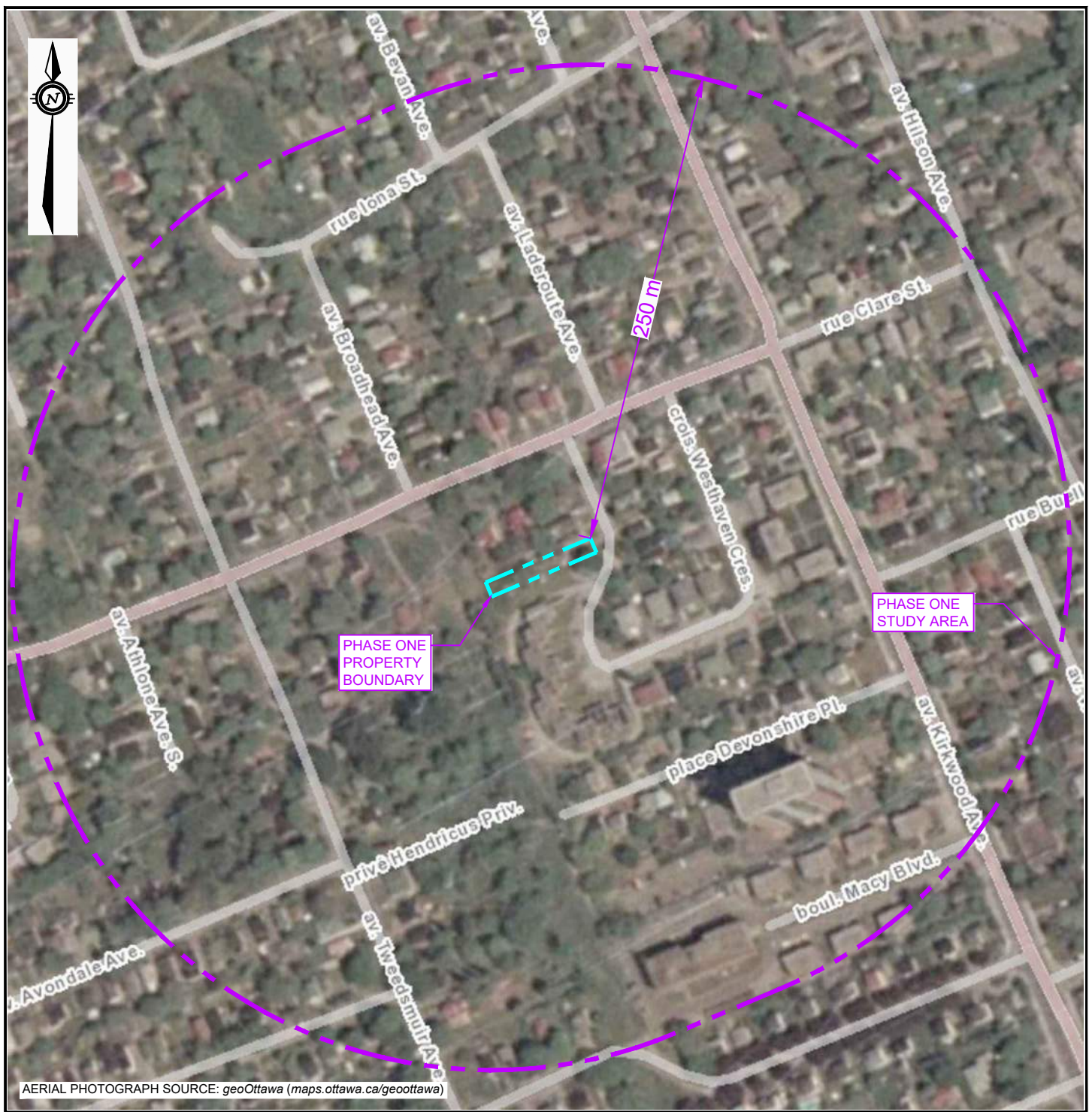


DESIGN	C.H.
DRAWN	A.S.
DATE	JANUARY 2024
FILE NO.	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	1965 AERIAL PHOTOGRAPH

SCALE	1:3,000
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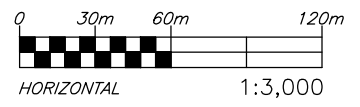
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- - - - - PROPERTY BOUNDARY
- - - - - STUDY AREA (250m)



