



Phase One Environmental Site Assessment/Assessment of Past Uses

980 Earl Armstrong Road, Gloucester, Ontario

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Extendicare (Canada) Incorporated

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*Extendicare (Canada) Incorporated
Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
July 3, 2024*

Legal Notification

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Executive Summary

EXP Services Inc. (EXP) was retained by Extendicare (Canada) Incorporated to complete Phase One Environmental Site Assessment (ESA)/ an Assessment of Past Uses (APU) for 980 Earl Armstrong Road in Gloucester, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was undeveloped greenspace.

A Phase One ESA/APU is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA/APU was conducted in accordance with the Phase One ESA/APU standard as defined by Ontario Regulation 406/19 – On-Site and Excess Soil Management and Ontario Regulation 153/04 – Records of Site Condition, and in accordance with generally accepted professional practices, which will be suitable for excess soil management and/or site plan approval. 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.

The purpose of this Phase One ESA/APU 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 Extendicare (Canada) Incorporated is proposing to develop the Phase One property with a 5-storey, 256-bed long-term care facility. This Phase One ESA/APU is in support of due diligence for the proposed site development. As the current zoning is R5Z residential, and the proposed future land use is residential there is no need to obtain a Record of Site Condition (RSC) at this time.

The Phase One property has the municipal address 980 Earl Armstrong Road and is located approximately 550 m west of the Earl Armstrong Road and Limebank Road intersection in Gloucester, Ontario. The Phase One property is undeveloped land. The Phase One property is irregular in shape with an area of approximately 1.8 hectares.

According to GeoWarehouse, the Phase One property is legally described as follows: Part of Lots 21 & 22 Concession 1 (RF) Gloucester; Except Part 1 4R30323; Save and Except Plan 4M1601. Subject to an Easement in Gross Over Part 31 4R29819 as in OC1865493 City of Ottawa. The property identification number (PIN) is 043302200.

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, the Phase One property has never been developed. The Phase One property was initially transferred to Riverside South Development Corporation in April 2002 and appears to have been used as an agricultural field from at least 1976 to 2014.

There are no waterbodies on the Phase One property. There was standing water on the Phase One property at the time of the investigation, however it is assumed that standing water on the Phase One property is seasonal and the result of a recent abundance of rain. The Thomas Gamble Municipal Drain is located approximately 225 m west of the Phase One property. The Rideau River is located approximately 1.9 km west of the Phase One property. The inferred groundwater flow direction is west towards the Thomas Gamble Municipal Drain and the Rideau River.

The following potentially contaminating activities (PCA) were identified on the Phase One property:

- Historic land use for the Phase One property as an agricultural field and the possibility of large-scale application of pesticides (PCA #40); and
- Small stockpiles of unknown quality of fill were observed in the northwestern corner of the Phase One property (PCA #30).

It is possible that the large-scale pesticide application (**PCA 1**) and importation of fill of unknown quality (**PCA 2**) have impacted the soil and groundwater conditions on the Phase One property and have led to areas of potential environmental concern (APEC) on the Phase One property.

The Qualified Person who oversaw this work, Chris Kimmerly, P.Geo., recommends that a Phase Two ESA be conducted to address **APEC 1**, with the contaminants of potential concern being OC pesticides. It is also recommended that a sampling and analysis plan and soil characterization report be completed to address **APEC 2**, with the contaminants of potential concern

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being petroleum hydrocarbons (PHC), benzene, toluene, ethylbenzene and xylenes (BTEX), pH, metals and hydride forming metals.

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 Extendicare (Canada) Incorporated to complete a Phase One Environmental Site Assessment (ESA)/Assessment of Past Uses (APU) for 980 Earl Armstrong Road in Gloucester, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was undeveloped greenspace.

A Phase One ESA/APU is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA/APU was conducted in accordance with the Phase One ESA/APU standard as defined by Ontario Regulation 406/19 – On-Site and Excess Soil Management and Ontario Regulation 153/04 – Records of Site Condition, and in accordance with generally accepted professional practices, which will be suitable for excess soil management and/or site plan approval. 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/APU 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 Extendicare (Canada) Incorporated is proposing to develop the Phase One property with a 5-storey, 256-bed long-term care facility. This Phase One ESA/APU is in support of due diligence for the proposed site development. As the current zoning is R5Z residential, and the proposed future land use is residential there is no need to obtain a Record of Site Condition (RSC) at this time.

EXP personnel who conducted assessment work for this project included Devin Clouthier, B.Sc., and Chris Kimmerly, 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 980 Earl Armstrong Road and is located approximately 550 m west of the Earl Armstrong Road and Limebank Road intersection in Gloucester, Ontario. The Phase One property is undeveloped land. The Phase One property is irregular in shape with an area of approximately 1.8 hectares.

According to GeoWarehouse, the Phase One property is legally described as follows: Part of Lots 21 & 22 Concession 1 (RF) Gloucester; Except Part 1 4R30323; Save and Except Plan 4M1601. Subject to an Easement in Gross Over Part 31 4R29819 as in OC1865493 City of Ottawa. The property identification number (PIN) is 043302200.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 447103 m E and 5013998 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Mr. Marcel Denomme on behalf of Riverside South Limited Partnership.

The Phase One property site location is shown on Figure 1 in Appendix B.

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 R5 – Residential Fifth Density Zone. Adjacent property to the south is also zoned R5. The adjacent properties to the north and west are zoned R3 – Residential Third Density Zone, R4 – Residential Fourth Density Zone. The adjacent property to the east is zoned GM – General Mixed Use, L2 – Major Leisure Facility one and a property approximately 50 metres southwest of the Phase One property is zoned EP – Environmental Protection Zone. The remainder of the properties in the Phase One study area are zoned for residential and leisure use.

The Phase One study area is shown on Figure 1 in Appendix B and a site layout is provided as Figure 2 in Appendix B.

3.2 First Developed Use Determination

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, the Phase One property has never been developed. The Phase One property was initially transferred to Riverside South Development Corporation in April 2002 and appears to have been used as an agricultural field since at least 1976 to 2014.

3.3 Fire Insurance Plans

EXP reviewed the Catalogue of Canadian Fire Insurance Plans 1875 – 1975. As the Phase One property has never been developed and the properties in the Phase One study area were developed after 1976, there were not any FIPs available to review.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. The chain of title documentation has not yet been received. The chain of title will be included in the final version of this Phase One ESA.

