



Phase One Environmental Site Assessment 20 Cedarow Court, Ottawa, Ontario

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Prepared By:

Leah Wells, P.Eng.

Reviewed By:

Mark McCalla, P.Geo.

EXP Services Inc.

100-2650 Queensview Drive

Ottawa, Ontario K2B 8H6

t: +1.613.688.1899

f: +1.613.225.7337

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*NLG LP One (o/a Wellings of Stittsville Inc.)
Phase One Environmental Site Assessment
20 Cedarow Court, Ottawa, Ontario
OTT-00257330-B0
January 27, 2023*

Legal Notification

This report was prepared by EXP Services Inc. for the account of the **NLG LP One (o/a Wellings of Stittsville Inc.)**

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Executive Summary

EXP Services Inc. (EXP) was retained by NLG LP One (o/a Wellings of Stittsville Inc.) to complete a Phase One Environmental Site Assessment (ESA) for the property located at 20 Cedarow Court in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

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.

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 to support a site plan application with the City of Ottawa.

The most recent use of the property was undeveloped land. It is proposed mixed commercial and residential buildings be constructed on the phase One property. As the proposed land use not more sensitive than the previous land use, a Record of Site Condition (RSC) is not required.

The Phase One property has the municipal address 20 Cedarow Court, located on the north side of Hazeldean Road between Cedarow Court and Wellings Private in Ottawa, Ontario as shown in Figure 1 in Appendix C. The Phase One property is irregular in shape with an area of approximately 2.25 hectares. Development at the Phase One property was underway at the time of this investigation. Two temporary construction trailers were present on the site. Piling and excavation activities were occurring on the south part of the Phase One property.

The following PCAs were identified on the Phase One property:

- PCA #28 – Gasoline and associated products storage in fixed tanks (fuel AST on the Phase One property)

The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops (3 Cedarow Court, 8 Cedarow Court, 2 Cedarow Court)
- PCA #28 – Gasoline and associated products storage in fixed tanks (former gas station at 5835 Hazeldean Road)

The AST is for fuelling vehicles associated with on-going construction activities. Due to the temporary nature of the AST, it is not considered to result in an APEC.

Due to the distance from the Phase One property and/or the cross-gradient location with respect to the inferred groundwater direction (north-northwest), neither the garages at on Cedarow Court nor the former gas station at 5835 Hazeldean Road were determined to result in APECs.

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted as 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.

1.0 Introduction

EXP Services Inc. (EXP) was retained by NLG LP One (o/a Wellings of Stittsville Inc.) to complete a Phase One Environmental Site Assessment (ESA) for the property located at 20 Cedarow Court in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

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 to support a site plan application with the City of Ottawa.

The most recent use of the property was undeveloped land. It is proposed mixed commercial and residential buildings be constructed on the phase One property. As the proposed land use not more sensitive than the previous land use, a Record of Site Condition (RSC) is not required.

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

1.2 Phase One Property Information

The Phase One property has the municipal address 20 Cedarow Court, located on the north side of Hazeldean Road between Cedarow Court and Wellings Private in Ottawa, Ontario as shown in Figure 1 in Appendix C. The Phase One property is irregular in shape with an area of approximately 2.25 hectares. A survey plan is provided in Appendix B.

The property identification number (PIN) is 044661799. The Phase One property is legally described as PART OF LOT 27 CONCESSION 12 BEING PART 8 ON PLAN 4R6689 AND PARTS 5 AND 7 ON PLAN 4R30409 SAVE AND EXCEPT PARTS 3 AND 4 ON PLAN 4R25114 AND PART 2 ON PLAN 4R25671 AND SAVE AND EXCEPT PARTS 9 AND 10 ON PLAN 4R30409 TOGETHER WITH AN EASEMENT OVER PART 27 CONCESSION 2 DESIGNATED AS PART 1 4R25671 AS IN OC1328319 SUBJECT TO AN EASEMENT OVER PART 1 ON PLAN 4R25671 IN FAVOUR OF PART OF LOTS 26 AND 27 CONCESSION 12 DESIGNATED AS PARTS 3, 4 AND 5 ON PLAN 4R6689 AS IN OC1328319 SUBJECT TO AN EASEMENT IN GROSS OVER PART 3 ON PLAN 4R25671 AS IN OC1758432 SUBJECT TO AN EASEMENT OVER PARTS 5 AND 7 ON PLAN 4R30409 AS IN OC1891940 SUBJECT TO AN EASEMENT OVER PARTS 5 AND 7 ON PLAN 4R30409 AS IN NS234946 SUBJECT TO AN EASEMENT OVER PARTS 5 AND 7 ON PLAN 4R30409 AS IN NS246082 SUBJECT TO AN EASEMENT OVER PARTS 5, 7, 8, 11, 12, 13, 14, 15, 16 AND 17 ON PLAN 4R-30409 IN FAVOUR OF PARTS 1, 2, 3, 4, 6, 19, 20, 21, 22 AND 23 ON PLAN 4R30409 AS IN OC1987994 TOGETHER WITH AN EASEMENT OVER PARTS 2, 3, 4, 6, AND 23 ON PLAN 4R30409 AS IN OC1987996 CITY OF OTTAWA.

Development at the Phase One property was underway at the time of this investigation. Two temporary construction trailers were present on the site. Piling and excavation activities were occurring on the south part of the Phase One property.

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The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 428191 m E and 5014655 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 Ms. Angela Mariani on behalf of NLG LP One (o/a Wellings of Stittsville Inc.). Contact information for Ms. Mariani is 2962 Carp Road, Ottawa, Ontario, KOA 1L0.

The Phase One property site location and site layout are shown on Figure 1 and 2 in Appendix C.

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.

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.

According to the City of Ottawa GeoOttawa on-line mapping tool, the Phase One property is zoned AM – Arterial Main Street. Properties along Hazeldean Road are also zoned Arterial Main Street. The north adjacent property (Poole Creek) is zoned Open Space. Properties to the north of Pool Creek are zoned for residential development.

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

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed.

3.3 Fire Insurance Plans

No fire insurance plans are available for the Phase One study area.

3.4 Chain of Title

As part of the 2018 Phase One ESA, a title search conducted by Read Abstracts. The chain of title indicates that the property was registered in 1851 and was subsequently transferred between twelve individual owners until December 1980, at which time the Phase One property was registered to Kewal Dilawri. Title was then transferred to Twin Star Holdings in 1985 and was subsequently transferred to various holding companies until it was registered to Canada Mortgage and Housing Corporation (CMHC) in 2017. Title was registered to NLG 2011 Inc. in December 2018 and was subsequently transferred to NLG LP Ones (the current owner) in December 2022.

A copy of the title search is included in Appendix C.

3.5 Environmental Reports

The following environmental reports pertaining to the Phase One property were reviewed:

- Trow Associates, *Phase I Environmental Site Assessment, Hazeldean Land, Goulbourn Township, Ottawa, Ontario*, August 2003;
- Trow Associates, *Phase I Environmental Site Assessment – Hazeldean Lands, Ottawa, Ontario*, April 2009;
- EXP Services Inc., *Phase I Environmental Site Assessment, 16 and 20 Cedarow Court, Ottawa, Ontario*, January 2014;
- EXP Services Inc., *Phase I Environmental Site Assessment 16 and 20 Cedarow Court, Ottawa, Ontario*, May 2018; and,
- EXP Services Inc., *Phase One Environmental Site Assessment, 16 and 20 Cedarow Court, Ottawa, Ontario*, November 2019

At the time of these investigations the site was vacant and undeveloped. An automotive garage was observed on the neighbouring site to the west (3 Cedarow Court) and an automotive sales business was observed 50 m to the southwest (2

Cedarow Court). Due to the inferred northwesterly groundwater flow direction and the fact that there were no below ground structures such as underground storage tanks or in-ground hydraulic hoists observed at the automotive garage, no areas of potential environmental concern (APECs) were identified.

In 2015, EXP completed a Phase One and Two ESA for a former service garage and gasoline station located at 5835 Hazeldean Road, approximately 170 m west of the subject site. No soil or groundwater impacts were identified during the assessment.

The following geotechnical reports pertaining to the phase One property were reviewed:

1. Paterson Associates, *Geotechnical Investigation, Proposed Mixed-Use Development. Wellings of Stittsville - Phase 2, 20 Cedarow Court, Ottawa, Ontario, March 2019*

Twenty-nine boreholes were advanced at the Phase One property. Surficial geology generally consisted of clay overlying glacial till. Limestone bedrock was present between 1.5 and 4.0 metres below ground surface. Groundwater was present between 2.5 and 3.5 metres below ground surface. The direction of groundwater flow was to the north-northwest.

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 were found pertaining to the Phase One property. The MECP response is included in Appendix D.

3.6.2 Historical Land Use Inventory

As part of the 2015 Phase One ESA, records pertaining to the site were requested from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the *Municipal Freedom of Information and Protection of Privacy Act* (FOI).

The property at 23 Cedarow Court (10 Cedarow Court) was listed as a the Cedarow pumping station. This property is located approximately 50 m west of the Phase One property, and therefore is not considered an APEC. In addition, this pumping station was removed in 2020.

The property at 5 Cedarow Court was listed as an auto garage, however this property only appears to have operated as a car wash and is therefore not considered a concern to the site.

An auto garage was listed at 3 Cedarow Court (PCA #10 – Commercial autobody shops). Due to the cross-gradient location from the Phase One property, this is not considered to result in an APEC.

An updated HLUI request was submitted to the City of Ottawa on January 20, 2023. A response has not yet been received. The HLUI response from 2015 is included in Appendix D.

3.6.3 Environmental Registry

On January 20, 2023, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. The following records identified for properties within the Phase One study area:

- Multiple permits to take water (PTTW) were issued in the Phase One study area between 2008 and 2021 associated with servicing and foundation excavations for residential development.

- Environmental Compliance Approval (ECA) for industrial sewage was issued for stormwater management systems at 5835 Hazeldean Road and 5 Orchard Drive.

All of the records are associated with commercial/residential development in the Phase One study area and do not represent an environmental concern to the Phase One property.

3.6.4 Environmental Access

On January 20, 2023, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- Multiple PTTWs were issued in the Phase One study area between 2008 and 2021 associated with servicing and foundation excavations for residential development.
- Two CAs and six ECAs for municipal and private sewage works were issued for properties on Cedarow Court, Orchard Drive and Hazeldean Road for stormwater management systems and/or the construction of sanitary sewers.

All of the records are associated with commercial/residential development in the Phase One study area and do not represent an environmental concern to the Phase One property.

3.6.5 Hazardous Waste Program Registry

On January 18, 2023, the Resource Productivity and recovery Authority (RPRA) Hazardous Waste Program (HWP) Registry website was searched for registered waste generators within the Phase One study area. The HWP registry replaced the MECP Hazardous Waste Information Network (HWIN) as of January 1, 2023. No records for the Phase One area were found.

3.6.6 Records of Site Condition

On January 19, 2023, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records for the Phase One area 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

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.6.10 Street Directories

As part of the 2015 Phase One ESA, records pertaining to the site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the municipal street directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider. City directories were reviewed to identify the occupancy history of the Phase One property and closest neighbouring properties for potential environmental concerns. Directories between 1993 and 2011 were reviewed.

The following was noted:

Location	Proximity to the Site	Occupant	Years	Environmental Concern to Site (Yes/No) & Rationale
20 Cedarow Court	Phase One property	Not listed	1993-2011	No
3 Cedarow Court	West adjacent	Not listed Auto Searchers Krown Rust Control/Hinton Automotive	1993 1999 2005-2011	No, due to the cross-gradient location from the Phase One property.
5 Cedarow Court	West adjacent	Self Serve Car Wash	1999 - 2006	No, site operations appear to have been limited solely to car washes (no fuel pumps etc.)
10 Cedarow Court	70 m west	Restaurant/Hospitality Training Winds of Change		No

Based on a review of the city directories, an automotive garage was identified at 3 Cedarow Court (PCA #10 – Commercial autobody shops). Due to the cross-gradient location from the Phase One property, this is not considered to result in an APEC.

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 E.

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

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
3 Cedarow Court	West adjacent	Auto Searchers Ltd., registered waste generator of waste oils and lubricants from 1995 to 2001 (ON2099400).	Ontario Regulation 347 Waste Generators Summary	No, due to the cross-gradient location 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:

- Ten CAs and ECAs was listed for air emissions, and municipal and private sewage works (stormwater management systems and storm and sanitary sewers) in the Phase One study area.

- The Water Well Information System identified 11 well records in the Phase One study area. Six of the records were for water supply wells installed between 1956 and 1975. As there are now municipal services in the Phase One study area, it is likely that these wells are no longer in use. The remaining records were for monitoring wells.

An automotive garage was identified at 3 Cedarow Court (PCA #10 – Commercial autobody shops). Due to the cross-gradient location from the Phase One property, this is not considered to result in an APEC. No other PCAs were identified in the Phase One study area.

3.8 Physical Setting Sources

3.8.1 Aerial Photographs

Aerial photographs dated 1976, 1984, 1991, 1999, 2005, 2011, 2017, 2019 and 2021 were available for review on the City of Ottawa website. An aerial photograph dated 1955 was request from 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 F.

Year	Details
1976	The Phase One property appears to agricultural, and part of the farm the that is located west adjacent to the site. Hazeldean Road is present, and properties to the south of the Phase One property appear to be mainly residential. The remainder of the properties in the Phase One study area appear to be mostly agricultural land.
1984	The Phase One property and study area appear similar to the 1976 aerial photograph.
1991	The Phase One property remains vacant. Cedarow Court is present to the west of the Phase One property, and the automotive garage is present at 3 Cedarow Court. Properties in the Phase One study area appear similar to the 1984 aerial photograph.
1999	The Phase One property and study area appear similar to the 1991 aerial photograph.
2005	Additional commercial buildings have been constructed along Cedarow Court. The Phase One property and remainder of the study area appear similar to the 1999 aerial photograph.
2011	The Phase One property and study area appear similar to the 2005 aerial photograph.
2017	The Phase One property and study area appear similar to the 2011 aerial photograph.
2019	The Phase One property appears similar to the 2017 aerial photograph. Minor fill piles and construction equipment are being stored on the asphalt turn around. The retirement residence is under construction to the east of the Phase One property, as is a commercial strip mall to the southeast. The remainder of the properties in the Phase One study area appear similar to th2017 aerial photograph.
2021	A gravel parking lot is present on the west part of the Phase One property. Construction on the retirement home and the commercial buildings to the east and southeast has been completed.

Based on the review of the aerial photographs, no additional PCAs were identified in the Phase One study area.

3.8.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of interbedded limestone and dolostone of the Gull River Formation. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. The ground surface is approximately 103 metres above sea level (masl).

Previous investigations indicate that the surficial geology in the area generally consists of clay overlying glacial till. Limestone bedrock was present between 1.5 and 4.0 metres below ground surface.

3.8.3 Fill Materials

As the Phase One property has never been developed, it is unlikely that significant quantities of fill material are present on the site. Minor amounts of fill were encountered during previous investigations in the vicinity of the asphalt turnaround. No other fill was present on the Phase One property.

3.8.4 Water Bodies and Areas of Natural Significance

Poole Creek borders the Phase One property to the northwest. Based on the proximity to Poole Creek and the topography of the site, the inferred groundwater flow direction in the Phase One study area is to the northwest. Also based on the previous geotechnical investigation the groundwater flow direction is to the northwest.

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).

3.8.5 Well Records

The Ontario well records website (<https://www.ontario.ca/page/map-well-records>) was accessed. Eleven well records were identified within the Phase One study area. Six of the records were for water supply wells installed between 1956 and 1975. As there are now municipal services in the Phase One study area, it is likely that these wells are no longer in use. The remaining records were for monitoring wells, one of which was for monitoring wells installed on the Phase One property.

Well records indicate that the surficial geology in the area generally consists of clay overlying glacial till. Limestone bedrock was present between 1.5 and 4.0 metres below ground surface.

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.

Ms. Angela Mariani, representative for NLG LP One (o/a Wellings of Stittsville Inc.) was interviewed via email on January 27, 2023. NLG LP One (formerly NLG 2011) has owned the Phase One property since 2018.

Ms. Mariani indicated that she is unaware of any environmental issues with regards to the Phase One property.

Former site owners historically interviewed for previous environmental investigations also were unaware of any environmental issues with the Phase One property.

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

5.0 Site Reconnaissance

5.1 General Requirements

On January 19, 2023, Ms. Leah Wells, 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 8:30 a.m. and lasted approximately ½ hour. The weather was approximately -2°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 G.

5.2 Specific Observations at the Phase One Property

5.2.1 Buildings and Structures

There were no buildings on the Phase One property. Excavation in preparation of site development has begun on the site, and two temporary construction trailers were present on the Phase One property.

5.2.2 Site Utilities and Services

There are no services currently present on the Phase One property. Future development will be serviced by municipal water and sewer.

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

A fuel oil above ground storage tank (AST) was present on the site near the construction trailers (PCA #28 – Gasoline and associated products in fixed tanks). The AST is for fuelling vehicles associated with on-going construction activities and does not represent an AEPEC.

5.4 Chemical Storage Handling and Floor Condition

No chemicals were observed on the Phase One property.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining of soil were observed on the Phase One property. It is noted that the majority of the Phase One property was snow covered at the time of EXP's site visit.

5.6 Fill and Debris

Minor amounts of fill were encountered during previous investigations in the vicinity of the asphalt turnaround. No other fill was 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 is undeveloped. No 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 has never been developed therefore, 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

A monitoring well was observed on the north side of the Phase One property, near Poole Creek.

5.13 Roads, Parking Facilities and Right of Ways

Vehicular access to the Phase One property is provided from Cedarow Court or Wellings Private.

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.

The following land uses border the Phase One property:

- North: Poole Creek, followed by residential;
- West: Commercial (martial arts studio, car wash, auto garage);
- East: Residential (retirement home); and

- South: Vacant land followed by residential.

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, the following PCAs were identified:

- PCA#10 – Commercial autobody shop (2 Cedarow Court, 3 Cedarow Court, and 8 Cedarow Court)
- PCA #28 – Gasoline and associated products storage in fixed tanks (fuel AST on the Phase One property)

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 has never been developed.

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.

The following PCAs were identified on the Phase One property:

- PCA #28 – Gasoline and associated products storage in fixed tanks (fuel AST on the Phase One property)

The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops (3 Cedarow Court, 8 Cedarow Court, 2 Cedarow Court)
- PCA #28 – Gasoline and associated products storage in fixed tanks (former gas station at 5835 Hazeldean Road)

The AST is for fuelling vehicles associated with on-going construction activities. Due to the temporary nature of the AST, it is not considered to result in an APEC.

Due to the distance from the Phase One property and/or the cross-gradient location with respect to the inferred groundwater direction (north-northwest), neither the garages at on Cedarow Court or the former gas station at 5835 Hazeldean Road were determined to result in APECs.

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

No buildings were present on the Phase One property.

6.4.2 Water Bodies and Groundwater Flow Direction

Poole Creek borders the Phase One property to the northwest. Based on the proximity to Poole Creek and the topography of the site, the inferred groundwater flow direction in the Phase One study area is to the northwest. Also based on the previous geotechnical investigation the groundwater flow direction is to the northwest.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

Eleven well records were identified within the Phase One study area. Six of the records were for water supply wells installed between 1956 and 1975. As there are now municipal services in the Phase One study area, it is likely that these wells are no longer in use. The remaining records were for monitoring wells, one of which was for monitoring wells installed on the Phase One property.