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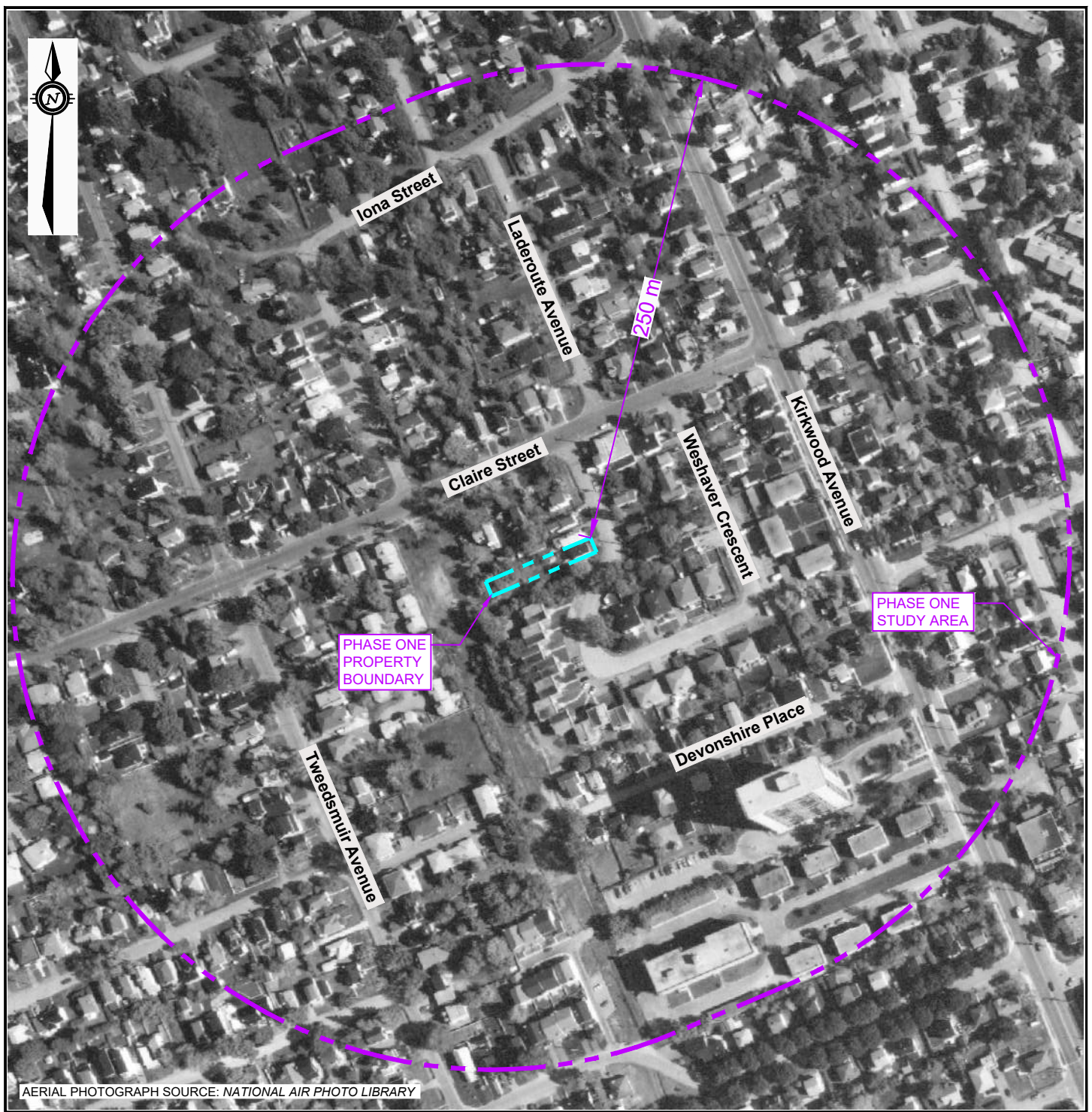


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DRAWN	A.S.
DATE	JANUARY 2024
FILE NO.	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	1976 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO.	AER-5

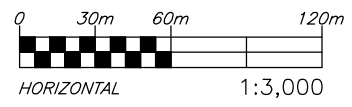
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CLIENT MIKE BAROUD
 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 246 WESTHAVEN CRES., OTTAWA, ON
 PROJECT
 TITLE 1987 AERIAL PHOTOGRAPH

SCALE 1:3,000
 SKETCH NO
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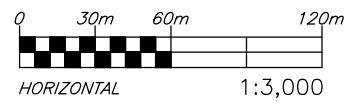
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LEGEND