3.5 Environmental Reports

The following report pertaining to the Phase One property was provided for review:

1. Golder Associates, *Phase I Environmental Site Assessment, 980 Earl Armstrong Road, Ottawa, Ontario, August 2015.*

A Phase I ESA on a 27.84-hectare parcel of the property with the municipal address of 980 Earl Armstrong Road was completed by Golder. Golder identified one (1) PCA on their site. This PCA was identified as the former presence of a farmhouse on the site that may have contained above ground storage tanks (ASTs) for farm equipment fueling or heating purposes. According to Golder, this PCA was addressed in 2009 when shallow test pits were advanced in the area of the identified AST. The results of Golder's 2009 shallow test pit investigation did not indicate any evidence of buried oil tanks or hydrocarbon impacts. Golder's Phase I ESA did not identify any APECs identified on the site.

It should be noted that Golder's Phase I ESA was completed in 2015 and focused on what was, at the time, the entire municipal address of 980 Earl Armstrong Drive, which has since been severed into properties with new municipal addresses. This Phase One ESA/APU being completed by EXP is focusing on a 1.8-hectare portion of the municipal address 980 Earl Armstrong Drive.

Where the farmhouse was identified in the Phase I ESA completed by Golder was observed approximately 850 m west of the 1.8-hectare Phase One property which is the focus of EXPs Phase One ESA/APU with a new municipal address of 910 Earl Armstrong Drive. Therefore the farmhouse identified in the Phase I ESA completed by Golder in 2015 is not in the Phase One study area for this Phase One ESA/APU completed by EXP.

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 C.

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).

An incident report was filed on May 24, 2017, pertaining to someone reporting that a topsoil business operating on 980 Earl Armstrong Drive. The report was not specific to which portion of the property the topsoil business was operating on. The person who reported the incident complained of dust impacts on their home. The Ministry of the Environment (MOE) responded to the complaint and the topsoil business confirmed that they use water trucks to suppress the dust on the site. This incident is not considered an environmental concern to the Phase One property due to the report by the MOE stating that the receiving environment was air.

It is assumed that this incident occurred on the LRT station construction site, approximately 400 m southeast of the Phase One property. An incident report was filed February 1, 2021, pertaining to SNC Lavalin reported a spill of 0.5 litres of hydraulic fuel to the gravel ground pad. The spill was reportedly contained, and the contaminated soil was disposed of immediately. This incident is not considered an environmental concern to the Phase One property due to the small volume of the spill the distance from the Phase One property.

It is assumed that this incident occurred on the LRT station construction site, approximately 400 m southeast of the Phase One property. An incident report was filed April 27, 2021, pertaining to SNC Lavalin reported a spill of 0.5 litres of motor oil spilled to the ground during the construction of the LRT station off Limebank Road. This incident is not considered an environmental concern to the Phase One property due to the small volume of the spill and the distance from the Phase One property.

It is assumed that this incident occurred on the LRT station construction site, approximately 400 m southeast of the Phase One property. An incident was reported on May 6, 2024, pertaining to Badger Daylighting spilling approximately 50 litres of hydraulic oil to the ground. The spill was contained with spill kit and was cleaned up that day by another hydrovac. The spill was caused by the Badger truck hit a cement wall barrier. This incident is not considered an environmental concern to the Phase One property due to the spill being contained and cleaned up immediately.

The MECP response is included in Appendix C.

3.6.2 Historical Land Use Inventory

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). EXP has not yet received the HLUI response. Any pertinent information that is received will be forwarded as an addendum to this report.

3.6.3 Environmental Registry

On May 29, 2024, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were found.

3.6.4 Environmental Access

On May 29, 2024, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- A Permit to Take Water was issued to Riverside South Development Corp. for dewatering operations associated with construction dewatering. This permit expired in 2020.
- An amended Certificate of Approval was issued to the City of Ottawa for the construction of stormwater management facilities which impacted Mosquito Creek.

These records are not considered an environmental concern to the Phase One property.

3.6.5 Hazardous Waste Program Registry

On May 29, 2024, the Resource Productivity and Recovery Authority (RPPRA) Hazardous Waste Program (HWP) Registry website was searched for registered waste generators within the Phase One study area.

The following records were found:

Location (Generator)	Proximity to the Site	Wastes Generated	Years	Environmental Concern to Site and Rationale
Badger Daylighting Ottawa (ONS0402-1-6IYC77-1)	East adjacent	Oil skimmings & sludges	May 2024 to present	No, it is assumed this waste is from the 50 L spill of hydraulic fluid mentioned in section 3.6.1. It is assumed this waste generator is located outside of the Phase One study area at the LRT station construction site on Limebank Road, approximately 400 metres southeast.

Based on the review of the HWP Registry no PCAs were identified.

3.6.6 Records of Site Condition

On May 29, 2024, the MECP Brownfields Registry website was searched for postings of RSC within the Phase One study area. No records were found.

3.6.7 Coal Gasification Plants

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

3.6.8 PCB Storage Sites

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

3.6.9 Waste Disposal Sites

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 City Directories

Records pertaining to the Site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the city directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider. City directories between 1991 and 2021 were reviewed in approximately five-year increments.

The following properties of interest were noted:

- Canadian Water Inspection, a non-profit organization, is listed at 228 Jersey Tea Circle in 2021.
- Redi Analysis, a software publishing company, is listed at 214 Larimar Circle in 2021.

Based on a review of the city directories, no PCAs were identified in the Phase One study area.

The city directories are provided in Appendix C.

3.7 EcoLog ERIS Database Search

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

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

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
980 Earl Armstrong Road	Phase One property	Riverside South Development Corp. was approved for an ECA for municipal and private sewage works (0965-A7HJ9E). Urbandale Construction was approved for two (2) ECAs for municipal and private sewage works (0965-A7HJ9E and 4644-AQBJRW)	Environmental Compliance Approval (ECA)	No, this type of work is not considered an environmental concern to the Phase One property.
3795 Canyon Walk	115 m northwest	An unnamed construction company struck a natural gas pipeline due to locates being expired.	Pipeline Incidents (PINC)	No, natural gas is released to the atmosphere and not considered an environmental concern to the Phase One property.

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
318 Royal Fern Way	238 m northeast	An unnamed company struck a natural gas pipeline due to human factors.	TSSA Historic Incidents (HINC)	No, natural gas is released to the atmosphere and not considered an environmental concern to the Phase One property.

Based on the review of the ERIS report, no PCAs were identified in the Phase One study area.

3.8 Physical Setting Sources

3.8.1 Aerial Photographs

Aerial photographs dated 1976, 1991, 2002, 2014, 2015, 2019 and 2022 were available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix E.