6.4.5 Potentially Contaminating Activity

The following PCAs were identified on the Phase One property:

- PCA #28 – Gasoline and associated products storage in fixed tanks (fuel AST on the Phase One property)

The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops (3 Cedarow Court, 8 Cedarow Court, 2 Cedarow Court)
- PCA #28 – Gasoline and associated products storage in fixed tanks (former gas station at 5835 Hazeldean Road)

The AST is for fuelling vehicles associated with on-going construction activities. Due to the temporary nature of the AST, it is not considered to result in an APEC.

Due to the distance from the Phase One property and/or the cross-gradient location with respect to the inferred groundwater direction (north-northwest), neither the garages on Cedarow Court or the former gas station at 5835 Hazeldean Road were determined to result in APECs.

6.4.6 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. No APECs were identified.

6.4.7 Underground Utilities

There were no underground utilities on the Phase One property. Future development will be connected to the municipal water and sewer systems.

6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of interbedded limestone and dolostone of the Gull River Formation. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. The ground surface is approximately 103 metres above sea level (masl).

Previous investigations indicate that the surficial geology in the area generally consists of clay overlying glacial till. Limestone bedrock was present between 1.5 and 4.0 metres below ground surface.

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.

7.0 Conclusions and Recommendations

The following PCAs were identified on the Phase One property:

- PCA #28 – Gasoline and associated products storage in fixed tanks (fuel AST on the Phase One property)

The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops (3 Cedarow Court, 8 Cedarow Court, 2 Cedarow Court)
- PCA #28 – Gasoline and associated products storage in fixed tanks (former gas station at 5835 Hazeldean Road)

The AST is for fuelling vehicles associated with on-going construction activities. Due to the temporary nature of the AST, it is not considered to result in an APEC.

Due to the distance from the Phase One property and/or the cross-gradient location with respect to the inferred groundwater direction (north-northwest), neither the garages at on Cedarow Court nor the former gas station at 5835 Hazeldean Road were determined to result in APECs.

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted as 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.

8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geoottawa).
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- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environment-and-energy/map-well-records-water-wells).

NLG LP One (o/a Wellings of Stittsville Inc.)
Phase One Environmental Site Assessment
20 Cedarow Court, Ottawa, Ontario
OTT-00257330-B0
January 27, 2023

- 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).
- Paterson Associates, *Geotechnical Investigation, Proposed Mixed-Use Development. Wellings of Stittsville - Phase 2*, 20 Cedarow Court, Ottawa, Ontario, March 2019
- Trow Associates, *Phase I Environmental Site Assessment, Hazeldean Land, Goulbourn Township, Ottawa, Ontario*, August 2003.
- Trow Associates, *Phase I Environmental Site Assessment – Hazeldean Lands, Ottawa, Ontario*, April 2009.

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 NLG LP One (o/a Wellings of Stittsville Inc.) ("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.

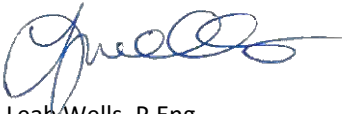
Report Format

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.

NLG LP One (o/a Wellings of Stittsville Inc.)
Phase One Environmental Site Assessment
20 Cedarow Court, Ottawa, Ontario
OTT-00257330-B0
January 27, 2023

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.



Leah Wells, P.Eng.
Environmental Engineer
Earth and Environment



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

Appendix A: Qualifications of Assessors

Qualifications of Assessors

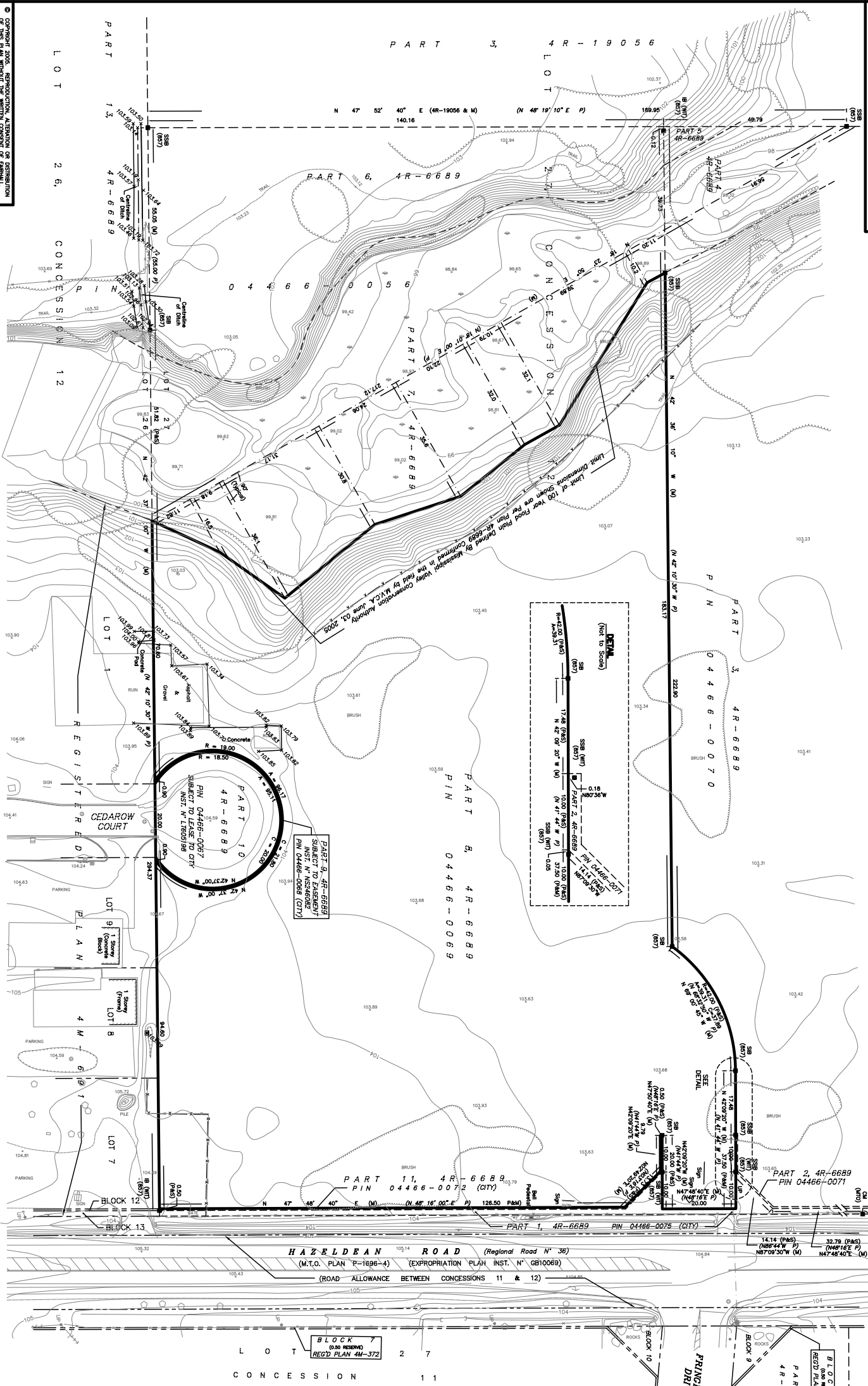
EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the 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.

Leah Wells, P.Eng., has six years of experience in the environmental consulting field. She 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.

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.

Appendix B: Survey Plan

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



**TOPOGRAPHIC SURVEY OF
PART OF LOT 27
CONCESSION 12
GEOGRAPHIC TOWNSHIP OF COLLINGWOOD
NOW CITY OF OTTAWA**

FAIRHALL, MOFFATT & WOODLAND LIMITED
ONARIO LAND SURVEYORS

ELEVATION NOTE
ELEVATIONS SHOWN HEREON ARE REFERRED TO GEODETIC DATUM.

UTILITY NOTES
1. THIS DRAWING CANNOT BE ACCEPTED AS ACKNOWLEDGING ANY OF THE USER'S TO CONTACT THE RESPECTIVE UTILITY AUTHORITIES FOR CONSTRUCTION OR LOCATION.
2. BEFORE ANY WORK INVOLVING PROBING, EXCAVATING, ETC., A FIELD LOCATION OF UNDERGROUND PLANT BY THE PERMITTING UTILITY AUTHORITY IS MANDATORY.

NOTES
1. BOUNDARIES SHOWN HEREON ARE FROM SURVEYS AND ARE REFERRED FROM THE SURVEY INSTRUMENTS: REGD PLAN 4R-1896-4 (N 501517.49, E 349822.08) AND REGD PLAN 4R-1905-6 (N 501517.49, E 349822.08) AND ARE REFERRED TO THE CENTRAL MERIDIAN OF ZONE 18 OF THE ONTARIO COORDINATE SYSTEM BEING 78°30' W LONGITUDE (NAD 83).
2. TOPOGRAPHIC INFORMATION SHOWN PROVIDED BY AERIAL PHOTOGRAPHY OBTAINED FROM PHOTO AERIAL PHOTOGRAPHY SUPPLEMENTED BY A LIMITED FIELD SURVEY.

LEGEND

●	IRON	▲	SPRING
○	IRON BAR	○	UTILITY POLE
□	STANDARD IRON BAR	○	POST
○	SHORT STANDARD IRON BAR	○	GUY WIRE AND ANCHOR
○	CONCRETE MANDREL	○	REBAR/ROD TREE
○	SET 41-0000	○	POST & WIRE TENCE
○	MEASURED	○	CLEAVING
○	WITNESS	○	SWAMP AREA
○	MINISTRY OF TRANSPORTATION ONTARIO (MTO)		
○	NATIONAL CAPITAL COMMISSION (NCC)		
○	UNDEVELOPED		
○	WATERHOLE		

SURVEYOR'S CERTIFICATE
I CERTIFY THAT THE SURVEY REPRESENTED BY THIS PLAN WAS COMPLETED ON JUNE 07, 2005.

DAVID W. WOODLAND
ONARIO LAND SURVEYOR

NOTES

1. THIS DRAWING CANNOT BE ACCEPTED AS ACKNOWLEDGING ANY OF THE USER'S TO CONTACT THE RESPECTIVE UTILITY AUTHORITIES FOR CONSTRUCTION OR LOCATION.
2. BEFORE ANY WORK INVOLVING PROBING, EXCAVATING, ETC., A FIELD LOCATION OF UNDERGROUND PLANT BY THE PERMITTING UTILITY AUTHORITY IS MANDATORY.

UTILITY NOTES

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2. TOPOGRAPHIC INFORMATION SHOWN PROVIDED BY AERIAL PHOTOGRAPHY OBTAINED FROM PHOTO AERIAL PHOTOGRAPHY SUPPLEMENTED BY A LIMITED FIELD SURVEY.

LEGEND

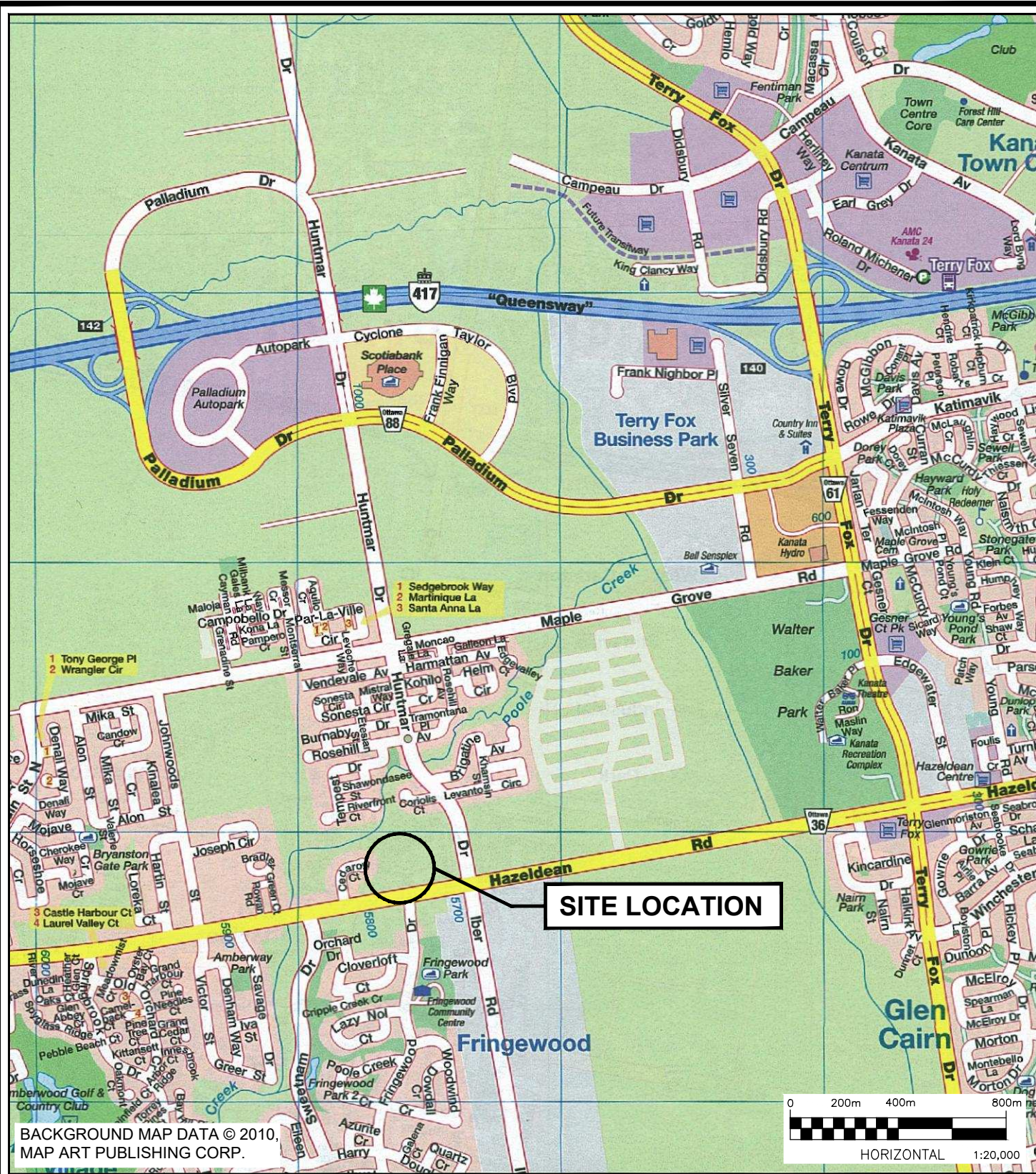
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○	CONCRETE MANDREL	○	REBAR/ROD TREE
○	SET 41-0000	○	POST & WIRE TENCE
○	MEASURED	○	CLEAVING
○	WITNESS	○	SWAMP AREA
○	MINISTRY OF TRANSPORTATION ONTARIO (MTO)		
○	NATIONAL CAPITAL COMMISSION (NCC)		
○	UNDEVELOPED		
○	WATERHOLE		

SURVEYOR'S CERTIFICATE
I CERTIFY THAT THE SURVEY REPRESENTED BY THIS PLAN WAS COMPLETED ON JUNE 07, 2005.

DAVID W. WOODLAND
ONARIO LAND SURVEYOR

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Appendix C: Figures



BACKGROUND MAP DATA © 2010, MAP ART PUBLISHING CORP.



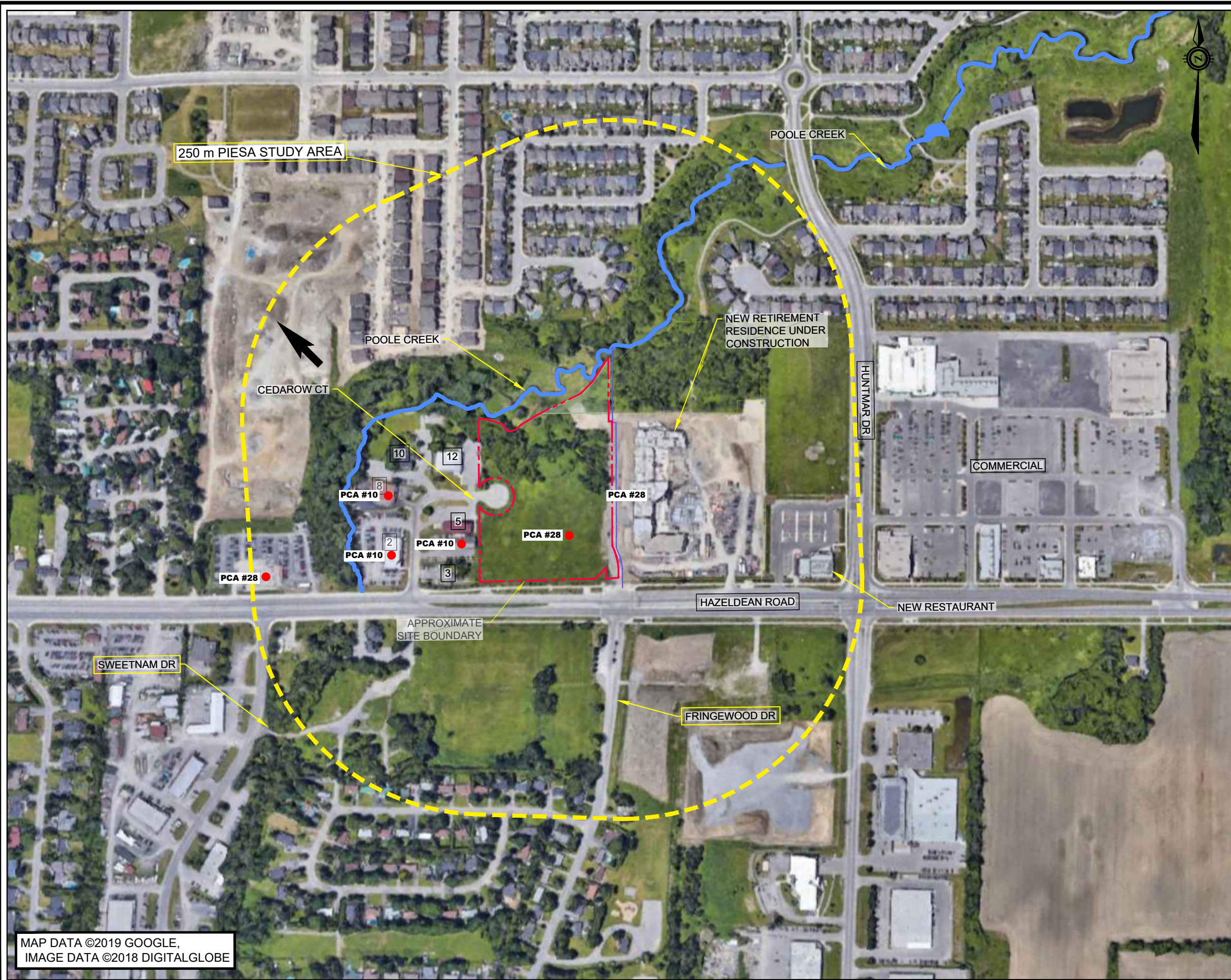
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scale 1:20 000	CLIENT: NLG LP ONE (O/A WELLINGS OF STITTSVILLE INC.)	project no. OTT-00257330-B0
date JAN. 2023	PROJECT: PHASE ONE ESA 20 CEDAROW COURT, OTTAWA, ON	design M.M.
drawn by M.N.	TITLE: SITE LOCATION PLAN	checked M.M.
		FIG 1

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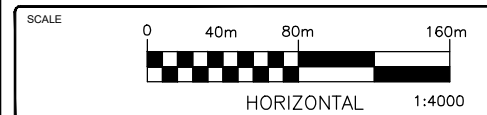
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LEGEND

- INFERRED GROUNDWATER FLOW DIRECTION
- PCA # POTENTIALLY CONTAMINATING ACTIVITY



CLIENT
NLG LP ONE
 (O/A WELLINGS OF STITTSVILLE INC.)