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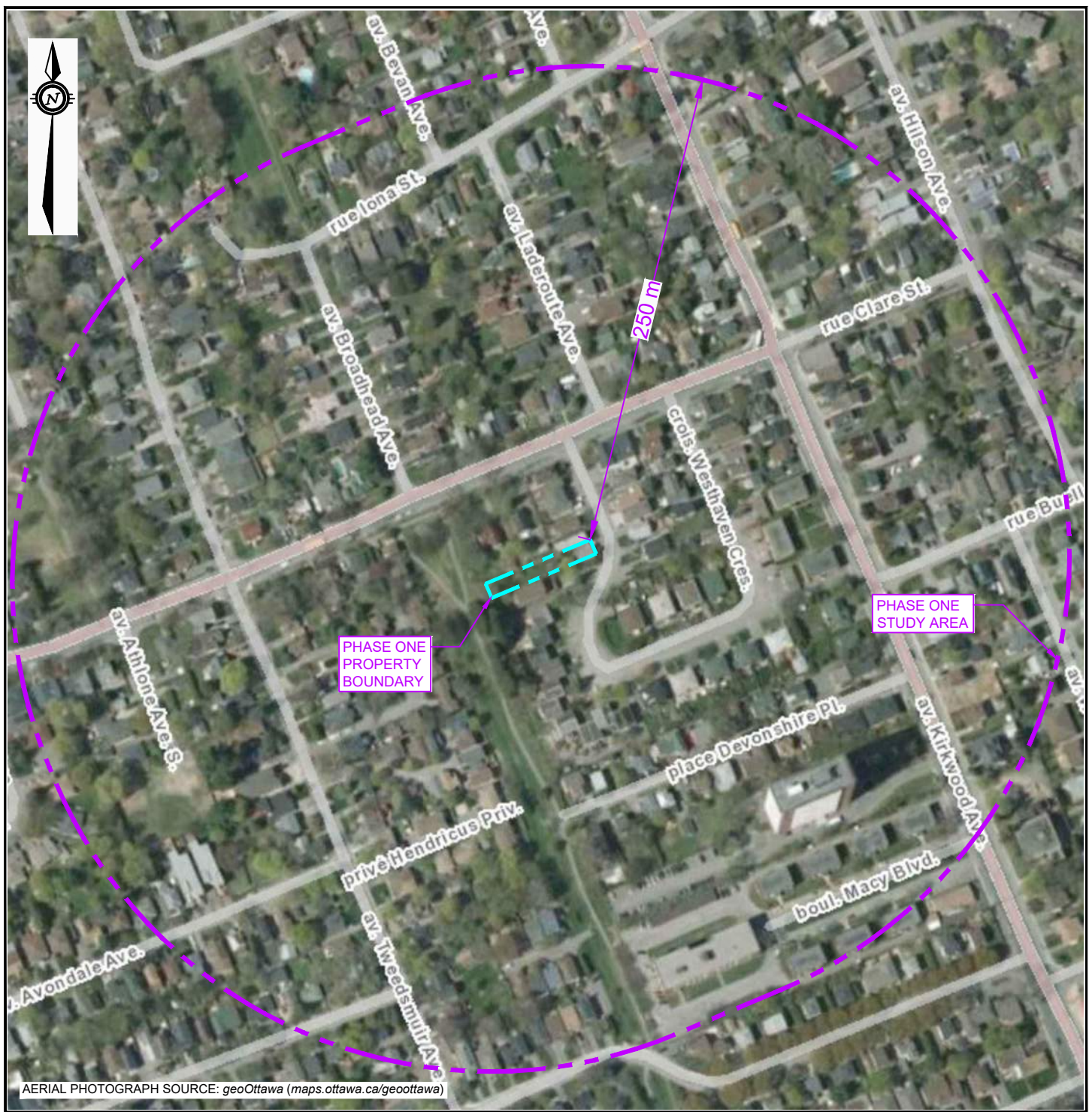


DESIGN C.H.
 DRAWN A.S.
 DATE JANUARY 2024
 FILE NO. OTT-00255197-A1

CLIENT MIKE BAROUD
 PROJECT PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 246 WESTHAVEN CRES., OTTAWA, ON
 TITLE 1999 AERIAL PHOTOGRAPH