Year	Details
1976	The Phase One property and most of the properties in the Phase One study area consists of undeveloped agricultural land. There are some undeveloped, treed land in the Phase One study area as well. Earl Armstrong Road has not yet been constructed to the north of the Phase One property.
1991	The Phase One property and most of the Phase One study area appear similar to the 1976 aerial photograph. Earl Armstrong Road is present running east-west as a two-lane road along the northern property boundary of the Phase One property.
2002	The Phase One property and the Phase One study area appear similar to the 1991 aerial photograph.
2014	The Phase One property appears to have been subject to an easement along the northern property boundary where Earl Armstrong Road has been re-constructed into a four-lane road. A residential development has been constructed on the north side of Earl Armstrong Road, north of the Phase One property. Another residential development is under construction northwest of the Phase One property, on the north side of Earl Armstrong Road. The adjacent properties to the east, west and south are undeveloped land.
2015	The Phase One property appears to have been graded and used for soil stockpiling. The Phase One study area appears similar to the 2014 aerial photograph.
2019	The Phase One property has been graded and is grassed. It does not appear that the Phase One property is used for stockpiling soil at this time. A portion of the adjacent site which was formerly treed to the south has been graded. Portico Way has been constructed immediately west of the Phase One property and a residential development has been constructed west of Portico Way. Construction is ongoing in the residential development northwest of the Phase One property.
2022	The Phase One property and the Phase One study area appear similar to the 2019 aerial photograph.

Based on the review of the aerial photographs, two PCAs were identified on the Phase One property. The first PCA identified is associated with the former land use of the Phase One property being an agricultural field. It is possible that pesticides were applied to the agricultural field as a large-scale application (**PCA 1:** PCA #40 – Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Large-Scale Applications). The second PCA identified is associated with the unknown fill used to grade the site following the use of the Phase One property for soil stockpiling identified in the 2017 and 2022 aerial photographs (**PCA 2:** PCA #30 – Importation of Fill Material of Unknown Quality).

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 dolostone and sandstone of the Beekmantown Group. Surficial geology consists of fine-textured glaciomarine deposits of silt and clay with minor amounts of sand and gravel. Ground surface is approximately 94 metres above sea level (masl).

3.8.3 Fill Materials

As identified in Section 3.8.1, it is possible that fill has been imported to the Phase One property. The Phase One property appears to have been graded prior to and following the property use of stockpiling and distributing soil from approximately 2015 until 2017 (**PCA 2: PCA #30 – Importation of Fill Material of Unknown Quality**).

3.8.4 Water Bodies and Areas of Natural Significance

There are no waterbodies on the Phase One property. There was standing water on the Phase One property at the time of the investigation, however it is assumed that standing water on the Phase One property is seasonal and the result of a recent abundance of rain. The Thomas Gamble Municipal Drain is located approximately 225 m west of the Phase One property. The Rideau River is located approximately 1.9 km west of the Phase One property. The inferred groundwater flow direction is west towards the Thomas Gamble Municipal Drain and the Rideau River.

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

3.8.5 Well Records

The Ontario well records website (<https://www.ontario.ca/page/map-well-records>) was accessed. There were not any well records identified in the Phase One study area.

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

3.9 Site Operating Records

No site operating records were available for review.

3.10 Summary of Records Review

Based on a review of the available records, the following PCAs were identified:

- Historic land use for the Phase One property as an agricultural field and the possibility of large-scale application of pesticides (PCA #40); and
- The Phase One property was used for soil stockpiling and graded, small stockpiles on the western portion of the Phase One property indicate the possibility that fill was imported from nearby residential developments (PCA #30).

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 PCAs potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

Mr. Marcel Denomme, Vice President of Land Development associated with Riverside South Limited Partnership and has known of the Phase one property for 7 ½ years. Mr. Denomme was interviewed over the phone on June 7, 2024. Mr. Denomme noted that the topsoil stockpiling observed in the aerial photographs was temporary topsoil screening for a residential development near the Phase One property. Mr. Denomme also noted that the small stockpiles/berms in the northwest corner of the Phase One property were possibly sourced by nearby homeowners doing landscaping on their properties and then dumping sod/soil on the Phase One property. A jersey barrier was then placed at the Phase One property entrance to deter homeowners from accessing the Phase One property. Mr. Denomme was unaware of any environmental issues pertaining to the Phase one property (historical fuel/chemical storage or spills etc.).

5.0 Site Reconnaissance

5.1 General Requirements

On May 29, 2024, Mr. Devin Clouthier, 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 weather was approximately 17°C and sunny. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix F.

5.2 Specific Observations at the Phase One Property

The Phase One property was undeveloped. The entirety of the Phase One property was grassed with some mature deciduous trees along the western property line.

5.2.1 Buildings and Structures

There are no buildings or structures present on the Phase One property.

5.2.2 Site Utilities and Services

Surrounding properties are connected to municipal services. No utilities were present on the Phase One property.

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 USTs.

5.3.2 Above Ground Storage Tanks

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

5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored at the Phase One property.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining were observed on the Phase One property at the time of EXP's site visit. None of the vegetation on the Phase One property appeared to be stressed.

5.6 Fill and Debris

There were several small stockpiles of fill on the northwestern portion of the Phase One property. The stockpiles appeared to consist of gravel and topsoil (**PCA 2** – PCA# 30 Importation of Fill Material of Unknown Quality). It has been indicated by Mr. Denomme that these small stockpiles of fill were sourced from nearby homeowners disposing of soil and sod for landscaping purposes. There was debris observed on the western portion of the Phase One property as well (concrete, asphalt, lumber and disposed silt fence). This debris is consistent with construction waste indicating that the stockpiled soil on the Phase One property could have been sourced from nearby residential developments.

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

There is no evidence of any wells on the Phase One property.

5.13 Roads, Parking Facilities and Right of Ways

There is not currently vehicle access to the Phase One property. A curb prevents vehicles from driving on the Phase One property.

5.14 Adjacent and Surrounding Properties

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

The following land uses border the Phase One property:

- North: Earl Armstrong Road followed by residential;
- West: Portico Way followed by residential;
- East: Undeveloped, grassed land; and
- South: Undeveloped, treed land.

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, one (1) PCA was identified on the Phase One property. The PCA was the small stockpiles of fill material located on the western portion of the Phase One property (**PCA 2:** PCA #30 – Importation of Fill Material of Unknown Quality).

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it does not appear that the Phase One property has ever been developed. The Phase One property was initially transferred to Riverside South Development Corporation in April 2002 and appears to have been used as an agricultural field since at least 1976 to 2014.