PROJECT
PHASE ONE ESA
 20 CEDAROW COURT, OTTAWA, ON

TITLE
250 m STUDY AREA

date	JAN. 2023	project no.	OTT-00257330-B0
design by	M.M.	drawing no.	FIG 2
prepared by	M.N. / A.S.		
reviewed by	M.M.		

Appendix D: Title Search, Municipal Records & Provincial Records

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

Access and Privacy Office

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

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

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

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



January 17, 2023

Leah Wells
EXP Services Inc.
2560 Queensview Drive, Unit 100
Ottawa, Ontario K2B 8H6
leah.wells@exp.com

Dear Leah Wells:

RE: **MECP FOI A-2023-00099, Your Reference OTT-00257330-B0 – 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 20 Cedarow Court, Ottawa.

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

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

If you have any questions, please contact Tolani Abraham at Tolani.Abraham2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office



CITY OF OTTAWA
HLUI ID: __679A2J
AREA (Square Metres): 5207.030

Report: RPTC_OT_DEV0122
Run On: 14 Jan 2015 at: 09:12:24

Study Year
2005

PIN
044660058

Multi-NAIC
N

Multiple Activities
N

Activity ID: 6950 **Multiple PINS:** Y
PIN Certainty: 1 **Previous Activity ID(s) :**
Related PINS: 044660058
Name: INFINEON TECHNOLOGIES
Address: 10 CEDAROW COURT, STITTSVILLE
Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
Comments 1:
Comments 2:
Generator Number:
Storage Tanks:
HL References 1:
HL References 2:
HL References 3: 2001 Employment Survey

NAICS **SIC**
417320 0

Company Name **Year of Operation**
INFINEON TECHNOLOGIES c. 2001



CITY OF OTTAWA

HLUI ID: __67903F

AREA (Square Metres): 240.251

Report: RPTC_OT_DEV0122

Run On: 14 Jan 2015 at: 09:13:03

Study Year
2005

PIN
044660058

Multi-NAIC
N

Multiple Activities
N

Activity ID: 6950 **Multiple PINS:** Y

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 044660058

Name: INFINEON TECHNOLOGIES

Address: 10 CEDAROW COURT, STITTSVILLE

Facility Type: Electrical and Electronic Machinery, Equipment and Supplies, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
417320	0

Company Name

INFINEON TECHNOLOGIES

Year of Operation

c. 2001



CITY OF OTTAWA
HLUI ID: __679BV4
AREA (Square Metres): 1718.444

Report: RPTC_OT_DEV0122
 Run On: 20 Jan 2015 at: 10:58:14

Study Year
2005

PIN
044660066

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 3152 **Multiple PINS:** N

PIN Certainty: 1 **Previous Activity ID(s) :**

Related PINS: 044660066

Name: CARRUTHERS GEORGE THOMAS
Address: 5 CEDAROW COURT, TOWNSHIP OF GOULBOURN
Facility Type: Motor Vehicle Repair Shops

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Property Assessment

NAICS	SIC
811111	0
811112	0
811121	0
811119	0
811199	0

Company Name

CARRUTHERS GEORGE THOMAS

Year of Operation

c. 2005



CITY OF OTTAWA

HLUI ID: __670H8M

AREA (Square Metres): 1787.570

Report: RPTC_OT_DEV0122

Run On: 20 Jan 2015 at: 10:59:12

Study Year
1998

PIN
044660065

Multi-NAIC
Y

Multiple Activities
Y

Activity ID: 1500 Multiple PINS: N
 PIN Certainty: 1 Previous Activity ID(s) : 7040
 Related PINS: 044660065
 Name: RENWICK RONALD RICHARD
 Address: 3 CEDAROW COURT, TOWNSHIP OF GOULBOURN
 Facility Type: Motor Vehicles, Wholesale
 Comments 1:
 Comments 2:
 Generator Number:
 Storage Tanks:
 HL References 1: GBD 1997; GGTBD 1998/99
 HL References 2:
 HL References 3: 2005 Property Assessment

NAICS	SIC
488410	639
811112	0
811112	635
811111	0
811121	0
811119	0
811121	635
811119	635
811199	0

Company Name	Year of Operation
Auto Searchers Ltd.	c. 1997-1999
Krown Rust Proofing	c. 1998-1999
RENWICK RONALD RICHARD	c. 2005



CITY OF OTTAWA
HLUI ID: __670H8M
AREA (Square Metres): 1787.570

Report: RPTC_OT_DEV0122
Run On: 20 Jan 2015 at: 10:59:12

Study Year 1998 PIN 044660065 Multi-NAIC Y Multiple Activities Y

Activity ID: 7979 Multiple PINS: N

PIN Certainty: 1 Previous Activity ID(s) :

Related PINS: 044660065

Name: KROWN RUST CONTROL CENTRE

Address: 3 CEDAROW COURT,

Facility Type: Motor Vehicles, Wholesale

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

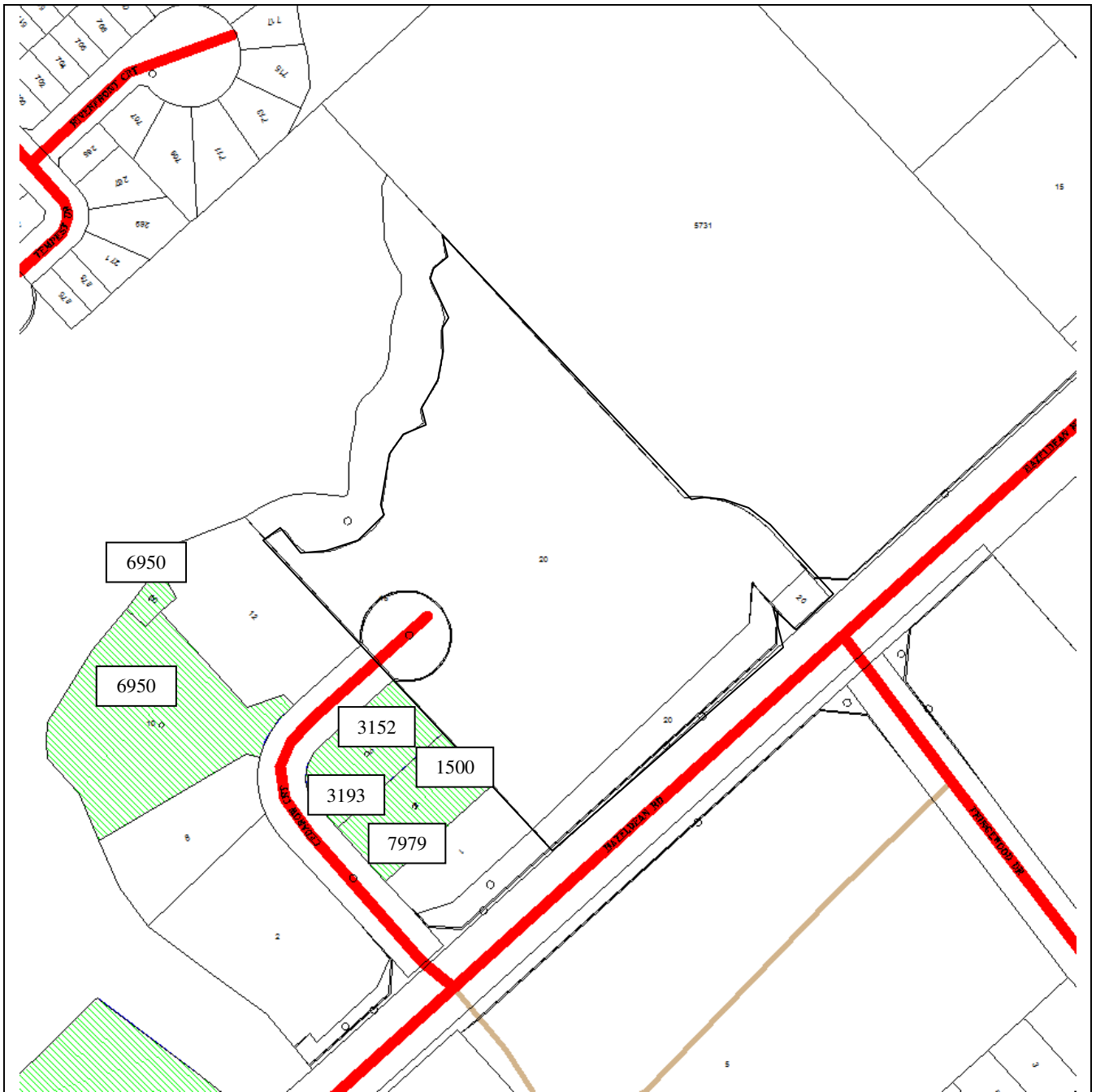
HL References 1:

HL References 2:

HL References 3: 2005 Select Phone


NAICS	SIC
811199	0
811111	0
811121	0
488410	0

Company Name	Year of Operation
KROWN RUST CONTROL CENTRE	c. 2001
KROWN RUST CONTROL CENTRE	c. 2005




Scale 1:
n/a

16 & 20 Cedarow Court
Ottawa, ON
File # C10-01-15-0009
Simon Lacoste



ID# = Activity Identification Number

 = Subject Site

Overview



File Number: C10-01-15-0009

January 28, 2015

Kathy Radisch
exp Services Inc.
100 – 2650 Queensview Drive
Ottawa, Ontario
K2B 8H6

Sent via email [kathy.radisch@exp.com]

Dear Kathy,

**Re: Information Request
16 & 20 Cedarow Court, Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation

The Planning and Growth Management Department has the following information in response to your request for information regarding the Subject Property:

- Within 5km of the subject property, there are two waste management facilities.

Search of Historical Land Use Inventory

This acknowledges receipt of the signed Disclaimer regarding your request for information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Subject Property.

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 50m of the Subject Property. The search revealed the following:

- There are 6 activities associated with properties located within 50m of the Subject Property: Activity Number 6950; 6950; 3152; 3193; 1500; 7979.

*Shaping our future together
Ensemble, formons notre avenir*

City of Ottawa
Infrastructure Services and Community
Sustainability Department
Planning and Growth Management Branch
110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 14743
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services d'infrastructure et Viabilité des
collectivités
Direction de l'approbation des demandes
d'aménagement et d'infrastructure
110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 14743
Télé.: (613) 560-6006
www.ottawa.ca

Please note that Activity Numbers 3193 has a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the Subject Property or on certain properties within 50m of the Subject Property. All database entries with a PIN Certainty of “2” require independent verification as to their precise location.

A site map has been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database’s location of the Activity Numbers with a PIN Certainty of “2”.

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

The Ontario Land Registry Office

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

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

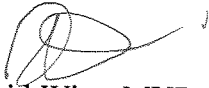
Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance,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

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

Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment for additional information.

If you have any further questions or comments, please contact Simon Lacoste at 613-580-2424 ext. 24856 or HLUI@ottawa.ca.

Sincerely,



David Wise, MUP, MCIP, RPP
Program Manager
Development Review (Suburban Services) - West
Planning and Growth Management Department

DW/AG

Attach: 7

cc: File no. C10-01-15-0009



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

EXP Services.

Attn: Mark

BRIEF DESCRIPTION OF LAND:

16 and 20 Cedarow St., Ottawa
Part of Lot 27, Concession 12 Goulbourn

PIN: 04466-1799
04466-0067

LAST REGISTERED OWNER: NLG 2011 Inc.

CHAIN OF TITLE:

Deed RO4554 registered Dec 2, 1851
From Francis Powell to Patrick Hartin

Deed GB701 registered Sep 14, 1874
From Patrick Hartin to John Hartin

Deed GB3641 registered Mar 21, 1894
From estate of John Hartin to Charles Hartin

Deed GB6007 registered May 1, 1908
From Charles Hartin to William Savage

Deed GB6687 registered Mar 1, 1913
From William Savage to William J. Savage

Deed GB7660 registered Apr 15, 1921
From William J. Savage to Albert J. Savage

Deed GB9439 registered Apr 12, 1943

From estate of Albert J. Savage to William A. Savage

Deed GB10182 registered Feb 18, 1949
From William A. Savage to Phillip A. Wheeler and Lois Wheeler

Deed GB10401 registered Aug 16, 1950
From Phillip A. Wheeler and Lois Wheeler to William T. D. Cole and Willa O. Cole

Deed GB11766 registered Feb 13, 1957
From Willa O. Cole to William T. D. Cole

Deed GB11906 registered Jul 4, 1957
From William T. D. Cole to Mary L. Blackburn

Tax Deed GB12569 registered Dec 17, 1958
From Corporation of the County of Carleton to Mary L. Blackburn

Deed NS87535 registered Jun 2, 1980
From Mary L. Blackburn to Kewal Krishan Dilawri

Lease NS119319 registered Jun 8, 1981
From Kewal Krishan Dilawri to 458069 Ontario Limited, c.o.b as Twin Star Holdings

Assignment of Lease NS145850 registered Mar 22, 1982
From 458069 Ontario Limited, c.o.b as Twin Star Holdings to 455866 Ontario Limited

Deed N285213 registered May 1, 1985
From Kewal Krishan Dilawri to 458069 Ontario Limited, c.o.b as Twin Star Holdings

Deed N285214 registered May 1, 1985
From 458069 Ontario Limited to 455866 Ontario Limited

Deed LT605200 registered Mar 9, 1989
From 455866 Ontario Limited to the Corporation of the Township of Goulbourn

Deed LT674347 registered May 28, 1990
From 455866 Ontario Limited to Canderel Investments Limited

Name Change LT1274763 registered Apr 7, 2000
From Canderel Investments Limited to Oxford Properties Quebec Inc.

Name Change OC211662 registered Jun 24, 2003
From Oxford Properties Quebec Inc. to Oxford Properties Group Inc./Groupe Immobilier Oxford Inc.

Deed OC263190 registered Oct 27, 2003
From Oxford Properties Group Inc./Groupe Immobilier Oxford Inc. to Canada Mortgage
and Housing Corporation

Names Change OC1751865 registered Dec 21, 2015
From the Corporation of the Township of Goulbourn to City of Ottawa

Deed OC1753369 registered Dec 30, 2015
From City of Ottawa to Ottawa Community Lands Development Corporation

Deed OC1753386 registered Dec 31, 2015
From Ottawa Community Lands Development Corporation to Wellings Communities
Holding Inc. and Extendicare (Canada) Inc.

Deed OC1916637 registered Aug 4, 2017
From Wellings Communities Holding Inc. and Extendicare (Canada) Inc. to Canada
Mortgage and Housing Corporation

Deed OC2067239 registered Dec 24, 2018
From Canada Mortgage and Housing Corporation to NLG 2011 Inc.

EXP Services Inc.
NLG LP One (o/a Wellings of Stittsville Inc.)
Phase One Environmental Site Assessment
20 Cedarow Court, Ottawa, Ontario
OTT-00257330-B0
January 27, 2023

Appendix E: EcoLog ERIS Report



DATABASE REPORT

Project Property: *Phase One ESA
20 Cedarow Court
Stittsville ON K2S 1V6*

Project No: *OTT-00257330-B0_mark.McCalla*

Report Type: *Standard Report*

Order No: *23010600588*

Requested by: *exp Services Inc.*

Date Completed: *January 10, 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
20 Cedarow Court Stittsville ON K2S 1V6*

Project No: *OTT-00257330-B0_mark.McCalla*

Coordinates:

Latitude: *45.2816528*
Longitude: *-75.9155122*
UTM Northing: *5,014,646.87*
UTM Easting: *428,198.05*
UTM Zone: *18T*

Elevation: *337 FT
102.84 M*

Order Information:

Order No: *23010600588*
Date Requested: *January 6, 2023*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

ERIS Xplorer [*ERIS Xplorer*](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<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	3	3
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	1	2	3
EBR	<i>Environmental Registry</i>	Y	1	1	2
ECA	<i>Environmental Compliance Approval</i>	Y	0	9	9
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	15	16
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	0	0
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	0	0
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
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
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	1	1
SPL	<i>Ontario Spills</i>	Y	0	2	2
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	11	11
Total:			3	48	51

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EBR	Bryton Capital Corporation	Part of Lot 27, Concession 12, 20 Cedarow Court CITY OF OTTAWA GOULBOURN ON	-/0.0	1.28	21
1	EASR	152610 CANADA INC.	20 Cedarow CRT Ottawa ON K2S 1V6	-/0.0	1.28	21
2	EHS		20 Cedarow Court Stittsville ON K2S 1V6	NE/0.0	1.28	21

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	EHS		10 Cedarow Crt & 14 Fringewood Dr Ottawa ON K2S1V6	ESE/66.9	3.03	22
4	EHS		16 & 20 Cedarow Crt Ottawa ON K2S1V6	WNW/70.1	-1.66	22
5	WWIS		lot 27 con 12 ON Well ID: 1502983	E/72.7	2.89	22
6	BORE		ON	E/72.8	2.89	25
7	EHS		16 to 20 Cedarow Court Kanata (Ottawa) ON	NW/80.8	-1.52	26
8	CA	AUTO SEARCHERS LIMITED	3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	WSW/88.8	-0.97	26
8	GEN	AUTO SEARCHERS LTD.	3 CEDAR ROW COURT STITTSVILLE ON	WSW/88.8	-0.97	26
9	CA	George Carruthers	5 Cedarow Court Ottawa ON K2S 1V6	WSW/99.1	-0.97	27
9	EHS		5 Cedarow Crt Ottawa ON K2S1V6	WSW/99.1	-0.97	27
9	ECA	George Carruthers	5 Cedarow Court Ottawa ON K0A 1L0	WSW/99.1	-0.97	27
10	SPL	PUC	ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER GOULBOURN TOWNSHIP ON	E/103.2	3.06	27
11	WWIS		lot 27 con 12 ON	WNW/104.6	-3.05	28