SCALE 1:3,000
 SKETCH NO
AER-7

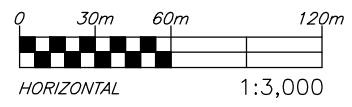
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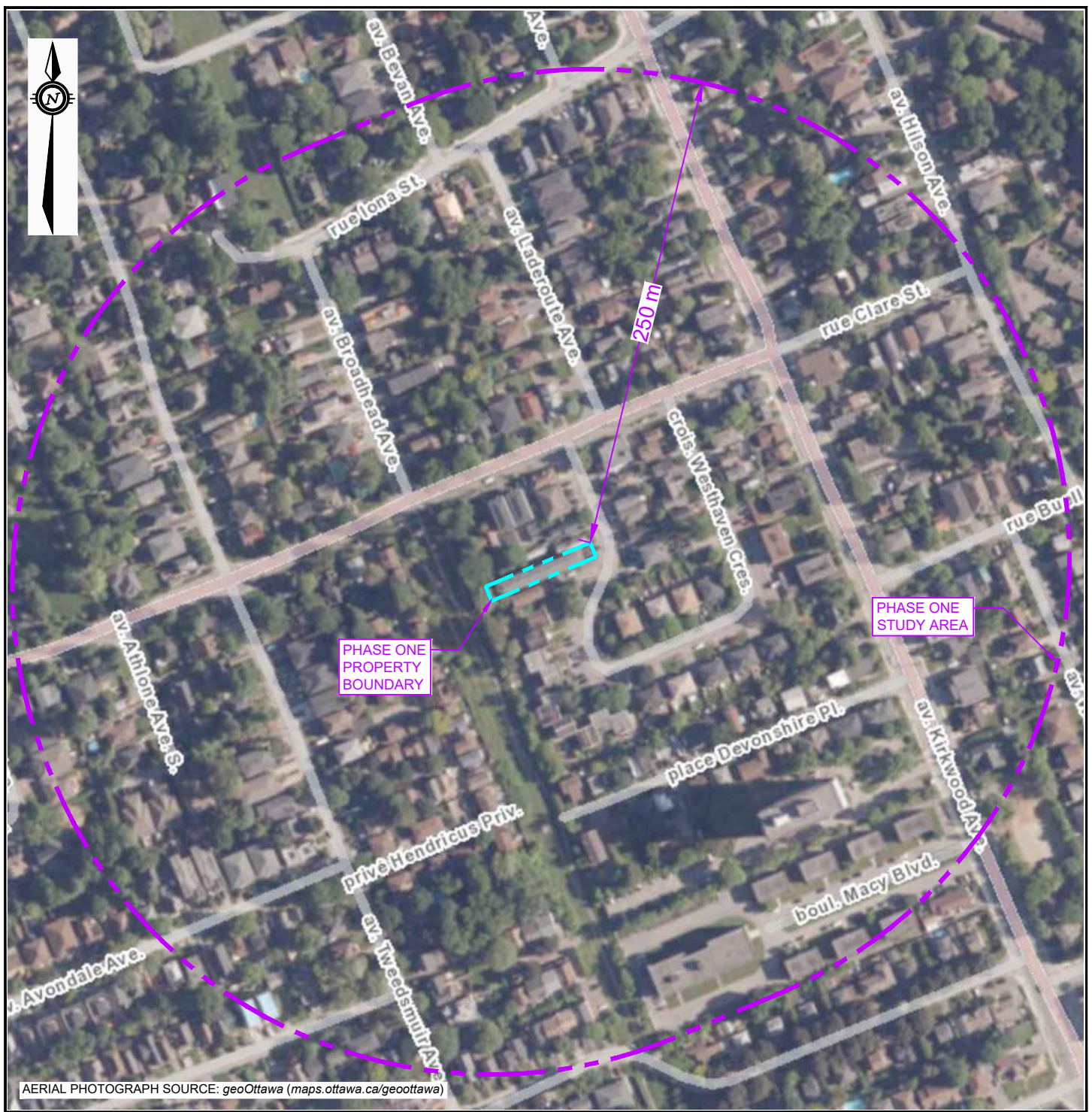


DESIGN	C.H.
DRAWN	A.S.
DATE	JANUARY 2024
FILE NO	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	2011 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO	
AER-8	

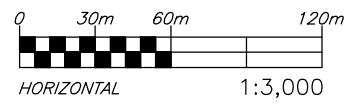
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DATE	JANUARY 2024
FILE NO	OTT-00255197-A1

CLIENT	MIKE BAROUD
PROJECT	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 246 WESTHAVEN CRES., OTTAWA, ON
TITLE	2022 AERIAL PHOTOGRAPH

SCALE	1:3,000
SKETCH NO	
AER-9	

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*

Appendix F: Site Photographs

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*



Photograph No. 1

View of the Phase One property and south and east property lines, looking westward.



Photograph No. 2

View of the west property line and rear of the Phase One property.

EXP Services Inc.

*Mr. Mike Baroud
Phase One Environmental Site Assessment
246 Westhaven Crescent, Ottawa, Ontario
OTT-255197-A1
January 16, 2024*



Photograph No. 3

View of the north property line, looking eastward.



Photograph No. 4

View of the typical interior finishes in the apartment units.