The Phase One property was initially transferred to Riverside South Development Corporation in April 2002 and appears to have been used as an agricultural field since at least 1976 to 2014.

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. Two (2) PCAs were identified on the Phase One property.

The following PCAs were identified on the Phase One property:

- **PCA 1:** Historic land use of the Phase One property as an agricultural field and possibility of large-scale application of pesticides (PCA #40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Large-Scale Applications); and
- **PCA 2:** The Phase One property was graded prior to temporarily being used for topsoil screening. It is possible that fill was brought in to complete the grading. Small stockpiles of fill material possibly source from nearby homeowners and residential developments were observed on the northwestern portion of the Phase One property (PCA #30 Importation of Fill Material of Unknown Quality).

No other PCAs within the vicinity of the Phase One property (approximately 250 m radius) were identified.

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.

- **PCA 1** represents an APEC (APEC #1) to the Phase One property based on potential soil and groundwater contamination from the possibility of historic large-scale application of pesticides on the Phase One property when it was used as an agricultural field from at least 1976 until approximately 2014.
- **PCA 2** represents an APEC (APEC #2) to the Phase One property based on potential soil contamination from fill material being imported, as well as small stockpiles observed in the northwestern portion of the Phase One property.

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 CSM showing the topography of the site, inferred groundwater flow, general site features, APECs, and PCAs is shown in Figures 2 and 3.

6.4.1 Buildings and Structures

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it does not appear that any buildings have ever been present on the Phase One property.

6.4.2 Water Bodies and Groundwater Flow Direction

There are no waterbodies on the Phase One property. There was standing water on the Phase One property at the time of the investigation, however it is assumed that standing water on the Phase One property is seasonal and the result of a recent abundance of rain. The Thomas Gamble Municipal Drain is located approximately 225 m west of the Phase One property. The Rideau River is located approximately 1.9 km west of the Phase One property. The inferred groundwater flow direction is west towards the Thomas Gamble Municipal Drain and the Rideau River.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

There were not any well records identified on the Phase One property or the Phase One study area.

6.4.5 Potentially Contaminating Activity

Ontario Regulation 153/04 defines a PCA as one of 59 operations set out in Table 2 of Schedule D that occurs or has occurred in a Phase One study area. Two (2) PCAs were identified on the Phase One property. The PCAs were further evaluated to determine if the activity may be contributing to an APEC at the Phase One property or if they are considered de-minimis and not contributing to an APEC.

The following PCAs were identified:

EXP PCA #	Location of PCA	PCA Identification	Description	Rationale
PCA 1	Phase One property	PCA #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Large-Scale Applications	Phase One property historically used as an agricultural field from at least 1976 until 2014.	It is considered possible that pesticides were applied on a large-scale to the agricultural field which was present on the Phase One property.
PCA 2	Phase One property	PCA #30 - Importation of Fill Material of Unknown Quality	It appears that fill material was imported to the Phase One property when it was graded. Small stockpiles of fill material observed on the western portion of the Phase One property.	It is considered possible that fill material was imported to the Phase One property when it was graded in 2015. Small stockpiles of fill were observed on the western portion of the Phase One property. The quality of this fill material is unknown.

It is possible that the large-scale pesticide application (**PCA 1**) and importation of fill of unknown quality (**PCA 2**) have impacted the soil and groundwater conditions on the Phase One property and was considered to contribute to APECs.

6.4.6 Areas of Potential Environmental Concern

Area of Potential Environmental Concern (APEC)	Location of APEC on Phase One Property	Potentially Contaminating Activity (PCA)	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or Sediment)
APEC 1: Large-scale pesticide application on agricultural field formerly located on Phase One property	Entirety of Phase One property	PCA 1: PCA #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Large-Scale Applications	On-Site	OC Pesticides	Groundwater and soil
APEC 2: Importation of fill material of unknown quality across the Phase One property	Northwestern corner of the Phase One property	PCA 2: PCA #30 - Importation of Fill Material of Unknown Quality	On-Site	PHC, PAH, Metals	Soil

6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of dolostone and sandstone of the Beekmantown Group. Surficial geology consists of fine-textured glaciomarine deposits of silt and clay with minor amounts of sand and gravel. Ground surface is approximately 94 metres above sea level (masl).

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

The Qualified Person who oversaw this work, Chris Kimmerly, P.Geo., recommends that a Phase Two ESA be conducted to address **APEC 1**, with the contaminants of potential concern being OC pesticides. It is also recommended that a sampling and analysis plan and soil characterization report be completed to address **APEC 2**, with the contaminants of potential concern being PHC, BTEX, pH, metals and hydride forming metals.

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).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*, 2002.
- Environment Canada, *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, 2003 Annual Report, 2004.
- Golder Associates Ltd., *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario*, October 2004.
- Golder Associates Ltd., *Phase I Environmental Site Assessment, 980 Earl Armstrong Road, Ottawa, Ontario*, August 2015.
- Intera Technologies Ltd., *Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II*, April 1987.
- Natural Resources Canada, The Atlas of Canada – Toporama website (atlas.gc.ca/toporama/en/)
- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
- Ontario Ministry of the Environment, Conservation and Parks, *Access Environment website* (www.accessenvironment.ene.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Environmental Registry website* (www.ebr.gov.on.ca/ERS-WEB-External).
- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*, July 1, 2011.
- 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).
- 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).

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 Extendicare (Canada) Incorporated ("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.

*Extendicare (Canada) Incorporated
Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
July 3, 2024*

10.0 Signatures

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



Devin Clouthier, B.Sc.
Environmental Scientist
Earth and Environment



Chris Kimmerly, P.Geo., QP^{ESA}
Manager – Senior Geoscientist
Earth and Environment

EXP Services Inc.