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7347119			
12	EHS		5731 Hazeldean Rd Ottawa ON K2S1E6	NNE/117.9	-0.02	29
12	ECA	Wellings Communities Holding Inc.	5731 Hazeldean Rd Ottawa ON L1S 3Z2	NNE/117.9	-0.02	29
13	WWIS		lot 27 con 11 ON Well ID: 1514633	SE/118.2	3.89	29
14	WWIS		3 ORCHARD DRIVE lot 27 con 11 Ottawa ON Well ID: 7339559	ESE/122.0	3.89	33
15	WWIS		CAMP ROAD TO IBEN ROAD lot 26 con 12 STITTSVILLE ON Well ID: 1534817	SSW/129.2	0.28	35
16	SPL	In-Depth Contracting<UNOFFICIAL>	on Cedarow Court, Kanata Ottawa ON	WSW/147.2	-0.84	38
17	EHS		10 Cedarow Court Stittsville ON K2S 1V6	WSW/152.1	-1.97	38
18	EASR	WELLINGS OF STITTSVILLE INC.	ON	NNE/160.9	0.03	39
19	ECA	2491929 Ontario Inc.	5 Orchard Dr Stittsville Ottawa ON K1S 3X7	SSE/168.4	4.08	39
19	EBR	Shell Canada Limited	5 Orchard Drive Ottawa, ON Canada ON	SSE/168.4	4.08	39
19	EASR	2491929 ONTARIO INC.	5 Orchard DR Ottawa ON K2S 1T3	SSE/168.4	4.08	40
19	ECA	2491929 Ontario Inc.	5 Orchard Dr Stittsville Ottawa ON K1S 3X7	SSE/168.4	4.08	40
20	EHS		5 Orchard Drive Stittsville ON K2S 1T3	SSE/173.0	4.03	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	EHS		5 Orchard Drive Stittsville ON K2S 1T3	SSE/173.0	4.03	40
21	EHS		10 Cedarow Court Stittsville ON K2S 1V6	W/179.9	-1.97	41
22	EHS		6 Cedarow Crt Ottawa ON K2S 1V6	WSW/182.4	-0.94	41
23	WWIS		lot 26 con 11 ON Well ID: 1502913	SSW/195.1	1.26	41
24	EHS		Wellings of Stittsville Ottawa ON K2S	NE/198.7	1.07	44
24	EHS		Wellings of Stittsville Ottawa ON K2S	NE/198.7	1.07	44
25	ECA	Unity Square Limited, as a general partner for and on behalf of Unity Square	Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	ENE/202.6	3.03	44
26	EHS		5 Orchard Drive Stittsville ON	SSE/203.3	3.99	44
27	EHS		8 Cedarow Court Ottawa ON	WSW/206.0	-1.99	45
27	SCT	Deb's Valley Foods Inc.	8 Cedarow Crt Stittsville ON K2S 1V6	WSW/206.0	-1.99	45
27	CA	4267281 Canada Inc.	8 Cedarow Court Ottawa ON K2S 1V6	WSW/206.0	-1.99	45
27	ECA	4267281 Canada Inc.	8 Cedarow Court Ottawa ON J9A 2Y2	WSW/206.0	-1.99	46
28	WWIS		lot 26 con 11 ON	SSW/222.8	1.03	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1502912			
29	WWIS		lot 26 con 11 ON Well ID: 1510161	SSW/225.2	2.08	48
30	BORE		ON	SSW/225.2	2.08	51
31	WWIS		15 CLOVERLOFT CRES. STITTSVILLE ON Well ID: 7122529	SE/227.0	5.03	53
32	WWIS		ON Well ID: 7221645	WSW/228.0	-1.27	61
33	ECA	Iber Hazeldean Land Limited	5754-5734 Hazeldean Rd 24 Iber Road Ottawa ON K1Y 3B2	E/230.0	3.03	62
33	ECA	Unity Square Limited, as a general partner for and on behalf of Unity Square	Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	E/230.0	3.03	63
34	BORE		ON	E/233.1	3.03	63
35	EHS		2 iber road Stittsville ON K2S 1E8	E/233.9	2.98	64
36	ECA	SHELL CANADA LIMITED/SHELL CANADA LIMITEE	5 ORCHARD DR STITTSVILLE ON K2S 1T3	S/236.0	3.03	64
37	WWIS		5831 HAZELDEAN ROAD lot 26 con 12 STITTSVILLE ON Well ID: 7154728	WSW/241.6	-1.97	65

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	E	72.75	<u>6</u>
	ON	SSW	225.21	<u>30</u>
	ON	E	233.09	<u>34</u>

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>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
AUTO SEARCHERS LIMITED	3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	WSW	88.76	<u>8</u>
George Carruthers	5 Cedarow Court Ottawa ON K2S 1V6	WSW	99.10	<u>9</u>
4267281 Canada Inc.	8 Cedarow Court Ottawa ON K2S 1V6	WSW	206.05	<u>27</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Nov 30, 2022 has found that there are 3 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
152610 CANADA INC.	20 Cedarow CRT Ottawa ON K2S 1V6	-	0.00	1
WELLINGS OF STITTSVILLE INC.	ON	NNE	160.94	18
2491929 ONTARIO INC.	5 Orchard DR Ottawa ON K2S 1T3	SSE	168.36	19

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Nov 30, 2022 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Bryton Capital Corporation	Part of Lot 27, Concession 12, 20 Cedarow Court CITY OF OTTAWA GOULBOURN ON	-	0.00	1
Shell Canada Limited	5 Orchard Drive Ottawa, ON Canada ON	SSE	168.36	19

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Nov 30, 2022 has found that there are 9 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>
2491929 Ontario Inc.	5 Orchard Dr Stittsville Ottawa ON K1S 3X7	SSE	168.36	19
2491929 Ontario Inc.	5 Orchard Dr Stittsville Ottawa ON K1S 3X7	SSE	168.36	19
Unity Square Limited, as a general partner for and on behalf of Unity Square	Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	ENE	202.56	25

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Unity Square Limited, as a general partner for and on behalf of Unity Square	Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	E	230.05	<u>33</u>
Iber Hazeldean Land Limited	5754-5734 Hazeldean Rd 24 Iber Road Ottawa ON K1Y 3B2	E	230.05	<u>33</u>
SHELL CANADA LIMITED/SHELL CANADA LIMITEE	5 ORCHARD DR STITTSVILLE ON K2S 1T3	S	236.01	<u>36</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
George Carruthers	5 Cedarow Court Ottawa ON K0A 1L0	WSW	99.10	<u>9</u>
Wellings Communities Holding Inc.	5731 Hazeldean Rd Ottawa ON L1S 3Z2	NNE	117.88	<u>12</u>
4267281 Canada Inc.	8 Cedarow Court Ottawa ON J9A 2Y2	WSW	206.05	<u>27</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 16 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>
	20 Cedarow Court Stittsville ON K2S 1V6	NE	0.03	<u>2</u>
	10 Cedarow Crt & 14 Fringewood Dr Ottawa ON K2S1V6	ESE	66.94	<u>3</u>
	5 Orchard Drive Stittsville ON K2S 1T3	SSE	173.04	<u>20</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5 Orchard Drive Stittsville ON K2S 1T3	SSE	173.04	<u>20</u>
	Wellings of Stittsville Ottawa ON K2S	NE	198.72	<u>24</u>
	Wellings of Stittsville Ottawa ON K2S	NE	198.72	<u>24</u>
	5 Orchard Drive Stittsville ON	SSE	203.26	<u>26</u>
	2 iber road Stittsville ON K2S 1E8	E	233.89	<u>35</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	16 & 20 Cedarow Crt Ottawa ON K2S1V6	WNW	70.05	<u>4</u>
	16 to 20 Cedarow Court Kanata (Ottawa) ON	NW	80.84	<u>7</u>
	5 Cedarow Crt Ottawa ON K2S1V6	WSW	99.10	<u>9</u>
	5731 Hazeldean Rd Ottawa ON K2S1E6	NNE	117.88	<u>12</u>
	10 Cedarow Court Stittsville ON K2S 1V6	WSW	152.12	<u>17</u>
	10 Cedarow Court Stittsville ON K2S 1V6	W	179.92	<u>21</u>

6 Cedarow Crt Ottawa ON K2S 1V6	WSW	182.40	22
8 Cedarow Court Ottawa ON	WSW	206.05	27

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>
AUTO SEARCHERS LTD.	3 CEDAR ROW COURT STITTSVILLE ON	WSW	88.76	8

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT 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>
Deb's Valley Foods Inc.	8 Cedarow Crt Stittsville ON K2S 1V6	WSW	206.05	27

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 2 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>
PUC	ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER GOULBOURN TOWNSHIP ON	E	103.17	10

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
In-Depth Contracting<UNOFFICIAL>	on Cedarow Court, Kanata Ottawa ON	WSW	147.15	16

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 11 WWIS site(s) within approximately 0.25 kilometers of the project property.

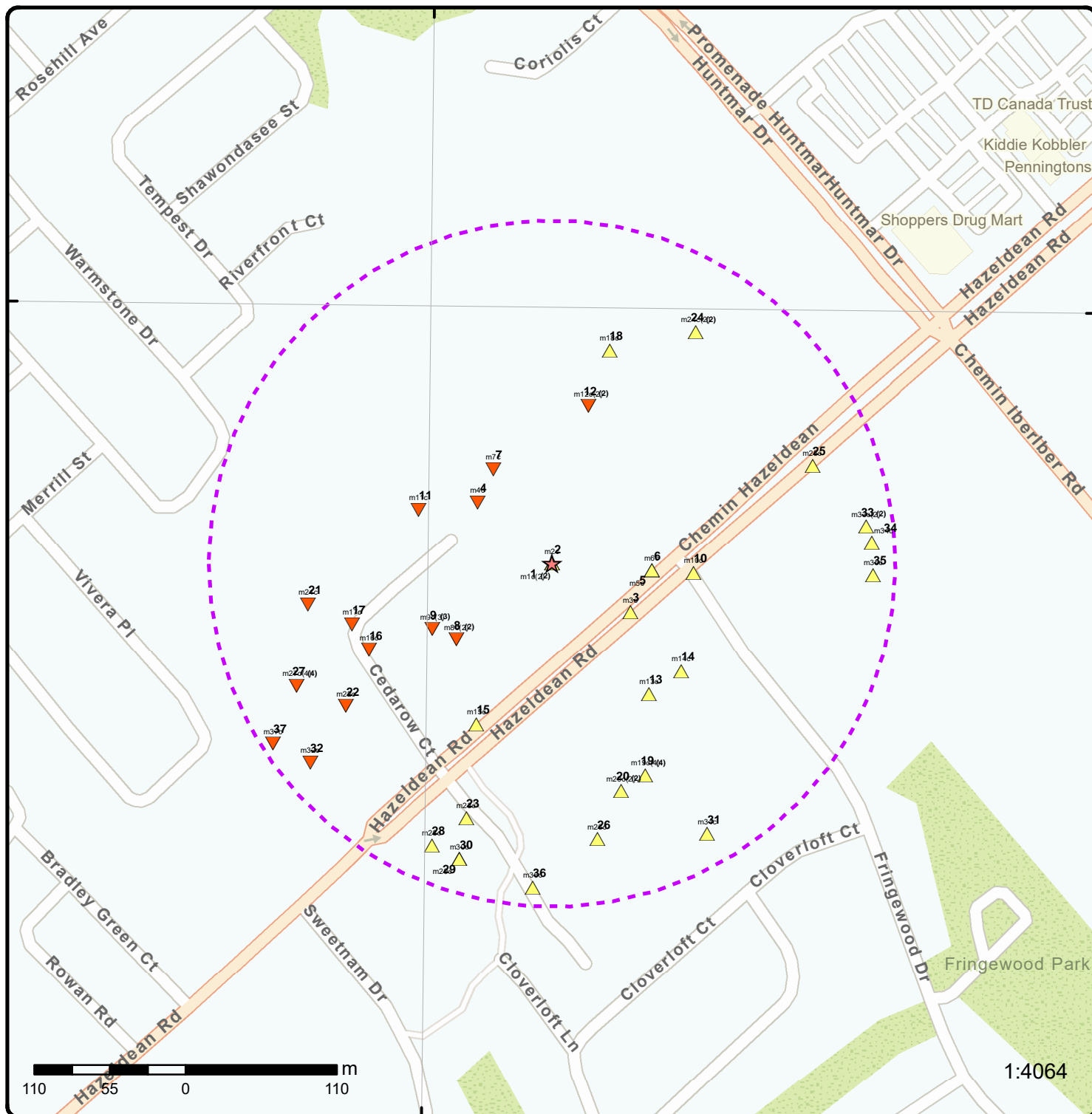
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 27 con 12 ON <i>Well ID:</i> 1502983	E	72.71	<u>5</u>
	lot 27 con 11 ON <i>Well ID:</i> 1514633	SE	118.23	<u>13</u>
	3 ORCHARD DRIVE lot 27 con 11 Ottawa ON <i>Well ID:</i> 7339559	ESE	122.03	<u>14</u>
	CAMP ROAD TO IBEN ROAD lot 26 con 12 STITTSVILLE ON <i>Well ID:</i> 1534817	SSW	129.19	<u>15</u>
	lot 26 con 11 ON <i>Well ID:</i> 1502913	SSW	195.13	<u>23</u>
	lot 26 con 11 ON <i>Well ID:</i> 1502912	SSW	222.75	<u>28</u>
	lot 26 con 11 ON <i>Well ID:</i> 1510161	SSW	225.21	<u>29</u>
	15 CLOVERLOFT CRES. STITTSVILLE ON <i>Well ID:</i> 7122529	SE	226.97	<u>31</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 27 con 12 ON <i>Well ID:</i> 7347119	WNW	104.64	<u>11</u>
	ON <i>Well ID:</i> 7221645	WSW	227.99	<u>32</u>

5831 HAZELDEAN ROAD lot 26 con
12
STITTSVILLE ON
Well ID: 7154728

WSW

241.57

[37](#)



Map: 0.25 Kilometer Radius

Order Number: 23010600588

Address: 20 Cedarow Court, Stittsville, ON

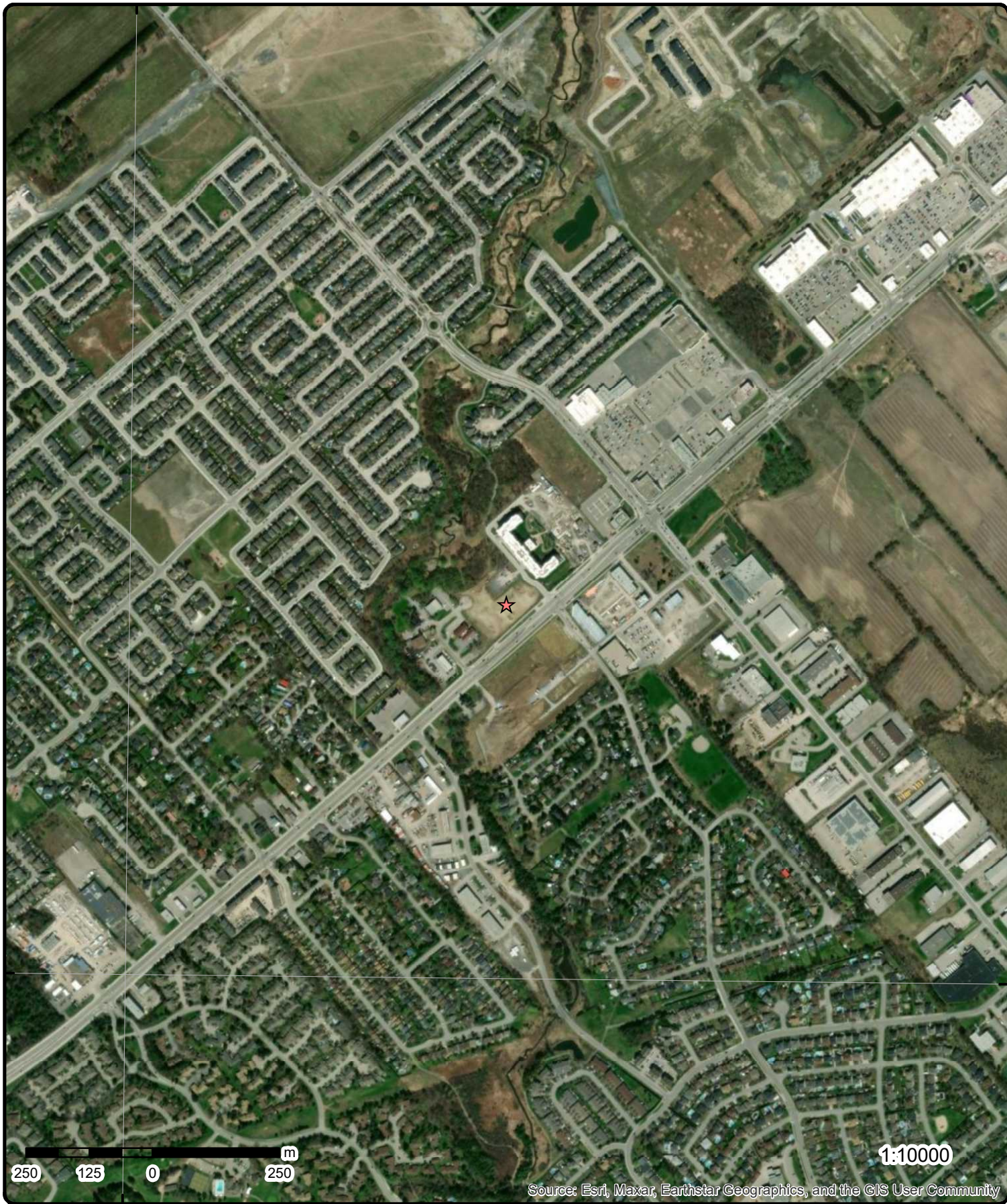


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°55'30"W

45°16'30"N

45°16'30"N



Aerial Year: 2022

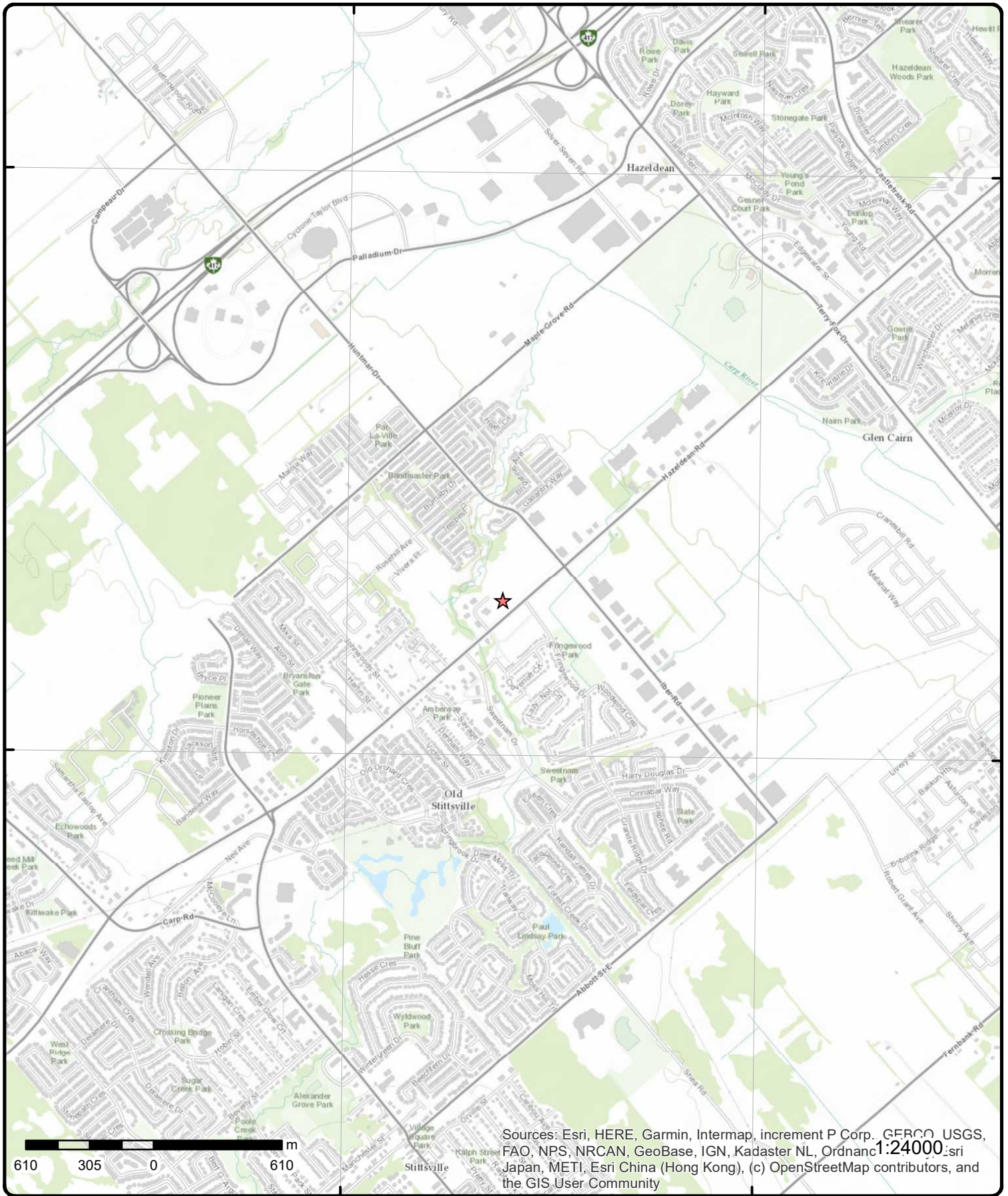
Order Number: 23010600588

Address: 20 Cedarow Court, Stittsville, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 20 Cedar Court, ON