*Extendicare (Canada) Incorporated
Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
July 3, 2024*

Appendix A: Qualifications of Assessors

Qualifications of Assessors

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

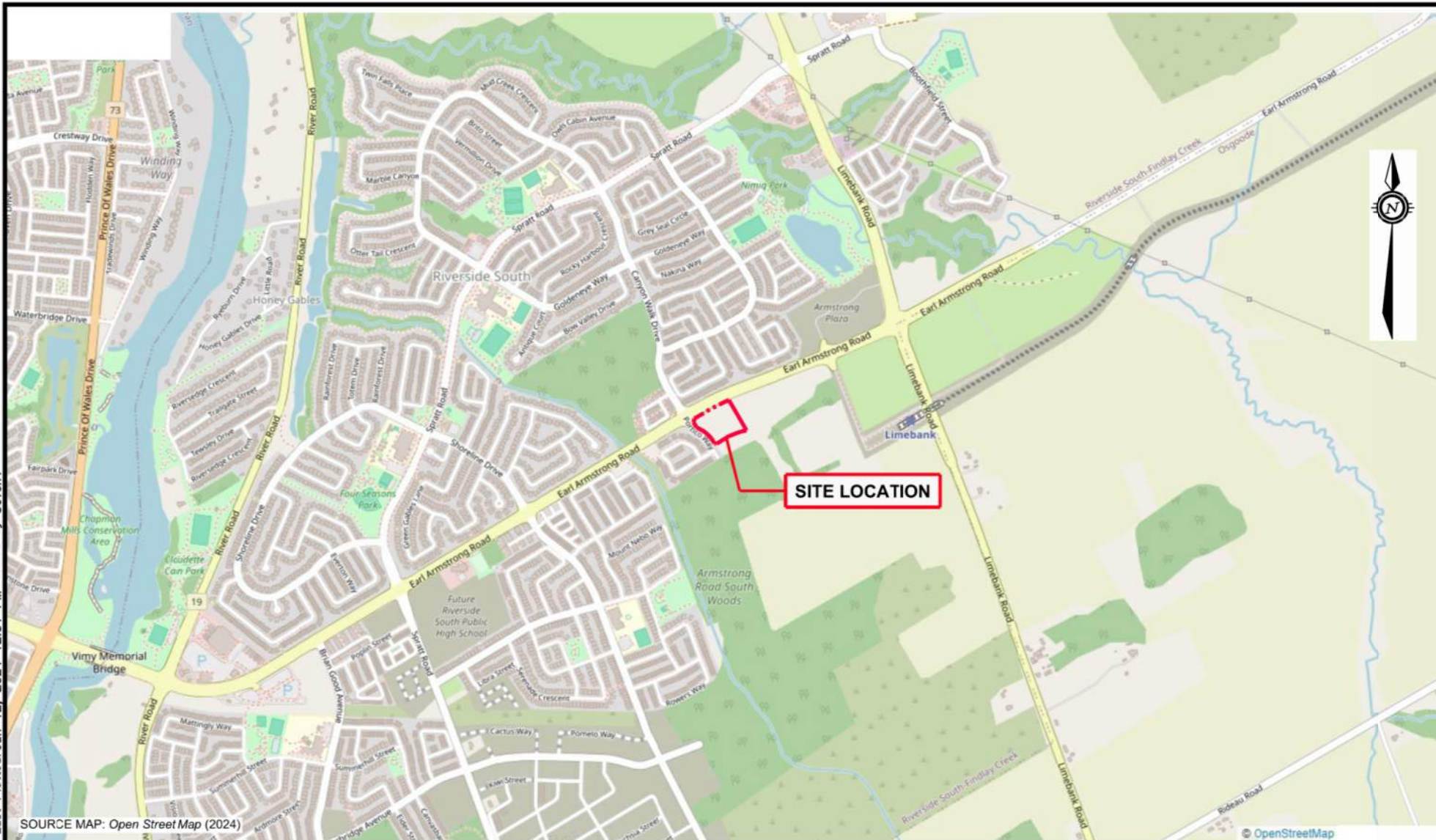
Devin Clouthier, B.Sc., has 4 years of experience in the environmental consulting field. He has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, assisting in report preparation, data entry and analysis.

Chris Kimmerly, M.Sc., P.Geo., has more than 31 years of environmental consulting experience, 30 of which have been with EXP. A graduate of Brock University with a Master of Science Degree in Geological Science, His technical experience includes managing, coordinating, and conducting environmental site assessments; groundwater sampling programs; soil and groundwater remedial action and risk mitigation plans; mineral aggregate assessments; hydrogeological and terrain analysis assessments; designated substances and hazardous materials surveys. Mr. Kimmerly is a Qualified Person for completing Phase One and Two Environmental Site Assessments as per O.Reg. 153/04.

EXP Services Inc.

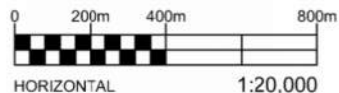
Extendicare (Canada) Incorporated
Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
July 3, 2024

Appendix B: Figures



LEGEND

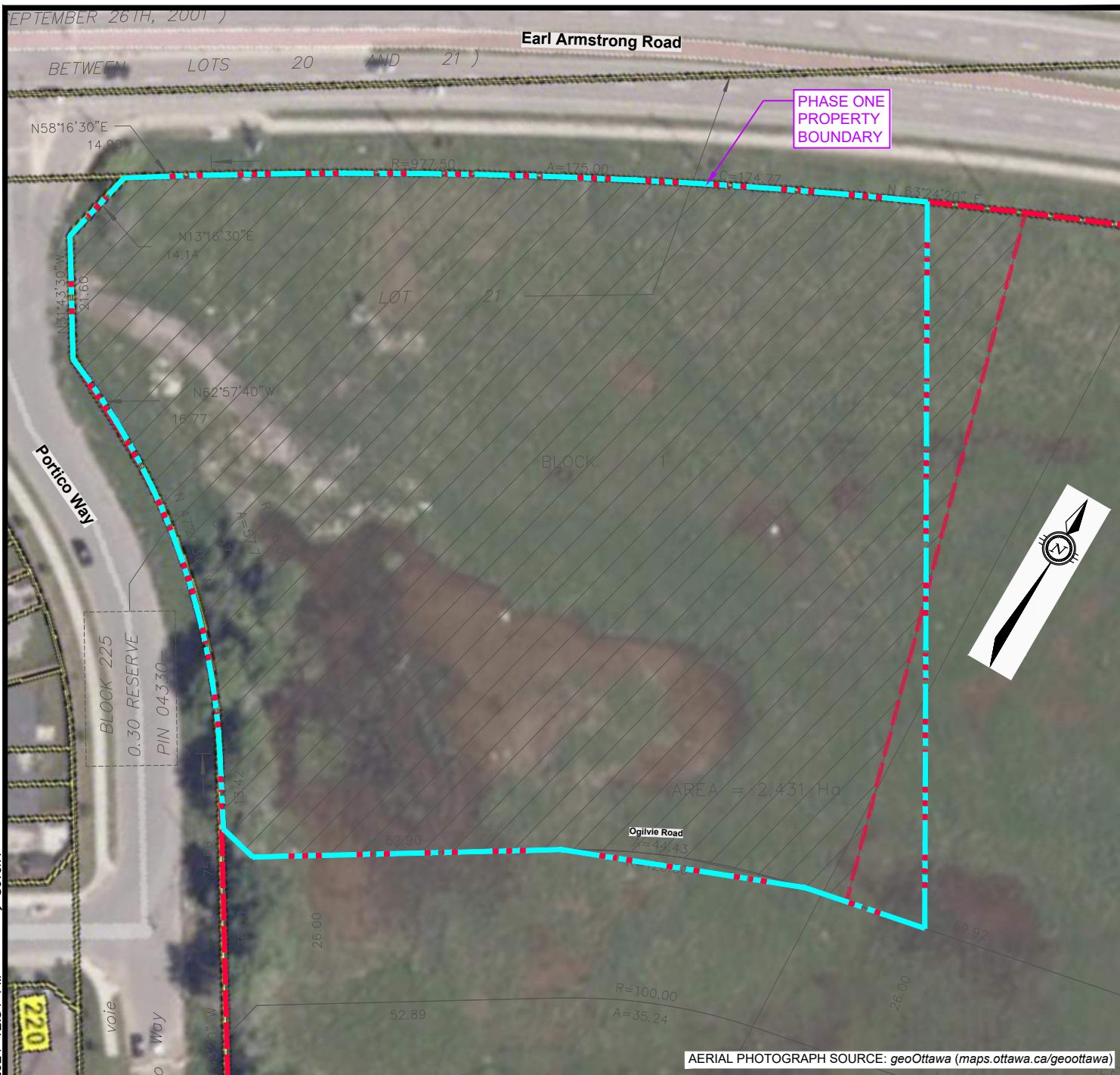
--- APPROXIMATE
SITE BOUNDARY



EXP Services Inc. www.exp.com

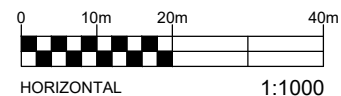
t: +1.613.688.1899 | f: +1.613.225.7337
2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE JUNE 2024		CLIENT: EXTENDICARE	project no. OTT-24005069-A0
DESIGN DC		PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:20,000
CHECKED CK		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
DRAWN BY AS		TITLE: SITE LOCATION PLAN	FIG 1



LEGEND

PROPERTY BOUNDARY



EXP Services Inc. www.exp.com

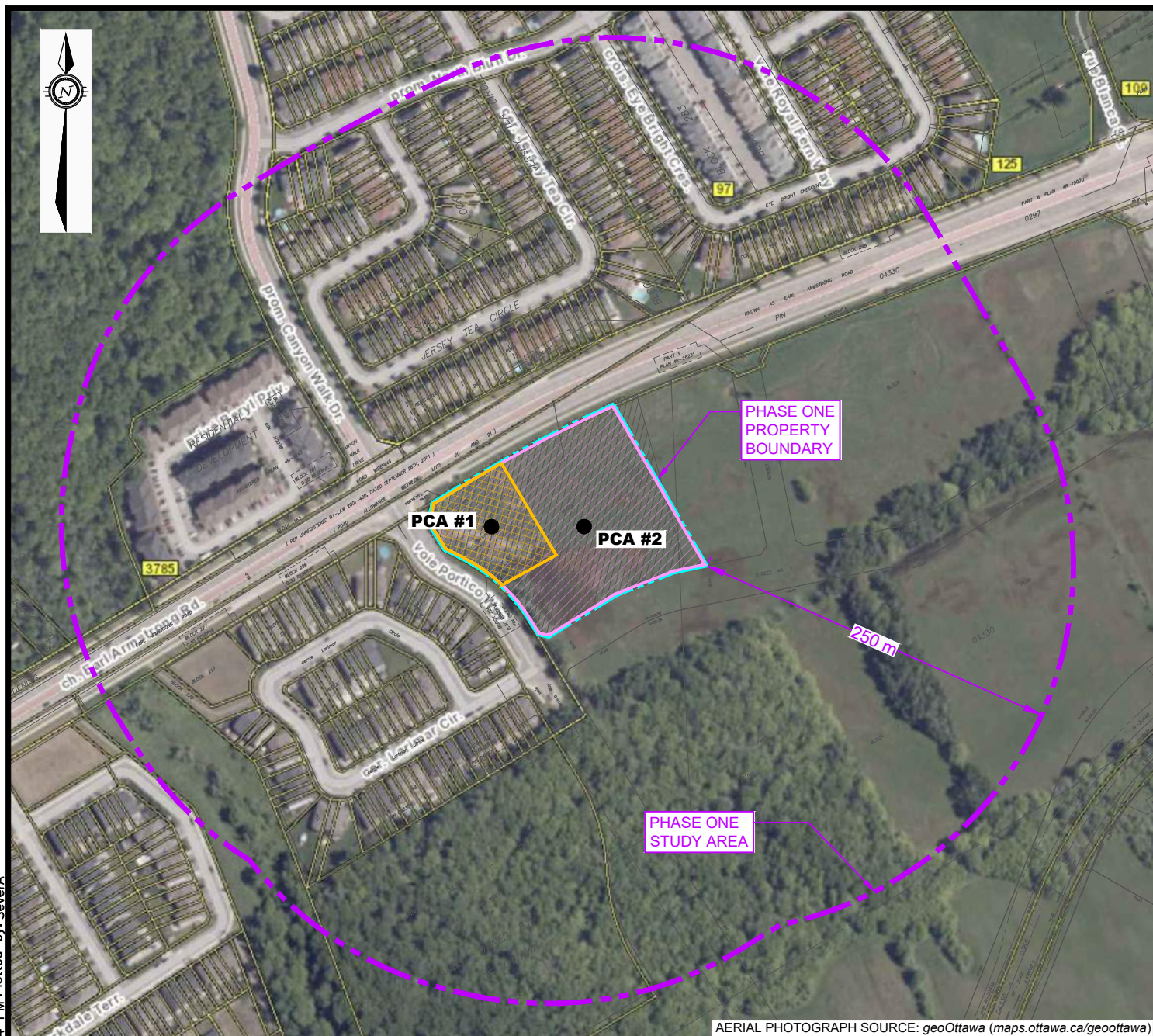
t: +1.613.688.1899 | f: +1.613.225.7337

2650 Queensview Drive, Suite 100

Ottawa, ON K2B 8H6, Canada

DATE JUNE 2024		CLIENT: EXTENDICARE		project no. OTT-24005069-A0
DESIGN DC		CHECKED CK		scale 1:1000
DRAWN BY AS		PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT		TITLE: PHASE ONE PROPERTY - SITE LAYOUT
				FIG 2