Source: ESRI World Topographic Map

Order Number: 23010600588



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
<u>1</u>	1 of 2	-/0.0	104.1 / 1.28	Bryton Capital Corporation Part of Lot 27, Concession 12, 20 Cedarow Court CITY OF OTTAWA GOULBOURN ON	EBR		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> EBR Registry No: 011-3079 Ministry Ref No: MNR INST 25/11 Notice Type: Instrument Decision Notice Stage: Notice Date: April 30, 2012 Proposal Date: April 01, 2011 Year: 2011 Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species Off Instrument Name: Posted By: Company Name: Bryton Capital Corporation Site Address: Location Other: Proponent Name: Proponent Address: 121 Richmond Street West , Suite 801, Toronto Ontario, Canada M5H 2K1 Comment Period: URL: </td> <td style="width: 50%; vertical-align: top;"> Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map: </td> </tr> </table>						EBR Registry No: 011-3079 Ministry Ref No: MNR INST 25/11 Notice Type: Instrument Decision Notice Stage: Notice Date: April 30, 2012 Proposal Date: April 01, 2011 Year: 2011 Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species Off Instrument Name: Posted By: Company Name: Bryton Capital Corporation Site Address: Location Other: Proponent Name: Proponent Address: 121 Richmond Street West , Suite 801, Toronto Ontario, Canada M5H 2K1 Comment Period: URL:	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:
EBR Registry No: 011-3079 Ministry Ref No: MNR INST 25/11 Notice Type: Instrument Decision Notice Stage: Notice Date: April 30, 2012 Proposal Date: April 01, 2011 Year: 2011 Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species Off Instrument Name: Posted By: Company Name: Bryton Capital Corporation Site Address: Location Other: Proponent Name: Proponent Address: 121 Richmond Street West , Suite 801, Toronto Ontario, Canada M5H 2K1 Comment Period: URL:	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:						
Site Location Details: Part of Lot 27, Concession 12, 20 Cedarow Court CITY OF OTTAWA GOULBOURN							
<u>1</u>	2 of 2	-/0.0	104.1 / 1.28	152610 CANADA INC. 20 Cedarow CRT Ottawa ON K2S 1V6	EASR		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Approval No: R-009-4198915077 Status: REGISTERED Date: November 18, 2022 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering SWP Area Name: Mississippi Valley PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2787067 PDF Site Location: 20 Cedarow Court Ottawa ON K2S 1V6 </td> <td style="width: 50%; vertical-align: top;"> MOE District: Ottawa Municipality: Ottawa Latitude: 45.28194444 Longitude: -75.91611111 Geometry X: -8450942.8319000006 Geometry Y: 5666017.6177999973 </td> </tr> </table>						Approval No: R-009-4198915077 Status: REGISTERED Date: November 18, 2022 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering SWP Area Name: Mississippi Valley PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2787067 PDF Site Location: 20 Cedarow Court Ottawa ON K2S 1V6	MOE District: Ottawa Municipality: Ottawa Latitude: 45.28194444 Longitude: -75.91611111 Geometry X: -8450942.8319000006 Geometry Y: 5666017.6177999973
Approval No: R-009-4198915077 Status: REGISTERED Date: November 18, 2022 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering SWP Area Name: Mississippi Valley PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2787067 PDF Site Location: 20 Cedarow Court Ottawa ON K2S 1V6	MOE District: Ottawa Municipality: Ottawa Latitude: 45.28194444 Longitude: -75.91611111 Geometry X: -8450942.8319000006 Geometry Y: 5666017.6177999973						
<u>2</u>	1 of 1	NE/0.0	104.1 / 1.28	20 Cedarow Court Stittsville ON K2S 1V6	EHS		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Order No: 20180516023 Status: C Report Type: Standard Report Report Date: 23-MAY-18 </td> <td style="width: 50%; vertical-align: top;"> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 </td> </tr> </table>						Order No: 20180516023 Status: C Report Type: Standard Report Report Date: 23-MAY-18	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25
Order No: 20180516023 Status: C Report Type: Standard Report Report Date: 23-MAY-18	Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Received: 16-MAY-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
3	1 of 1	ESE/66.9	105.9 / 3.03	10 Cedarow Crt & 14 Fringewood Dr Ottawa ON K2S1V6	EHS
Order No: 20180319141 Status: C Report Type: Custom Report Report Date: 26-MAR-18 Date Received: 19-MAR-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.914781 Y: 45.281342					
<hr/>					
4	1 of 1	WNW/70.1	101.2 / -1.66	16 & 20 Cedarow Crt Ottawa ON K2S1V6	EHS
Order No: 20141219002 Status: C Report Type: Standard Report Report Date: 29-DEC-14 Date Received: 19-DEC-14 Previous Site Name: Vacant land Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.916207 Y: 45.282049					
<hr/>					
5	1 of 1	E/T2.7	105.7 / 2.89	lot 27 con 12 ON	WWIS
Well ID: 1502983 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: GOULBOURN TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 15-Oct-1957 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 3114 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 027 Concession: 12 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502983.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 1957/08/29 Year Completed: 1957 Depth (m): 32.004					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.281616378831			
Longitude:		-75.9145865480006			
Path:		150\1502983.pdf			

Bore Hole Information

Bore Hole ID:	10025026	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428270.60
Code OB Desc:		North83:	5014642.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	29-Aug-1957 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930995718
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930995719
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961502983
Method Construction Code:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573596			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042833			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042834			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		105.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991502983			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:					
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455807			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		105.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Links

Bore Hole ID:	10025026	Tag No:	
Depth M:	32.004	Contractor:	3114
Year Completed:	1957	Path:	150\1502983.pdf
Well Completed Dt:	1957/08/29	Latitude:	45.281616378831
Audit No:		Longitude:	-75.9145865480006

<u>6</u>	1 of 1	E/72.8	105.7 / 2.89	ON	BORE
----------	--------	--------	--------------	----	------

Borehole ID:	609611	Inclin FLG:	No
OGF ID:	215511227	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	AUG-1957	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.281617
Total Depth m:	32	Longitude DD:	-75.914586
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	428271
Drill Method:		Northing:	5014642
Orig Ground Elev m:	103	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	104		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218383633	Mat Consistency:	
Top Depth:	2.1	Material Moisture:	
Bottom Depth:	32	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 001100 FEET.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 1150 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218383632	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	2.1	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Soil	Geologic Formation:	
Material 2:	Sand	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SOIL,SAND.		

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 02119 NTS_Sheet: Confiden 1:					
Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level					
Source List					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada					
Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator					
7	1 of 1	NW/80.8	101.3 / -1.52	16 to 20 Cedarow Court Kanata (Ottawa) ON	EHS
Order No: 20090331030 Status: C Report Type: Standard Report Report Date: 4/9/2009 Date Received: 3/31/2009 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -75.916067 Y: 45.282266					
8	1 of 2	WSW/88.8	101.9 / -0.97	AUTO SEARCHERS LIMITED 3 CEDAROW COURT, PLAN 4M-691 GOULBOURN TWP. ON	CA
Certificate #: 8-4227-95-966 Application Year: 95 Issue Date: 1/29/96 Approval Type: Industrial air Status: Received in 1995, Issued in 1996 Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: WASTE OIL FURNACE MODEL CB-1400 Contaminants: Suspended Particulate Matter, Sulphur Dioxide, Nitrogen Oxides, Zinc Emission Control:					
8	2 of 2	WSW/88.8	101.9 / -0.97	AUTO SEARCHERS LTD. 3 CEDAR ROW COURT STITTSVILLE ON	GEN
Generator No: ON2099400 SIC Code: 6351 SIC Description: GARAGES(GEN. REPAIR) Approval Years: 95,96,97,98,99,00,01 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
9	1 of 3	WSW/99.1	101.9 / -0.97	George Carruthers 5 Cedarow Court Ottawa ON K2S 1V6	CA
Certificate #:		9533-5SXQ6U			
Application Year:		2003			
Issue Date:		11/3/2003			
Approval Type:		Industrial Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
9	2 of 3	WSW/99.1	101.9 / -0.97	5 Cedarow Crt Ottawa ON K2S1V6	EHS
Order No:		20160411153		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		18-APR-16		Search Radius (km): .25	
Date Received:		11-APR-16		X: -75.916697	
Previous Site Name:				Y: 45.2812	
Lot/Building Size:					
Additional Info Ordered:					
9	3 of 3	WSW/99.1	101.9 / -0.97	George Carruthers 5 Cedarow Court Ottawa ON K0A 1L0	ECA
Approval No:		9533-5SXQ6U		MOE District: Ottawa	
Approval Date:		2003-11-03		City:	
Status:		Approved		Longitude: -75.91671	
Record Type:		ECA		Latitude: 45.281216	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Mississippi Valley		Geometry Y:	
Approval Type:		ECA-INDUSTRIAL SEWAGE WORKS			
Project Type:		INDUSTRIAL SEWAGE WORKS			
Business Name:		George Carruthers			
Address:		5 Cedarow Court			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/7598-5QSPT5-14.pdf			
PDF Site Location:					
10	1 of 1	E/103.2	105.9 / 3.06	PUC ON VACANT LOT AT CORNER OF HAZELDINE ROAD & FRINGEWOOD DRIVE, STITTSVILLE SANITARY SEWER	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
GOULBOURN TOWNSHIP ON					
Ref No:	149973			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12/6/1997			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	PIPE/HOSE LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	POSSIBLE			Site Municipality:	20604
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scr:				Site Geo Ref Accu:	
MOE Reported Dt:	12/6/1997			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	GOULBOURNE TWP PUC:225 L RAW SEWAGE TO GROUND WHENFORCEMAIN OVERFLOWED.				
Contaminant Qty:					

11	1 of 1	WNW/104.6	99.8 / -3.05	lot 27 con 12 ON	WWIS
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Well ID:	7347119	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	15-Nov-2019 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	C47012	Contractor:	7328
Tag:	A251288	Form Version:	8
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	027
Depth to Bedrock:		Concession:	12
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/01/17
Year Completed:	2019
Depth (m):	
Latitude:	45.2819950573407
Longitude:	-75.9167551353497
Path:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1007713110			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428101.00
Code OB Desc:				North83:	5014686.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	17-Jan-2019 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Links</u>					
Bore Hole ID:	1007713110			Tag No:	A251288
Depth M:				Contractor:	7328
Year Completed:	2019			Path:	
Well Completed Dt:	2019/01/17			Latitude:	45.2819950573407
Audit No:	C47012			Longitude:	-75.9167551353497
12	1 of 2	NNE/117.9	102.8 / -0.02	5731 Hazeldean Rd Ottawa ON K2S1E6	EHS
Order No:	20151202137			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	08-DEC-15			Search Radius (km):	.25
Date Received:	02-DEC-15			X:	-75.91508
Previous Site Name:				Y:	45.283145
Lot/Building Size:					
Additional Info Ordered:	Topographic Maps				
12	2 of 2	NNE/117.9	102.8 / -0.02	Wellings Communities Holding Inc. 5731 Hazeldean Rd Ottawa ON L1S 3Z2	ECA
Approval No:	7185-ARZMHZ			MOE District:	
Approval Date:	2017-10-18			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	Wellings Communities Holding Inc.				
Address:	5731 Hazeldean Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3593-APFKH2-14.pdf				
PDF Site Location:					
13	1 of 1	SE/118.2	106.7 / 3.89	lot 27 con 11 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1514633			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07-May-1975 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3658
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	027
Depth to Bedrock:				Concession:	11
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514633.pdf

Additional Detail(s) (Map)

Well Completed Date: 1974/07/15
Year Completed: 1974
Depth (m): 26.8224
Latitude: 45.2808061446439
Longitude: -75.9145990301113
Path: 151\1514633.pdf

Bore Hole Information

Bore Hole ID:	10036605	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428268.60
Code OB Desc:		North83:	5014552.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	15-Jul-1974 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931026851
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		88.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026850			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514633			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585175			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064699			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930064700			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		88.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991514633			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		32.0			
Pumping Rate:		17.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901512			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100456			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644043			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383055			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933470532			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		86.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Links					
Bore Hole ID:	10036605			Tag No:	
Depth M:	26.8224			Contractor:	3658
Year Completed:	1974			Path:	151\1514633.pdf
Well Completed Dt:	1974/07/15			Latitude:	45.2808061446439
Audit No:				Longitude:	-75.9145990301113

14	1 of 1	ESE/122.0	106.7 / 3.89	3 ORCHARD DRIVE lot 27 con 11 Ottawa ON	WWIS
Well ID:	7339559			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	13-Aug-2019 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z171359			Contractor:	1844
Tag:	A215191			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	027
Depth to Bedrock:				Concession:	11
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2019/06/04
Year Completed:	2019
Depth (m):	5.13
Latitude:	45.2809615389777
Longitude:	-75.9143031682134
Path:	

Bore Hole Information

Bore Hole ID:	1007589881	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428292.00
Code OB Desc:		North83:	5014569.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04-Jun-2019 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008024785			
Layer:		1			
Color:					
General Color:					
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.130000114440918			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008026203			
Layer:		1			
Plug From:		0.0			
Plug To:		3.3499999046325684			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1008027413			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008023859			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008027868			
Layer:		1			
Material:		7			
Open Hole or Material:		OTHER			
Depth From:		0.0			
Depth To:		3.6500000953674316			
Casing Diameter:		5.079999923706055			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1008028466			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.6500000953674316			
Screen End Depth:		5.130000114440918			
Screen Material:		7			
Screen Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter UOM:		cm			
Screen Diameter:		5.880000114440918			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008029081			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1008028648			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		1.7000000476837158			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1008026776			
Diameter:		10.15999984741211			
Depth From:		0.0			
Depth To:		5.130000114440918			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1007589881			Tag No:	A215191
Depth M:	5.13			Contractor:	1844
Year Completed:	2019			Path:	733\7339559.pdf
Well Completed Dt:	2019/06/04			Latitude:	45.2809615389777
Audit No:	Z171359			Longitude:	-75.9143031682134

15	1 of 1	SSW/129.2	103.1 / 0.28	CAMP ROAD TO IBEN ROAD lot 26 con 12 STITTSVILLE ON	WWIS
Well ID:	1534817			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Observation Wells			Date Received:	27-Jul-2004 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z11980			Contractor:	1844
Tag:	A011944			Form Version:	3
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	026
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534817.pdf			

Additional Detail(s) (Map)

Well Completed Date: 2004/07/08
Year Completed: 2004
Depth (m): 26
Latitude: 45.2805953029566
Longitude: -75.9161970790279
Path: 153\1534817.pdf

Bore Hole Information

Bore Hole ID:	11172569	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428143.00
Code OB Desc:		North83:	5014530.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	08-Jul-2004 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932968229
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 26.0
Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933253002

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Plug From:	1.7999999523162842				
Plug To:	2.200000047683716				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	933253001				
Layer:	1				
Plug From:	0.0				
Plug To:	1.7999999523162842				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961534817				
Method Construction Code:	B				
Method Construction:	Other Method				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11181088				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930842694				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0.0				
Depth To:	1.5				
Casing Diameter:	5.099999904632568				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	933409099				
Layer:	1				
Slot:	10				
Screen Top Depth:	1.5				
Screen End Depth:	2.0999999046325684				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	6.5				
<u>Water Details</u>					
Water ID:	934050210				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	1.0				
Water Found Depth UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Hole Diameter

Hole ID: 11305628
Diameter: 10.0
Depth From: 0.0
Depth To: 2.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID:	11172569	Tag No:	A011944
Depth M:	26	Contractor:	1844
Year Completed:	2004	Path:	153\1534817.pdf
Well Completed Dt:	2004/07/08	Latitude:	45.2805953029566
Audit No:	Z11980	Longitude:	-75.9161970790279

<u>16</u>	1 of 1	WSW/147.2	102.0 / -0.84	In-Depth Contracting<UNOFFICIAL> on Cedarow Court, Kanata Ottawa ON	SPL
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Ref No:	7823-BGURLR	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	10/11/2019	Health/Env Conseq:	2 - Minor Environment
Year:		Client Type:	
Incident Cause:		Sector Type:	Municipal Sewage
Incident Event:	Leak/Break	Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	on Cedarow Court, Kanata
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:	n/a	Site Region:	Eastern
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:	Source Water Zone	Northing:	5014584
MOE Response:	No	Easting:	428065
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/11/2019	Site Map Datum:	
Dt Document Closed:	12/24/2019	SAC Action Class:	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason:	Operator/Human Error	Source Type:	Sewer (Private or Municipal)
Site Name:	forcemain <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	In-Depth Contracting: hit sewage forcemain, ctnd to trench		
Contaminant Qty:	0 n/a		

<u>17</u>	1 of 1	WSW/152.1	100.9 / -1.97	10 Cedarow Court Stittsville ON K2S 1V6	EHS
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Order No:	20051020005	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	10/28/2005	Search Radius (km):	0.25
Date Received:	10/20/2005	X:	-75.917434
Previous Site Name:		Y:	45.281223
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	NNE/160.9	102.9 / 0.03	WELLINGS OF STITTSVILLE INC. ON	EASR
Approval No: R-009-3110135431 Status: REGISTERED Date: 2017-05-10 Record Type: EASR Link Source: MOFA Project Type: Water Taking - Construction Dewatering Full Address: Approval Type: EASR-Water Taking - Construction Dewatering SWP Area Name: Mississippi Valley PDF URL: PDF Site Location:					
19	1 of 4	SSE/168.4	106.9 / 4.08	2491929 Ontario Inc. 5 Orchard Dr Stittsville Ottawa ON K1S 3X7	ECA
Approval No: 2653-BHFL4U Approval Date: 2019-11-04 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: 2491929 Ontario Inc. Address: 5 Orchard Dr Stittsville Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6262-BHAKRP-14.pdf PDF Site Location:					
19	2 of 4	SSE/168.4	106.9 / 4.08	Shell Canada Limited 5 Orchard Drive Ottawa, ON Canada ON	EBR
EBR Registry No: 019-4054 Ministry Ref No: 1000128461 Notice Type: Instrument Notice Stage: Decision Notice Date: Proposal Date: July 23, 2021 Year: 2021 Instrument Type: Environmental Compliance Approval (sewage) Off Instrument Name: Environmental Compliance Approval (sewage) (OWRA s.53) Posted By: Ministry of the Environment, Conservation and Parks Company Name: Site Address: 5 Orchard Drive Ottawa, ON Canada Location Other: Proponent Name: Shell Canada Limited Proponent Address: Shell Canada Limited 400 4th Avenue Southwest Calgary, AB T2P 0J4 Canada Comment Period: July 23, 2021 - September 6, 2021 (45 days) Closed URL: https://ero.ontario.ca/notice/019-4054 Site Location Details:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	3 of 4	SSE/168.4	106.9 / 4.08	2491929 ONTARIO INC. 5 Orchard DR Ottawa ON K2S 1T3	EASR
Approval No:	R-009-1161030884			MOE District:	Ottawa
Status:	REGISTERED			Municipality:	Ottawa
Date:	February 15, 2022			Latitude:	45.28
Record Type:	EASR			Longitude:	-75.91472222
Link Source:	MOFA			Geometry X:	-8450788.2215
Project Type:	Water Taking - Construction Dewatering			Geometry Y:	5665709.9926000005
Full Address:	EASR-Water Taking - Construction Dewatering				
Approval Type:	Mississippi Valley				
SWP Area Name:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2576004				
PDF URL:	5 Orchard Drive				
PDF Site Location:	Ottawa ON K2S 1T3				

19	4 of 4	SSE/168.4	106.9 / 4.08	2491929 Ontario Inc. 5 Orchard Dr Stittsville Ottawa ON K1S 3X7	ECA
Approval No:	0790-CC3N9V			MOE District:	Ottawa
Approval Date:	March 15, 2022			City:	
Status:	Approved			Longitude:	-75.91484
Record Type:	ECA			Latitude:	45.280073
Link Source:	IDS			Geometry X:	-8450801.3324999996
SWP Area Name:	Mississippi Valley			Geometry Y:	5665721.5415999955
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	2491929 Ontario Inc.				
Address:	5 Orchard Dr Stittsville				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1079-CBMKTC-14.pdf				
PDF Site Location:	5 Orchard Drive Succession Court City of Ottawa, Ontario				

20	1 of 2	SSE/173.0	106.9 / 4.03	5 Orchard Drive Stittsville ON K2S 1T3	EHS
Order No:	20200220241			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	25-FEB-20			Search Radius (km):	.25
Date Received:	20-FEB-20			X:	-75.9148466
Previous Site Name:				Y:	45.2801679
Lot/Building Size:					
Additional Info Ordered:					

20	2 of 2	SSE/173.0	106.9 / 4.03	5 Orchard Drive Stittsville ON K2S 1T3	EHS
Order No:	20200220241			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	25-FEB-20			Search Radius (km):	.25
Date Received:	20-FEB-20			X:	-75.9148466
Previous Site Name:				Y:	45.2801679
Lot/Building Size:					
Additional Info Ordered:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	W/179.9	100.9 / -1.97	10 Cedarow Court Stittsville ON K2S 1V6	EHS
Order No:	22081600057			Nearest Intersection:	
Status:	C			Municipality:	City of Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-AUG-22			Search Radius (km):	.25
Date Received:	16-AUG-22			X:	-75.9177702
Previous Site Name:				Y:	45.2813673
Lot/Building Size:					
Additional Info Ordered:					
22	1 of 1	WSW/182.4	101.9 / -0.94	6 Cedarow Crt Ottawa ON K2S 1V6	EHS
Order No:	20130322014			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	01-APR-13			Search Radius (km):	.25
Date Received:	22-MAR-13			X:	0
Previous Site Name:				Y:	0
Lot/Building Size:					
Additional Info Ordered:					
23	1 of 1	SSW/195.1	104.1 / 1.26	lot 26 con 11 ON	WWIS
Well ID:	1502913			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05-Aug-1958 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4824
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	026
Depth to Bedrock:				Concession:	11
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502913.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	1958/07/10				
Year Completed:	1958				
Depth (m):	22.86				
Latitude:	45.27998252362				
Longitude:	-75.9162815672022				
Path:	150\1502913.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10024956			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428135.60
Code OB Desc:				North83:	5014462.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10-Jul-1958 00:00:00			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930995564				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	10.0				
Formation End Depth:	75.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930995563				
Layer:	1				
Color:					
General Color:					
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	10.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961502913				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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Pipe ID: 10573526
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930042693
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042694
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991502913
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 25.0
Recommended Pump Depth:
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933455725
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10024956 **Tag No:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth M: 22.86 Year Completed: 1958 Well Completed Dt: 1958/07/10 Audit No:				Contractor: 4824 Path: 150\1502913.pdf Latitude: 45.27998252362 Longitude: -75.9162815672022	
24	1 of 2	NE/198.7	103.9 / 1.07	Wellings of Stittsville Ottawa ON K2S	EHS
Order No: 20291400529 Status: C Report Type: Custom Report Report Date: 17-SEP-20 Date Received: 14-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.91420225 Y: 45.28318386	
24	2 of 2	NE/198.7	103.9 / 1.07	Wellings of Stittsville Ottawa ON K2S	EHS
Order No: 20291400529 Status: C Report Type: Custom Report Report Date: 17-SEP-20 Date Received: 14-SEP-20 Previous Site Name: Lot/Building Size: Additional Info Ordered:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.91420225 Y: 45.28318386	
25	1 of 1	ENE/202.6	105.9 / 3.03	Unity Square Limited, as a general partner for and on behalf of Unity Square Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	ECA
Approval No: 2955-BXES8A Approval Date: 2021-08-26 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: Unity Square Limited, as a general partner for and on behalf of Unity Square Limited Partnership Address: 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4224-BF9LJ8-14.pdf PDF Site Location: 24 Iber Road, 5754 and 5734 Hazeldean Road City of Ottawa, K2S 1E8				MOE District: City: Longitude: -75.9126 Latitude: 45.281916 Geometry X: -8450551.9768000003 Geometry Y: 5666013.11770000031	
26	1 of 1	SSE/203.3	106.8 / 3.99	5 Orchard Drive Stittsville ON	EHS
Order No: 20130904041 Status: C Report Type: Standard Report Report Date: 16-SEP-13 Date Received: 04-SEP-13 Previous Site Name:				Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.915063 Y: 45.279851	

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			
27	1 of 4	WSW/206.0	100.9 / -1.99	8 Cedarow Court Ottawa ON	EHS
Order No:	20041001001		Nearest Intersection: Hazeldean Road and Cedar Row Court		
Status:	C		Municipality:		
Report Type:	Complete Report		Client Prov/State: ON		
Report Date:	10/12/04		Search Radius (km): 0.25		
Date Received:	10/1/04		X: -75.917418		
Previous Site Name:			Y: 45.281114		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
27	2 of 4	WSW/206.0	100.9 / -1.99	Deb's Valley Foods Inc. 8 Cedarow Crt Stittsville ON K2S 1V6	SCT
Established:	01-AUG-90				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	Rendering and Meat Processing from Carcasses				
SIC/NAICS Code:	311614				
Description:	All Other Industrial Machinery Manufacturing				
SIC/NAICS Code:	333299				
Description:	Frozen Food Manufacturing				
SIC/NAICS Code:	311410				
Description:	All Other Food Manufacturing				
SIC/NAICS Code:	311990				
Description:	Fruit and Vegetable Canning, Pickling and Drying				
SIC/NAICS Code:	311420				
27	3 of 4	WSW/206.0	100.9 / -1.99	4267281 Canada Inc. 8 Cedarow Court Ottawa ON K2S 1V6	CA
Certificate #:	0544-6D6NCV				
Application Year:	2005				
Issue Date:	6/13/2005				
Approval Type:	Industrial Sewage Works				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	4 of 4	WSW/206.0	100.9 / -1.99	4267281 Canada Inc. 8 Cedarow Court Ottawa ON J9A 2Y2	ECA
Approval No: 0544-6D6NCV Approval Date: 2005-06-13 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-INDUSTRIAL SEWAGE WORKS Project Type: INDUSTRIAL SEWAGE WORKS Business Name: 4267281 Canada Inc. Address: 8 Cedarow Court Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3562-6BKLFB-14.pdf PDF Site Location:					

28	1 of 1	SSW/222.8	103.9 / 1.03	lot 26 con 11 ON	WWIS
Well ID: 1502912 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: GOULBOURN TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502912.pdf					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 03-Oct-1956 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 4824 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 026 Concession: 11 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Additional Detail(s) (Map)

Well Completed Date: 1956/05/18
Year Completed: 1956
Depth (m): 14.6304
Latitude: 45.2797999595204
Longitude: -75.9165973813483
Path: 150\1502912.pdf

Bore Hole Information

Bore Hole ID: 10024955
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 18
East83: 428110.60
North83: 5014442.00
Org CS:
UTMRC: 5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	18-May-1956	00:00:00		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:					Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			930995562		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			12.0		
Formation End Depth:			48.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			930995561		
Layer:			1		
Color:					
General Color:					
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			12.0		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961502912		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10573525		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930042692		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930042691
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991502912
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 15.0
Recommended Pump Depth:
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933455724
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10024955	Tag No:	
Depth M:	14.6304	Contractor:	4824
Year Completed:	1956	Path:	150\1502912.pdf
Well Completed Dt:	1956/05/18	Latitude:	45.2797999595204
Audit No:		Longitude:	-75.9165973813483

29	1 of 1	SSW/225.2	104.9 / 2.08	lot 26 con 11 ON	WWIS
Well ID:	1510161	Flowing (Y/N):			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	25-Aug-1969 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1603
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	026
Depth to Bedrock:				Concession:	11
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510161.pdf

Additional Detail(s) (Map)

Well Completed Date: 1969/06/18
Year Completed: 1969
Depth (m): 32.9184
Latitude: 45.2797120022611
Longitude: -75.9163409631571
Path: 151\1510161.pdf

Bore Hole Information

Bore Hole ID:	10032190	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428130.60
Code OB Desc:		North83:	5014432.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	18-Jun-1969 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931014074
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		4.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014075			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		108.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014073			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510161			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580760			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056987			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		108.0			
Casing Diameter:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930056986
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 22.0
 Casing Diameter: 2.0
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
 Pump Test ID: 991510161
 Pump Set At:
 Static Level: 4.0
 Final Level After Pumping: 25.0
 Recommended Pump Depth: 25.0
 Pumping Rate: 8.0
 Flowing Rate:
 Recommended Pump Rate: 6.0
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 2
 Water State After Test: CLOUDY
 Pumping Test Method: 1
 Pumping Duration HR: 3
 Pumping Duration MIN: 0
 Flowing: No

Water Details

Water ID: 933465100
 Layer: 1
 Kind Code: 3
 Kind: SULPHUR
 Water Found Depth: 103.0
 Water Found Depth UOM: ft

Links

Bore Hole ID:	10032190	Tag No:	
Depth M:	32.9184	Contractor:	1603
Year Completed:	1969	Path:	151\1510161.pdf
Well Completed Dt:	1969/06/18	Latitude:	45.2797120022611
Audit No:		Longitude:	-75.9163409631571

30	1 of 1	SSW/225.2	104.9 / 2.08	ON	BORE
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Borehole ID:	609601	Inclin FLG:	No
OGF ID:	215511217	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	JUN-1969	Municipality:	
Static Water Level:		Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.279712
Total Depth m:	32.9			Longitude DD:	-75.916341
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	428131
Drill Method:				Northing:	5014432
Orig Ground Elev m:	106			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	103				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218383609			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Soil			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOIL.				
Geology Stratum ID:	218383611			Mat Consistency:	
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	32.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. ERS. GREY. LIMESTONE. GREY. 00106CK. SEISMIC VELOCITY = 11500. BED **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218383610			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL,SAND.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02109 NTS_Sheet:		
Confiden 1:			

Source List

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

31	1 of 1	SE/227.0	107.9 / 5.03	15 CLOVERLOFT CRES. STITTSVILLE ON	WWIS
Well ID:	7122529			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Test Hole			Date Received:	29-Apr-2009 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	M04382			Contractor:	7241
Tag:	A080408			Form Version:	5
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	STITTSVILLE VILLAGE				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122529.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.279892437944
Longitude: -75.9140437435437
Path: 712\7122529.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122529.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m):
Latitude: 45.2798300477514
Longitude: -75.9139662409931
Path: 712\7122529.pdf

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122529.pdf

Additional Detail(s) (Map)

Well Completed Date: 2009/03/18
Year Completed: 2009
Depth (m): 3.1
Latitude: 45.279847844376
Longitude: -75.9139920269862

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		712\7122529.pdf			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7122529.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2009/03/18			
Year Completed:		2009			
Depth (m):					
Latitude:		45.279775433565			
Longitude:		-75.9140418647523			
Path:		712\7122529.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002757540			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428317.00
Code OB Desc:				North83:	5014443.00
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	18-Mar-2009 00:00:00			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002757544				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002757543				
Method Construction Code:					
Method Construction:					
Other Method Construction:	DIRECT PUSH				
<u>Pipe Information</u>					
Pipe ID:	1002757545				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002757547				
Layer:					
Material:	5				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		1.2200000286102295			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002757546			
Layer:					
Slot:					
Screen Top Depth:		1.2200000286102295			
Screen End Depth:		2.740000009536743			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002757548			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002757542			
Diameter:		8.25			
Depth From:					
Depth To:		2.740000009536743			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002757549			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428311.00
Code OB Desc:				North83:	5014437.00
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	18-Mar-2009 00:00:00			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002757553			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002757552			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1002757554			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002757556			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		0.9100000262260437			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002757555			
Layer:					
Slot:					
Screen Top Depth:		0.9100000262260437			
Screen End Depth:		2.440000057220459			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002757557			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM:
Rate UOM:
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002757551
Diameter: 8.25
Depth From:
Depth To: 2.440000057220459
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID:	1002420715	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428315.00
Code OB Desc:		North83:	5014445.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	18-Mar-2009 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1002757569
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 05
Mat2 Desc: CLAY
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 0.6100000143051147
Formation End Depth: 1.5
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1002757568
Layer: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		0.0			
Formation End Depth:		0.6100000143051147			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002757570			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		91			
Mat3 Desc:		WATER-BEARING			
Formation Top Depth:		1.5			
Formation End Depth:		3.0999999046325684			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002757574			
Layer:		3			
Plug From:		1.2200000286102295			
Plug To:		3.0999999046325684			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002757573			
Layer:		2			
Plug From:		0.30000001192092896			
Plug To:		1.2200000286102295			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002757572			
Layer:		1			
Plug From:		0.0			
Plug To:		0.30000001192092896			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002757579			
Method Construction Code:		D			
Method Construction:		Direct Push			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 1002757567
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002757575
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 1.5
Casing Diameter: 4.03000020980835
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002757576
Layer: 1
Slot: 10
Screen Top Depth: 1.5
Screen End Depth: 3.0999999046325684
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 4.820000171661377

Hole Diameter

Hole ID: 1002757571
Diameter: 8.25
Depth From: 0.0
Depth To: 3.0999999046325684
Hole Depth UOM: m
Hole Diameter UOM: cm

Bore Hole Information

Bore Hole ID: 1002757558 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: This is a record from cluster log sheet Date Completed: 18-Mar-2009 00:00:00 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: Elevrc: Zone: 18 East83: 428311.00 North83: 5014450.00 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002757562			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002757561			
Method Construction Code:					
Method Construction:					
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1002757563			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002757565			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		0.6100000143051147			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002757564			
Layer:					
Slot:					
Screen Top Depth:		0.6100000143051147			
Screen End Depth:		2.130000114440918			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1002757566			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
Rate UOM:					
Water State After Test Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002757560
Diameter: 6.03000020980835
Depth From:
Depth To: 2.130000114440918
Hole Depth UOM: m
Hole Diameter UOM: cm

Links

Bore Hole ID:	1002757558	Tag No:	A080408
Depth M:		Contractor:	7241
Year Completed:	2009	Path:	712\7122529.pdf
Well Completed Dt:	2009/03/18	Latitude:	45.279892437944
Audit No:	M04382	Longitude:	-75.9140437435437

Links

Bore Hole ID:	1002757549	Tag No:	A080408
Depth M:		Contractor:	7241
Year Completed:	2009	Path:	712\7122529.pdf
Well Completed Dt:	2009/03/18	Latitude:	45.279775433565
Audit No:	M04382	Longitude:	-75.9140418647523

Links

Bore Hole ID:	1002420715	Tag No:	A080408
Depth M:	3.1	Contractor:	7241
Year Completed:	2009	Path:	712\7122529.pdf
Well Completed Dt:	2009/03/18	Latitude:	45.279847844376
Audit No:	M04382	Longitude:	-75.9139920269862

Links

Bore Hole ID:	1002757540	Tag No:	A080408
Depth M:		Contractor:	7241
Year Completed:	2009	Path:	712\7122529.pdf
Well Completed Dt:	2009/03/18	Latitude:	45.2798300477514
Audit No:	M04382	Longitude:	-75.9139662409931

[32](#) 1 of 1 WSW/228.0 101.6 / -1.27 ON [WWIS](#)

Well ID:	7221645	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	09-Jun-2014 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	Yes
Audit No:	C22332	Contractor:	6964
Tag:	A094419	Form Version:	8
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		GOULBOURN TOWNSHIP		Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		2014/04/25 2014 45.2803309082951 -75.917735601582			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		1004820427		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428022.00 5014502.00 UTM83 4 margin of error : 30 m - 100 m wwr
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:		1004820427 2014 2014/04/25 C22332		Tag No: Contractor: Path: Latitude: Longitude:	A094419 6964 45.2803309082951 -75.917735601582
<u>Links</u>					
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:		1004820427 2014 2014/04/25 C22332		Tag No: Contractor: Path: Latitude: Longitude:	A094419 6964 45.2803309082951 -75.917735601582
33	1 of 2	E/230.0	105.9 / 3.03	Iber Hazeldean Land Limited 5754-5734 Hazeldean Rd 24 Iber Road Ottawa ON K1Y 3B2	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address:		6906-AW7MBY 2018-03-07 Approved ECA IDS ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Iber Hazeldean Land Limited 5754-5734 Hazeldean Rd 24 Iber Road		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0555-ATXSVG-14.pdf PDF Site Location:					
33	2 of 2	E/230.0	105.9 / 3.03	Unity Square Limited, as a general partner for and on behalf of Unity Square Limited Partnership 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Ottawa ON K1Y 3B2	ECA
Approval No: 2942-BFHGMX Approval Date: 2019-09-02 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: Unity Square Limited, as a general partner for and on behalf of Unity Square Limited Partnership Address: 5734 Hazeldean Rd 24 Iber Road, 5754 Hazeldean Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3460-BF7PZD-13.pdf PDF Site Location:					
34	1 of 1	E/233.1	105.9 / 3.03	ON	BORE
Borehole ID: 609612 OGF ID: 215511228 Status: Type: Borehole Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 103 Elev Reliabil Note: DEM Ground Elev m: 103 Concession: Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.281813 Longitude DD: -75.912549 UTM Zone: 18 Easting: 428431 Northing: 5014662 Location Accuracy: Accuracy: Not Applicable					
Borehole Geology Stratum					
Geology Stratum ID: 218383634 Top Depth: 0 Bottom Depth: 3.7 Material Color: Material 1: Gravel Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: GRAVEL.					
Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218383635			Mat Consistency:	
Top Depth:	3.7			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE. 001100 FEET.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 1 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 021200 NTS_Sheet: 31G05D		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