File: E:\OTT-24005069-A0_60_Execution\65 Drawings\Environmental\OTT-24005069-A0_Ph-1_980-Earl-Armstrong-Rd.dwg
Last Saved: Jun 12, 2024 12:33 PM
Last Plotted: Jun 12, 2024 12:34 PM
Plotted By: SeverA



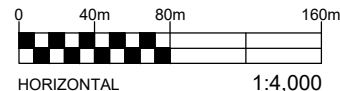
AERIAL PHOTOGRAPH SOURCE: geoOttawa (maps.ottawa.ca/geoottawa)

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)
- INFERRED GROUNDWATER FLOW DIRECTION
- PCA #1 ● POTENTIALLY CONTAMINATING ACTIVITY (PCA) IDENTIFIER

AREA OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC 1
- APEC 2



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2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE JUNE 2024		CLIENT: EXTENDICARE	project no. OTT-24005069-A0
DESIGN DC	CHECKED CK	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	FIG 3
		TITLE: PHASE ONE CONCEPTUAL SITE MODEL	

EXP Services Inc.

*Extendicare (Canada) Incorporated
Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
June 12, 2024*

Appendix C: City Directories, Title Search, Municipal Records & Provincial Records

Ministry of the Environment,
Conservation and Parks

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

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

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



May 27, 2024

Momin Malek
EXP Services Inc.
2650 Queensview Drive, Unit 100
Ottawa, Ontario K2B 8H6
momin.malek@exp.com

Dear Momin Malek:

RE: MECP FOI A-2024-03023, Your Reference #: OTT-24005069-A0 – Record Release Letter

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

980 Earl Armstrong Drive, Ottawa

Attached is a copy of the records.

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 Starlynn Bourque at 705-507-5049 or starlynn.bourque@ontario.ca.

Yours truly,

A handwritten signature in black ink, appearing to read "J. Bourque" or similar, written in a cursive style.

for

Josephine DeSouza
Manager, Access and Privacy Office

Attachment



INCIDENT REPORT

Reference Number:	2573-AMNKJU	Module Type:	Pollution Incident Report (PIR)
Status:	Recommended	File Storage Number:	SI OT NE EA 100
Program:	Air	Activity:	General (No related specific activity)

Caller or PO Reporting/Receiving Information

First Name:	Last Name:
Name of Company:	

MAILING ADDRESS

Civic Address:	s.21	Unit Identifier:	
Delivery Designator:		Delivery Identifier:	
Municipality/ Unorganized Twp:	County/District:	Province/State:	Postal Code:
Postal Station:		Country:	Canada
Telephone Number:	Extension:	Other Number:	Email Address:
		Fax	

Date Reported to MOE:	2017/05/23	Time Reported to MOE:	16:30
Date of Incident:	2017/05/24	Time of Incident:	
Incident Date Confirmation:	Actual		

Client(s)

Client Details

Site(s)

Site Details

980 Earl Armstrong Road<UNOFFICIAL>
Address: Lot: , Part: , Ottawa, City,
District Office: Ottawa

Incident Summary:

Dust impacts

Initial Incident Description (as reported):

Created: Emily Diamond (Eastern Region) - 2017/05/24 10:57:16 AM

s.21

Caller is reporting a topsoil business [REDACTED] It's the third year in a row that they have been operating and it is resulting in dust impacts. Caller states they have to keep windows closed and wipe down everything on their balcony and solarium prior to use because everything is covered in dust/dirt.

Caller said the name of the company is D&G.

Caller requested update.

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Thandeka Ponalo (Ottawa District Office) - 2017/12/14 08:04 AM

June 7, 2017, 10:00: Set up meeting with operations Manager Ben Cready on Earl Armstrong Road. They have been operating for two years and will be done at the end of the year or spring 2018. He stated they have dust suppression when needed and they own water trucks for it. Employees know they should contact him if there is a lot of dust to bring water truck. They also water down site to help control dust generated from truck traffic. I asked if he had ever noticed dust leaving site as Ministry receiving complaints and he said he never really noticed it but trucks generate a lot of dust especially at the from of the site which they were directed to ensure is water down appropriately. Company instructed to be more diligent with measures to suppress dust or may be directed to have water truck on site at all times if the Ministry continues to received complaints. Mr Cready stated that the screening of dust does also generate dust but as a barrier would be impractical they would move the screening to the further back on the property as there are no properties on the other side, which should help reduce dust. potentially reduce dust leaving site. No further actions will be required if Ministry receives no further reports.

No more reports received. no further action required. Recommend IR be closed.

Incident Description Continuation:

Incident Update:

Was there an MOE field response?

Yes

Site Visit (other than inspection or ERP Response):	Yes
Inspection:	No
ERP Response:	
Date of Arrival at Site:	2017/06/06
Time of Arrival at Site:	10:00
Were there samples collected / analyzed at any time?	No
Known or Suspected Health / Environmental Consequence at the Time of Incident	
Health / Environmental Consequence:	2 - Minor Environment

Has a Water Body been impacted?	No
Receiving Environment:	Air
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	Province - MOE-District Office
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]
DUST		32	n/a			other - see incident description	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?
(legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
--	---


Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
------	--------------	---------------------------------	------	------------

Waste / EGR Information


Waste / EGR Information entries:

Document Related Information

Cross Reference:	(doc link)	Task Link:	3167-AMNL26 
Originating Document:		Created by:	Emily Diamond
Date Created:	2017/05/24	Date Completed:	
Office Receiving Incident Report:	Eastern Region	Incident Info Received By:	Emily Diamond
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Thandeka Ponalo
Badge No:	1718
Work Unit:	Eastern Region
District/Area Office:	Ottawa District Office
Date:	2017/12/14
Signature:	

District/Area Supervisor:

Name:	
Work Unit:	
District/Area Office:	
Date:	
Signature:	



Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

INCIDENT REPORT

Reference Number:	5308-BXTMKZ	Module Type:	Spill
Status:	Closed	File Storage Number:	SI OT
Program:	Waste - Hazardous & Liquid industrial	Activity:	Spills

Caller or PO Reporting/Receiving Information

First Name:	Last Name:
Joseph	Adesina
Name of Company:	
SNC Lavalin	

MAILING ADDRESS

Civic Address:		Unit Identifier:	
1145 Hunt Club			
Delivery Designator:		Delivery Identifier:	
Municipality/ Unorganized Twp:	County/District:	Province/State:	Postal Code:
		Ontario	
Postal Station:		Country:	Canada
Telephone Number:	Extension:	Other Number:	Email Address:
613-297-8985			