35	1 of 1	E/233.9	105.8 / 2.98	2 iber road Stittsville ON K2S 1E8	EHS
Order No:	20190207034	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Custom Report	Client Prov/State:	ON		
Report Date:	13-FEB-19	Search Radius (km):	.25		
Date Received:	07-FEB-19	X:	-75.912531		
Previous Site Name:		Y:	45.281603		
Lot/Building Size:					
Additional Info Ordered:					

36	1 of 1	S/236.0	105.9 / 3.03	SHELL CANADA LIMITED/SHELL CANADA LIMITEE 5 ORCHARD DR STITTSVILLE ON K2S 1T3	ECA
Approval No:	A-500-5128462414	MOE District:	Ottawa		
Approval Date:	December, 3 2021	City:			
Status:	Active	Longitude:	-75.91472222		
Record Type:	ECA	Latitude:	45.28		
Link Source:	MOFA	Geometry X:	-8450788.2215		
SWP Area Name:	Mississippi Valley	Geometry Y:	5665709.9926		
Approval Type:	ECA-SEWAGE,SEWAGE_INDUSTRIAL				
Project Type:	SEWAGE,SEWAGE_INDUSTRIAL				
Business Name:	SHELL CANADA LIMITED/SHELL CANADA LIMITEE				
Address:	5 ORCHARD DR				
Full Address:					
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2535313				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	WSW/241.6	100.9 / -1.97	5831 HAZELDEAN ROAD lot 26 con 12 STITTSVILLE ON	WWIS
Well ID:	7154728			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	18-Nov-2010 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z107014			Contractor:	6964
Tag:	A094419			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	026
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7154728.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	2010/09/22				
Year Completed:	2010				
Depth (m):	4.05				
Latitude:	45.2804541463273				
Longitude:	-75.9180818455344				
Path:	715\7154728.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1003410810			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	427995.00
Code OB Desc:				North83:	5014516.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	22-Sep-2010 00:00:00			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1003548950				
Layer:	1				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:		81			
Mat3 Desc:		SANDY			
Formation Top Depth:		0.0			
Formation End Depth:		1.600000023841858			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003548952			
Layer:		3			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.850000023841858			
Formation End Depth:		4.050000190734863			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003548951			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		81			
Mat3 Desc:		SANDY			
Formation Top Depth:		1.600000023841858			
Formation End Depth:		1.850000023841858			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003548955			
Layer:		1			
Plug From:		0.0			
Plug To:		1.7999999523162842			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003548956			
Layer:		2			
Plug From:		1.7999999523162842			
Plug To:		4.050000190734863			
Plug Depth UOM:		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003548961			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003548949			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003548958			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		2.450000047683716			
Casing Diameter:		3.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003548959			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.450000047683716			
Screen End Depth:		4.050000190734863			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.099999904632568			
<u>Water Details</u>					
Water ID:		1003548957			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.200000047683716			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003548954			
Diameter:		5.599999904632568			
Depth From:		1.100000023841858			
Depth To:		3.9000000953674316			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Hole ID:</i>		1003548953			
<i>Diameter:</i>		7.5			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		1.100000023841858			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Links

<i>Bore Hole ID:</i>	1003410810	<i>Tag No:</i>	A094419
<i>Depth M:</i>	4.05	<i>Contractor:</i>	6964
<i>Year Completed:</i>	2010	<i>Path:</i>	715\7154728.pdf
<i>Well Completed Dt:</i>	2010/09/22	<i>Latitude:</i>	45.2804541463273
<i>Audit No:</i>	Z107014	<i>Longitude:</i>	-75.9180818455344

Unplottable Summary

Total: **22** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Lot 27, Concession 11	Ottawa ON	
CONV	SHELL CANADA PRODUCTS LIMITED		DON MILLS ON	
EBR	Tartan Land Consultants Inc.	Lot 26 and 27, Concession 12, Goulbourn Township, Stittsville CITY OF OTTAWA GOULBOURN	ON	
EBR	Mattamy Homes Limited	Part of Lot 27, Concession 12, Township of Goulbourn, CITY OF OTTAWA	ON	
EBR	Mattamy Homes Limited	Maple Grove Road, Part of Lot 26, Concession 12 CITY OF OTTAWA GOULBOURN	ON	
ECA	Shell Canada Limited	Nepean	Ottawa ON	M2N 6Y2
ECA	The Corporation of the City of Ottawa	Cedarow Crt ROW, Fringewood Drive ROW	Ottawa ON	K2G 6J8
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	TOP OIL RESOURCES	TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP. DIESEL FUEL OUTLET	OTTAWA-CARLETON R. M. ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	SERVICE STATION	OTTAWA CITY ON	
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	City of Ottawa	Fringewood pumping station	Ottawa ON	

SPL	Shell Canada Products Limited	Shell Canada	Ottawa ON
SPL	TRANSPORT TRUCK	FRINGEWOOD VILLAGE MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
SPL	SHELL CANADA PRODUCTS LTD.	TANK TRUCK (CARGO)	OTTAWA CITY ON
WWIS		lot 27	ON

Unplottable Report

Site: Lot 27, Concession 11 Ottawa ON

Database:
CA

Certificate #: 5380-4YQSBE
Application Year: 01
Issue Date: 7/31/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 909979 Alberta Ltd.
Client Address: 30 Glendeer Circle SE, Suite 200
Client City: Calgary
Client Postal Code: T2H 2Z7
Project Description: Runoff from parking areas south and east of the building will be directed to the existing Iber Road ditch; the remainder of the site will drain via catch basins and storm sewers to the existing municipal wet pond. Restrictors will be installed at roof drain inlets and in the outlet storm sewer to reduce flows to pre-development levels and detain water on the roof and in surface ponds.
Contaminants:
Emission Control:

Site: SHELL CANADA PRODUCTS LIMITED
DON MILLS ON

Database:
CONV

File No:
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: DISCHARGING A CONTAMINANT - ADVERSE EFFECT
Background:
URL:

Location:
Region: SOUTH EAST REGION
Ministry District:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 13(1)
Act/Regulation/Section: EPA- -13(1)
Date of Offence:
Date of Conviction:
Date Charged: 92/05/12
Charge Disposition:
Fine: 90000
Synopsis:

Site: Tartan Land Consultants Inc.
Lot 26 and 27, Concession 12, Goulbourn Township, Stittsville CITY OF OTTAWA GOULBOURN ON

Database:
EBR

EBR Registry No: 011-5086
Ministry Ref No: MNR INST 66/11
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 09, 2013
Proposal Date: December 21, 2011
Year: 2011
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Tartan Land Consultants Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 237 Somerset Street West, Ottawa Ontario, Canada K2S 0J3
Comment Period:
URL:

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

Site Location Details:

Lot 26 and 27, Concession 12, Goulbourn Township, Stittsville CITY OF OTTAWA GOULBOURN

Site: **Mattamy Homes Limited**
Part of Lot 27, Concession 12, Township of Goulbourn, CITY OF OTTAWA ON

Database:
EBR

EBR Registry No: 011-7154
Ministry Ref No: MNR INST 67/12
Notice Type: Instrument Decision
Notice Stage:
Notice Date: June 05, 2013
Proposal Date: September 07, 2012
Year: 2012
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Mattamy Homes Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 50 Hines Road, Suite 100, Ottawa Ontario, Canada K2K 2M5
Comment Period:
URL:

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

Site Location Details:

Part of Lot 27, Concession 12, Township of Goulbourn, CITY OF OTTAWA

Site: **Mattamy Homes Limited**
Maple Grove Road, Part of Lot 26, Concession 12 CITY OF OTTAWA GOULBOURN ON

Database:
EBR

EBR Registry No: 011-9579
Ministry Ref No: MNR INST 44/13
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 04, 2016
Proposal Date: July 10, 2013
Year: 2013
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Mattamy Homes Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 50 Hines Road, Suite 100, Ottawa Ontario, Canada K2K 2M5

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

Comment Period:
URL:

Site Location Details:

Maple Grove Road, Part of Lot 26, Concession 12 CITY OF OTTAWA GOULBOURN

Site: **Shell Canada Limited**
Nepean Ottawa ON M2N 6Y2

Database:
ECA

Approval No: 1454-96LJDX
Approval Date: 2013-04-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Shell Canada Limited
Address: Nepean
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6976-92AQLQ-14.pdf>
PDF Site Location:

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

Site: **The Corporation of the City of Ottawa**
Cedarow Crt ROW, Fringewood Drive ROW Ottawa ON K2G 6J8

Database:
ECA

Approval No: 8759-B9EMXR
Approval Date: 2019-03-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: The Corporation of the City of Ottawa
Address: Cedarow Crt ROW, Fringewood Drive ROW
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5276-B97JXD-14.pdf>
PDF Site Location:

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

Site: **SHELL CANADA PRODUCTS LTD.**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 8471
Site No:
Incident Dt: 8/22/1988
Year:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/22/1988
Dt Document Closed:
Incident Reason: ERROR

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

UPLANDS AIRPORT - 50 L OF JET FUEL TO PAVEMENT FROM TANK TRUCK.

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 23253
Site No:
Incident Dt: //
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/7/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL- 4.5 LTR SPILL OF JET FUEL AT UPLANDS AIRPORT
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 21872
Site No:
Incident Dt: 7/11/1989
Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/11/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL REFUELING VEHICLE- 70 L AVIATION FUEL TO GROUND.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.

Database:
SPL

TANK TRUCK (CARGO) OTTAWA CITY ON

Ref No: 16382
Site No:
Incident Dt: 3/27/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 3/27/1989
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UPLANDS AIRPORT - 20 L OF JET FUEL TO GROUND.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **TOP OIL RESOURCES**
TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP. DIESEL FUEL OUTLET OTTAWA-CARLETON R.M.
ON

Database:
SPL

Ref No: 25861
Site No:
Incident Dt: 9/25/1989
Year:
Incident Cause: UNDERGROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/28/1989
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TOP OIL RESOURCES- 7000 LTR DIESEL FUEL LEAK FROM UNDERGROUND TANK
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20000
Site Lot:
Site Conc:
Northing:
Easting: MCCR
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: **SHELL CANADA PRODUCTS LTD.**
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 26231
Site No:
Incident Dt: 10/5/1989
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:

Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	DEPT OF TRANSPORT
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/5/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	EQUIPMENT FAILURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHELL CANADA - 120L JET FUEL TO TERMINAL RAMP		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD. **Database:** SPL
TANK TRUCK (CARGO) OTTAWA CITY ON

Ref No:	30521	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/2/1990	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND / AIR	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/2/1990	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	ERROR	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	SHELL TANK TRUCK-50 L AVIATION FUEL TO ASPHALT		
Contaminant Qty:			

Site: SHELL CANADA PRODUCTS LTD. **Database:** SPL
SERVICE STATION OTTAWA CITY ON

Ref No:	60160	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	11/24/1991	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	

MOE Response: **Easting:** SHELL, FIRE DEPT. TRIANGLE PUMP
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 11/25/1991 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:**
Incident Reason: CORROSION **Source Type:**
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL SERVICE STATION - 25 L. OF GASOLINE TO GROUND FROM LEAKY CAR
Contaminant Qty:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON **Database:** SPL

Ref No: 81836 **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 2/14/1993 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: PIPE/HOSE LEAK **Sector Type:**
Incident Event: **Agency Involved:**
Contaminant Code: **Nearest Watercourse:**
Contaminant Name: **Site Address:**
Contaminant Limit 1: **Site District Office:**
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: NOT ANTICIPATED **Site Municipality:** 20101
Nature of Impact: **Site Lot:**
Receiving Medium: LAND **Site Conc:**
Receiving Env: **Northing:**
MOE Response: **Easting:**
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 2/14/1993 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:**
Incident Reason: ERROR **Source Type:**
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL-25L OF JET A-1 FUEL TO GROUND DURING FUELLING CONTAINED, CLEANED UP.
Contaminant Qty:

Site: City of Ottawa
 Fringewood pumping station Ottawa ON **Database:** SPL

Ref No: 3663-7UA4VQ **Discharger Report:**
Site No: **Material Group:**
Incident Dt: **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: Discharge Or Bypass To A Watercourse **Sector Type:** Sewer
Incident Event: **Agency Involved:**
Contaminant Code: **Nearest Watercourse:**
Contaminant Name: SEWAGE, RAW UNCHLORINATED **Site Address:**
Contaminant Limit 1: **Site District Office:**
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: Confirmed **Site Municipality:** Ottawa
Nature of Impact: Surface Water Pollution **Site Lot:**
Receiving Medium: **Site Conc:**
Receiving Env: **Northing:** NA
MOE Response: Referral to others **Easting:** NA
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 7/24/2009 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:** Sewage Bypasses / Overflows
Incident Reason: Weather **Source Type:**
Site Name: Fringewood pumping station
Site County/District:
Site Geo Ref Meth:
Incident Summary: Sanitary Sewer Overflow at Fringewood Pumping Station

Contaminant Qty:

Site: Shell Canada Products Limited
Shell Canada Ottawa ON

Database:
SPL

Ref No: 6267-5M2K7H
Site No:
Incident Dt: 4/28/2003
Year:
Incident Cause:
Incident Event:
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Other Impact(s)
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/28/2003
Dt Document Closed:
Incident Reason:
Site Name: LOADING RACK 1<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Shell - 1L gasoline
Contaminant Qty: 1 L

Discharger Report:
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills
Source Type:

Site: TRANSPORT TRUCK
FRINGEWOOD VILLAGE MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No: 227391
Site No:
Incident Dt: 6/6/2002
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/6/2002
Dt Document Closed:
Incident Reason: EQUIPMENT FAILURE
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: CANADIAN WASTE SERVICES SPILL OF MOTOR OIL FROM VEHICLE. CLEANING.
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No: 84404
Site No:

Discharger Report:
Material Group:

Incident Dt: 4/21/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/22/1993
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL CANADA - 40 L OF AVIATION FUEL AT GATE A DUE TO TRUCK LEAK
Contaminant Qty:

Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: SHELL CANADA PRODUCTS LTD.
 TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
 SPL

Ref No: 81843
Site No:
Incident Dt: 2/14/1993
Year:
Incident Cause: VALVE/FITTING LEAK OR FAILURE
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2/14/1993
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: SHELL CANADA - 20 L OF AVIATION FUEL TO RAMP DUE TO TRUCK LEAK
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20101
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: lot 27 ON

Database:
 WWIS

Well ID: 1518033
Construction Date:
Use 1st: Cooling And A/C
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 13-Dec-1982 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON

Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Lot: 027
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039904
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-Jan-1982 00:00:00
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: 931037131
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037128
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931037129
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961518033
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588474
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069713
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23.0

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: 991518033
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934377689
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934896797
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103360
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647523
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933474659
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
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-May 31, 2022

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Sep 2022

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Nov 30, 2022

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Oct 2022

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Nov 30, 2022

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 - Nov 30, 2022

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- Nov 30, 2022

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-Jul 31, 2022

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 2022

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Feb 28, 2022

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Nov 30, 2022

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Aug 2021

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994 - Nov 30, 2022

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- Nov 30, 2022

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Nov 30, 2022

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2022

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011- Nov 30, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Jun 30 2022

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix F: Aerial Photographs



APPROXIMATE
SITE LOCATION

0 100 200 400 600 800 1,000
Metres



EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT**
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:

AIR PHOTO 1976

PROJECT No.:
OTT-00257330-B0

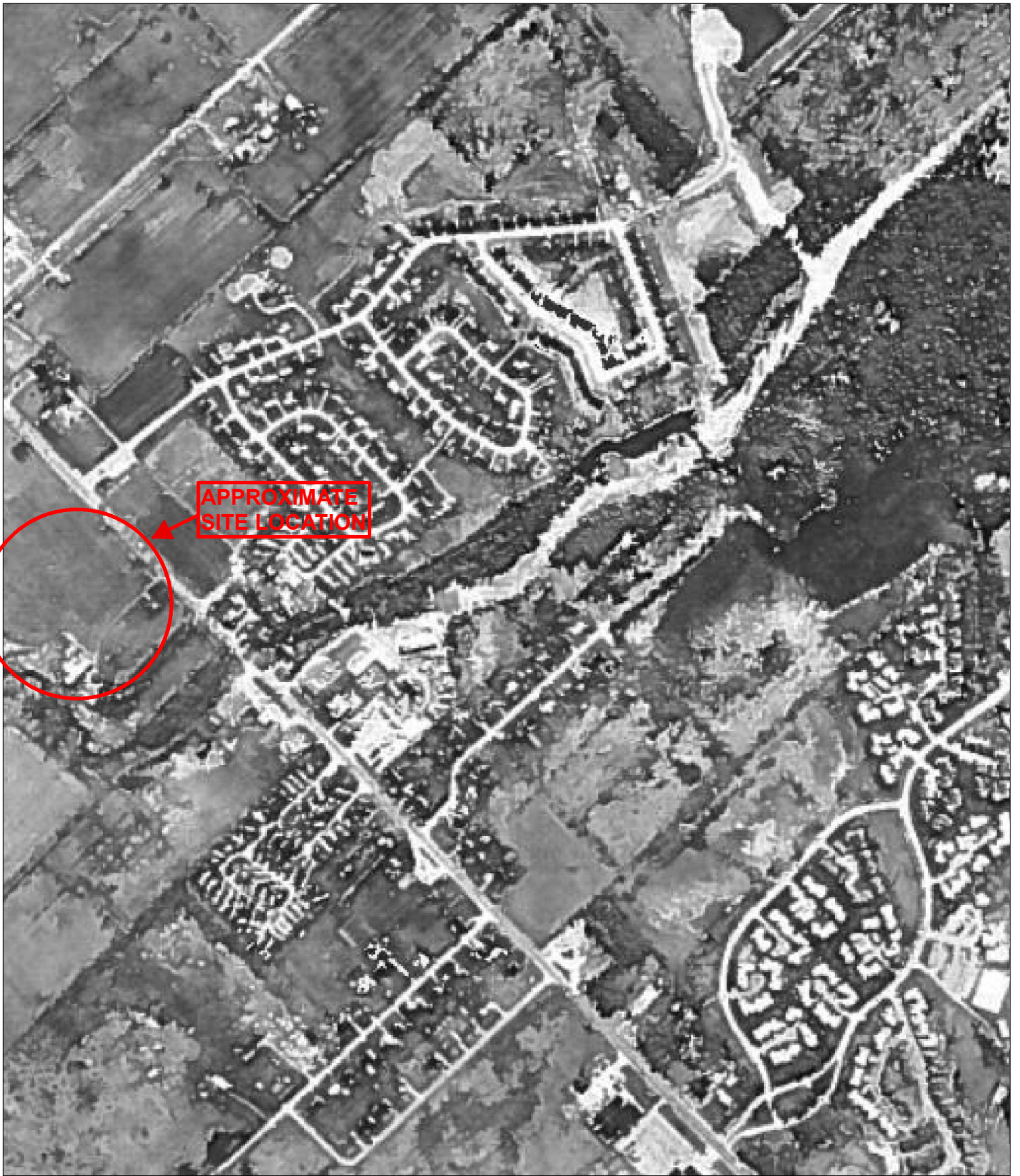
DWN:
SL

SCALE:
AS SHOWN

CHKD:
MM

DATE:
JANUARY 2023

FIG. No.:
F-1



0 55 110 220 330 440 550 Metres



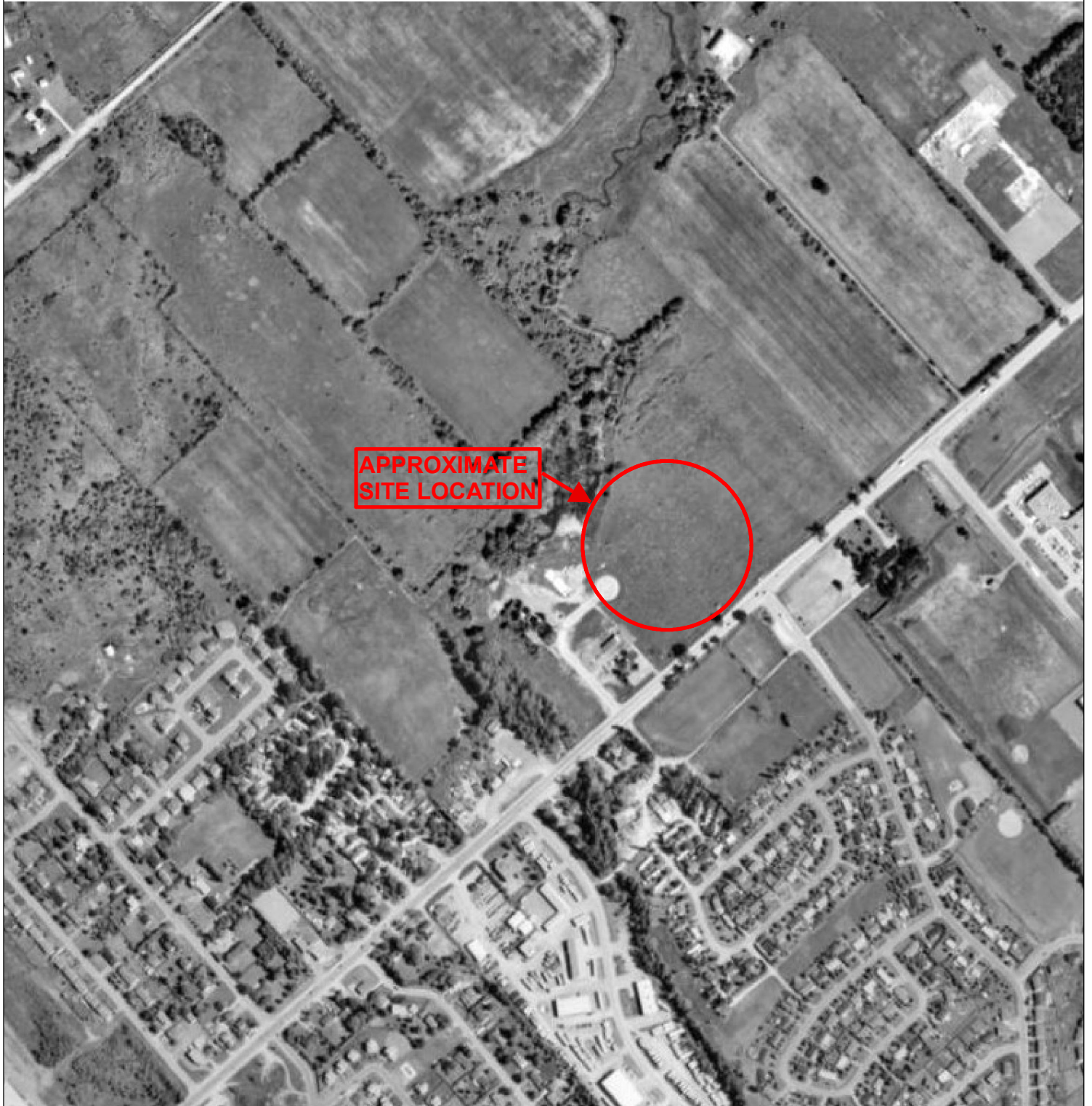
EXP Services Inc.
 100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
 SITE ASSESSMENT**
 20 Cedarow Court
 Ottawa, Ontario

DRAWING TITLE:
AIR PHOTO 1984

PROJECT No.:
 OTT-00257330-B0
 SCALE:
 AS SHOWN
 DATE:
 JANUARY 2023

DWN:
 SL
 CHKD:
 MM
 FIG. No.:
 F-2



**APPROXIMATE
SITE LOCATION**

0 100 200 400 600 800 1,000
Metres



EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT**
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:
AIR PHOTO 1991

PROJECT No.:
OTT-00257330-B0
SCALE:
AS SHOWN
DATE:
JANUARY 2023

DWN:
SL
CHKD:
MM
FIG. No.:
F-3



**APPROXIMATE
SITE LOCATION**

0 100 200 400 600 800 1,000
Metres

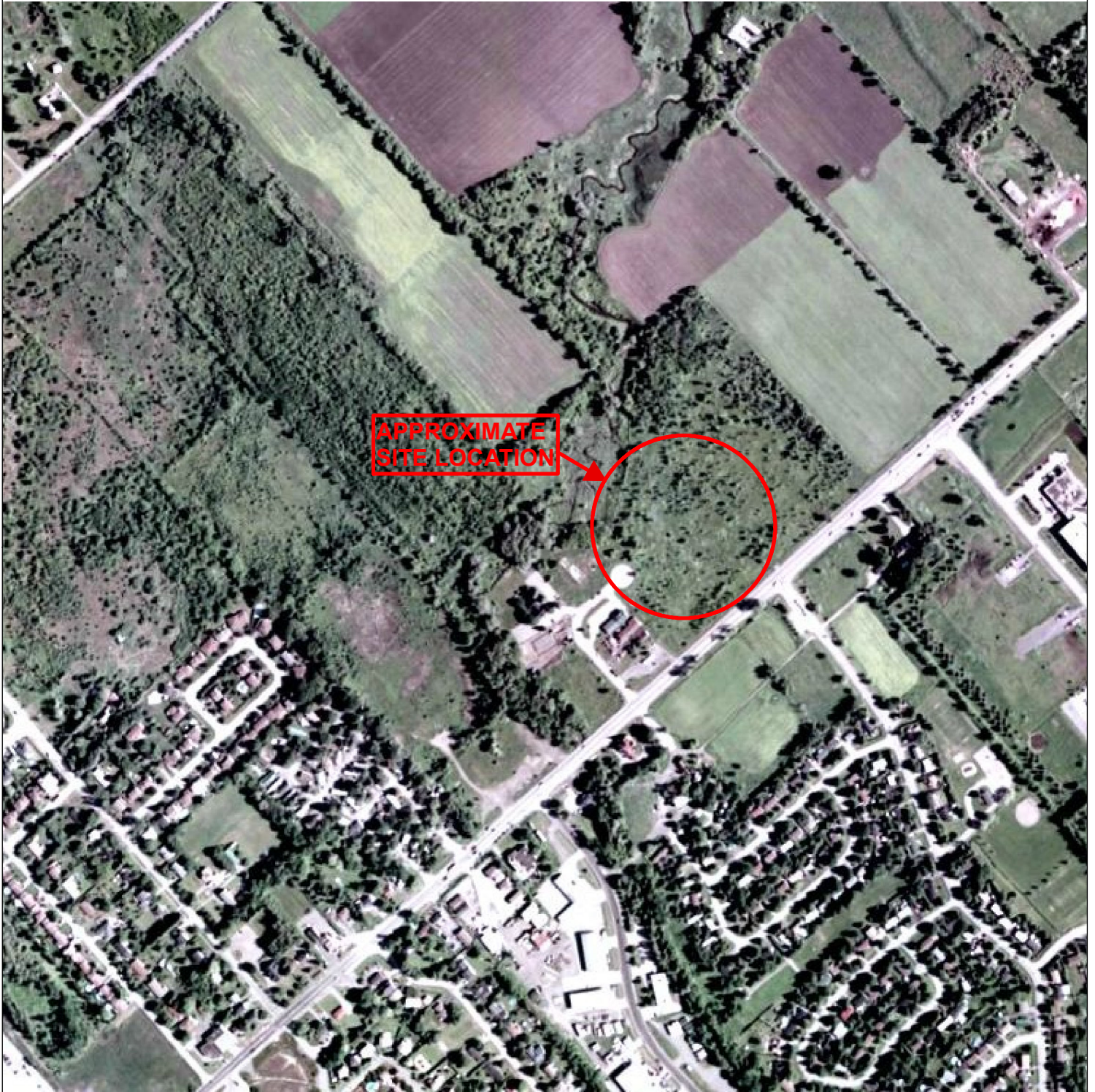


EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT**
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:
AIR PHOTO 1991

PROJECT No.:	DWN.:
OTT-00257330-B0	SL
SCALE:	CHKD.:
AS SHOWN	MM
DATE:	FIG. No.:
JANUARY 2023	F-4



APPROXIMATE
SITE LOCATION

0 100 200 400 600 800 1,000
Metres



EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:

AIR PHOTO 2005

PROJECT No.:
OTT-00257330-B0

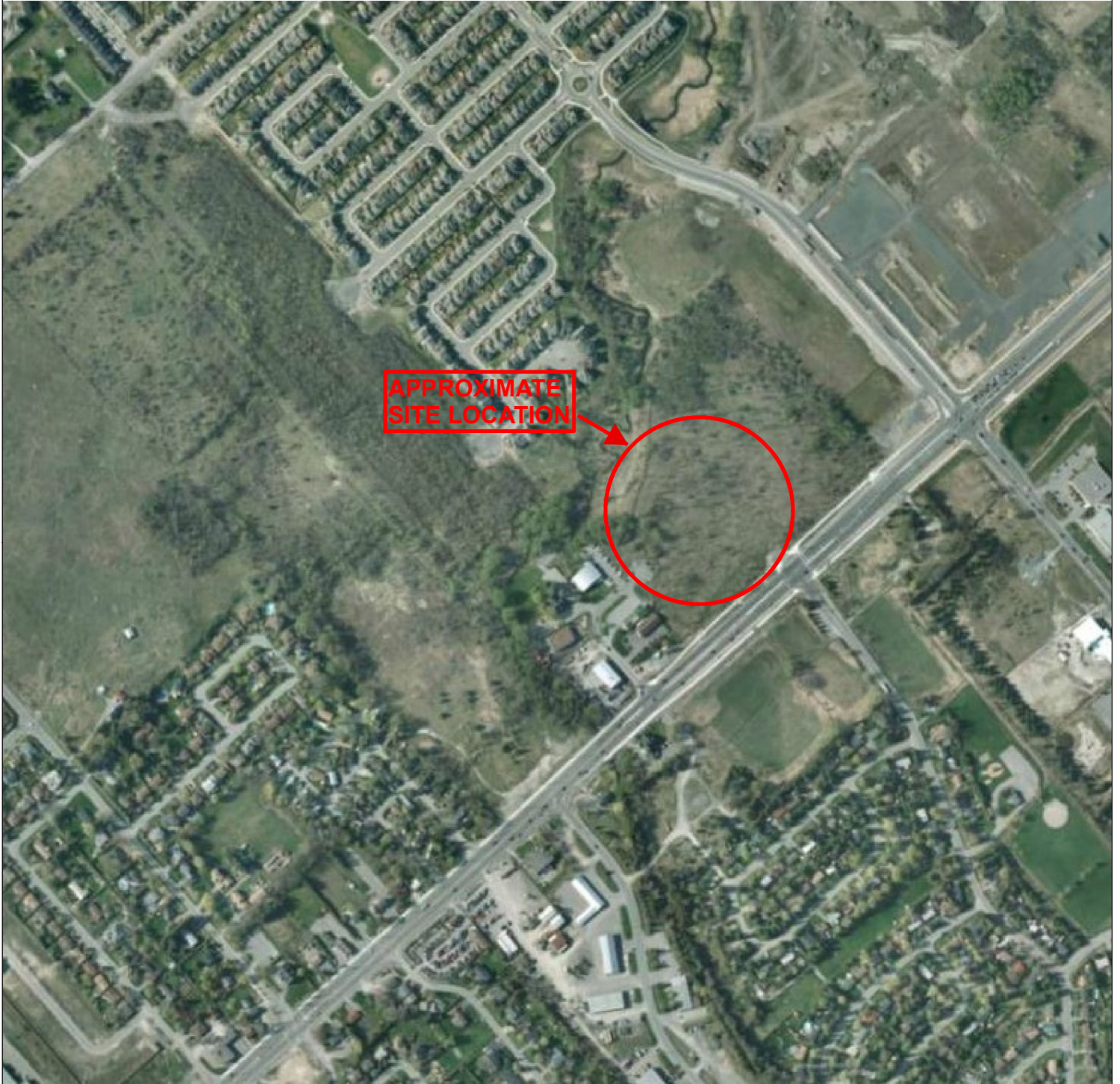
DWN:
SL

SCALE:
AS SHOWN

CHKD:
MM

DATE:
JANUARY 2023

FIG. No.:
F-5



**APPROXIMATE
SITE LOCATION**

0 100 200 400 600 800 1,000
Metres



EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT**
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:
AIR PHOTO 2011

PROJECT No.:	DWN:
OTT-00257330-B0	SL
SCALE:	CHKD:
AS SHOWN	MM
DATE:	FIG. No.:
JANUARY 2023	F-6



APPROXIMATE
SITE LOCATION

0 100 200 400 600 800 1,000
Metres



EXP Services Inc.
100-2650 Queensview Drive
Ottawa, Ontario
K2B 8H6
T - (613) - 688-1899
F - (613) - 225-7337

PROJECT TITLE:
PHASE ONE ENVIRONMENTAL
SITE ASSESSMENT
20 Cedarow Court
Ottawa, Ontario

DRAWING TITLE:

AIR PHOTO 2017

PROJECT No.:
OTT-00257330-B0

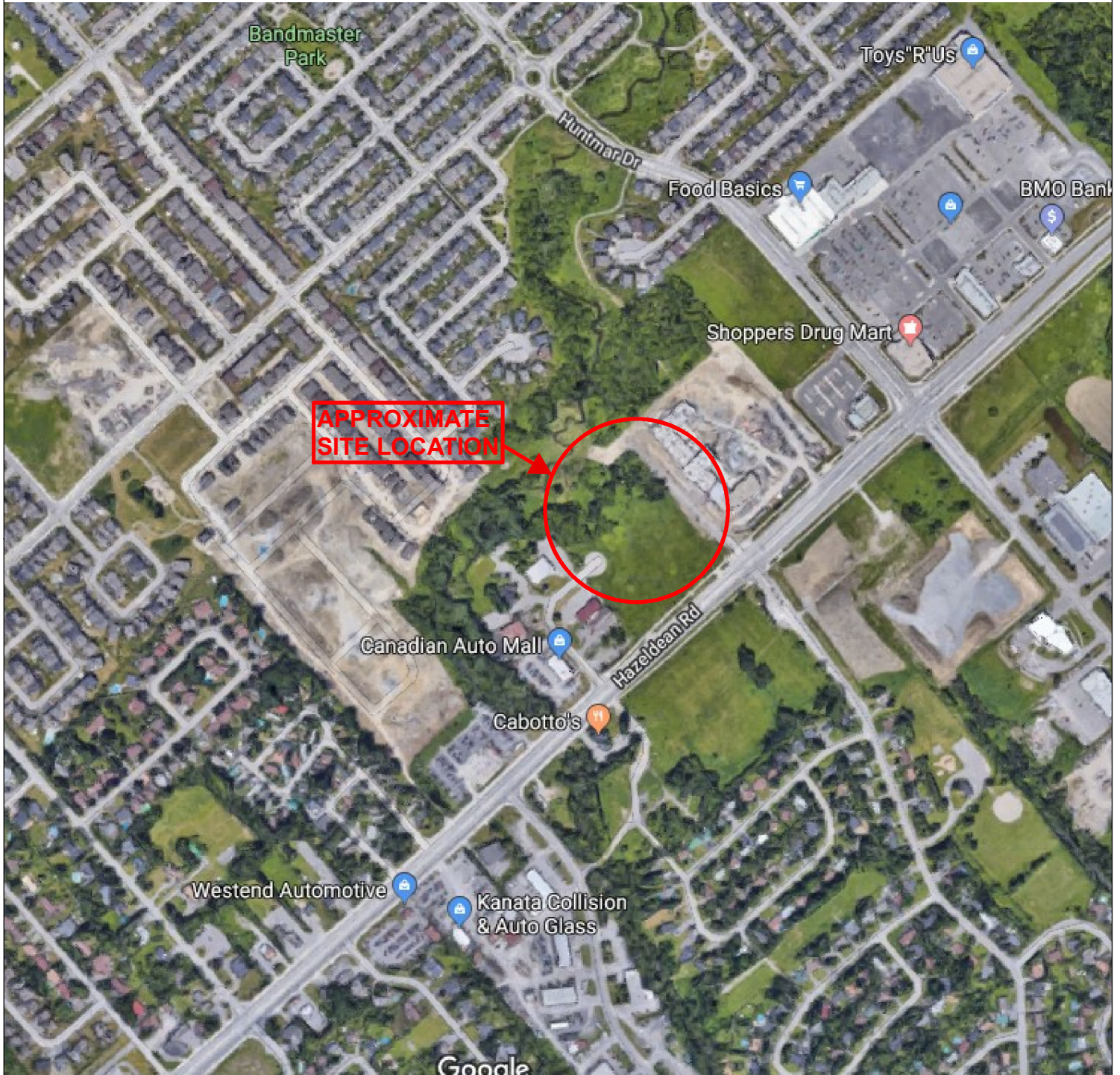
DWN:
SL

SCALE:
AS SHOWN

CHKD:
MM

DATE:
JANUARY 2023

FIG. No.:
F-7



0 100 200 400 600 800 1,000 Metres



EXP Services Inc.
 100-2650 Queensview Drive
 Ottawa, Ontario
 K2B 8H6
 T - (613) - 688-1899
 F - (613) - 225-7337

PROJECT TITLE:
**PHASE ONE ENVIRONMENTAL
 SITE ASSESSMENT**
 20 Cedarow Court
 Ottawa, Ontario

DRAWING TITLE:

AIR PHOTO 2019

PROJECT No.:
 OTT-00257330-B0

DWN: SL

SCALE:
 AS SHOWN

CHKD:
 MM

DATE:
 JANUARY 2023

FIG. No.:
 F-8

Appendix G: Site Photographs



Photograph No. 1

Monitoring well still present on the Phase One property.



Photograph No. 2

Construction trailers and gravel parking lot on the Phase One property.



Photograph No. 3

Fuel AST on the Phase One property.



Photograph No. 4

South part of the Phase One property.

EXP Services Inc.

NLG LP One (o/a Wellings of Stittsville Inc.)

Phase One Environmental Site Assessment

20 Cedarow Court, Ottawa, Ontario

OTT-00257330-B0

January 27, 2023