Date Reported to MOE:	2021/02/01	Time Reported to MOE:	11:41
Date of Incident:	2021/02/01	Time of Incident:	08:00
Incident Date Confirmation:	Actual		

Client(s)

Client Details
SNC-Lavalin Constructors (Pacific) Inc., Business/Facility Name: OLRT Constructors Mailing Address: Suite 300 - 1600 Carling Ave, Ottawa, Ontario, Canada, K1Z 1G3 Physical Address: Suite 300 - 1600 Carling Ave, Ottawa, City, Ontario, Canada, K1Z 1G3

Telephone: (613)916-6700, email: jack.cembalisy@ottawa-lrt.ca
Client #: 1489-97AR8L, Client Type: Corporation, NAICS: 237990

Site(s)

Site Details

980 Earl Armstrong Road
Address: Lot: Lot 21, Concession: 1, Geographic Township: GLOUCESTER, Ottawa, City
District Office: Ottawa
GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 10 -100 metres eg. Topographic Map,
Method: Map, UTM Easting: 445010, UTM Northing: 5014410, UTM Location Description: pond,
LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: 45.2756, Longitude: -75.6961
Site #: 5194-7YAP3W

Incident Summary:

SNC Lavalin: hyd fluid to grd, ctnd clnd 0.5 L

Initial Incident Description (as reported):

Created: Brenda Capicciotti (Spills Action Centre) - 2021/02/01 11:41:35 AM

SNC Lavalin reports spill at 980 Earl Armstrong Rd Ottawa construction site
Spill of hydraulic fluid, 0.5 litres spilled to gravel ground pad
Spill occurred at 08:00 and has been cleaned up.
Spill pads and trays used until spill was complete.
Dug out impacted gravel and disposed of in Clean Water Works bin for removal.
The casue was line came loose due to cold weather overnight
Noticed right away and stopped and fixed line right away, contained spill as much as possible.
No waterbodies, catch basins or sewers impacted.

not in spiaz
ITT = 3

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Erin Legue (Ottawa District Office) - 2021/02/02 12:50 PM

2 Feb 2021 Ottawa District

Minor spill at construction site, spill kit used and the impacted area was remediated. Contaminated materials is CWW bin for disposal. Source of spill due to mechanical error, has been repaired.

No further action required, recommend close file.

Incident Description Continuation:

Incident Update:

Was there an MOE field response?	No
Were there samples collected / analyzed at any time?	No
Known or Suspected Health / Environmental Consequence at the Time of Incident	
Health / Environmental Consequence:	2 - Minor Environment

Has a Water Body been impacted?	No
Receiving Environment:	Land
Incident Event:	Leak/Break
Incident Reason:	Material Failure - Poor Design/Substandard Material
Source Type:	Valve/Fitting/Piping
Sector Type:	Miscellaneous Communal
MOE/Other Agencies Involved:	Province - MOE-District Office
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]
HYDRAULIC OIL		15	n/a		0.5	L	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report? (legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
--	---


Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
------	--------------	---------------------------------	------	------------

Waste / EGR Information


Waste / EGR Information entries:

Document Related Information

Cross Reference:	(doc link)	Task Link:	6854-BXTMW8 
Originating Document:		Created by:	Brenda Capicciotti
Date Created:	2021/02/01	Date Completed:	2021/02/09
Office Receiving Incident Report:	Spills Action Centre	Incident Info Received By:	Brenda Capicciotti
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Erin Legue
Badge No:	1956
Work Unit:	Ottawa District Office
District/Area Office:	Ottawa District Office
Date:	2021/02/02
Signature:	

Supervisor:

Name:	Charlie Primeau
Work Unit:	Eastern Region
District/Area Office:	DWMD Ottawa Office
Date:	2021/02/09
Signature:	

Responsive Event Report - File

Event Number: 1-DX4ND

Summary Information

Summary:	SNC Lavalin: spill of motor oil on LRT site
Type:	SPILLS
Report Method:	Phone
State:	Open
Status:	Compliance Review Underway
Date Created:	04/27/2021 16:27:36
Date Reported:	04/27/2021 16:26:46
Date Occurred:	04/23/2021 00:00:00
Created By:	Chris Mutton
Assigned To:	CAPPELLOAN
Program:	
Regulated Activity:	
Municipality:	OTTAWA
District Office:	Ottawa District Office
Response Type:	Desktop Response

Call Reports

Summary:	SNC Lavalin: spill of motor oil on LRT site		
Report Details:	Caller is report a spill that occurred on Friday but was not noticed until today. It is a spill of 0.5L motor oil from a welding machine to the gravel. They cleaned it up by removing the contaminated material.		
Location:	980 Armstrong Rd		
Created By:	MUTTONCH		
Reference #:	1-DX4LV	Municipality:	OTTAWA
Date Created:	04/27/2021 16:24:08	Date Reported:	04/27/2021 16:26:46
Report Method:	Phone	Date Occurred:	04/23/2021 00:00:00
Outcome:	Responsive Event Created	Name not Provided:	N

Properties

ID:	1-DX4N1
Property Name:	
Municipality/County:	OTTAWA
District Office:	Ottawa District Office
Property Description:	

More Information

**Was there a discharge/emission/spill of a
contaminant to the natural environment?** Yes

Meets Criteria to Refer to TSSA: No

Offsite Impacts: No

**Is this spill confirmed to be below the
threshold for spills reporting exemption?** Yes

Receiving Environment: Land

Has a Water Body been impacted? No

Impacted Water Body/Watercourse:

Initial Health & Environment Consequence: Low

Final Health & Environment Consequence: Not Anticipated

MOE/Other Agencies Involved:

Specify Agency Name:

Can NAICS Code be determined? Yes

NAICS Code: 237990

Spilled from Source: Motor Vehicle

Specify Other:

Activity During which Spill Occurred:

Specify Other:

Incident Preceding Spill:

Specify Other:

Contributing Causes:

Specify process/unit/cause:

Root Cause:

Specify process/unit/cause:

Cleanup Status: Completed

Owner:

Controller:

Cleanup Report Provided:

Additional Report Provided:

Notes:

Created Date: 04/27/2021 16:57:35

Locked Date: 04/28/2021 16:57:35

Created By: LARKINLA

Subject: No further action

Details: I briefed EO Capello by email. This appears to be related to a 1 litre spill of motor oil that was cleaned up as per a previous entry made under this event. No further action is required at this time.

Attachments

Name: DRAFT 1-DX4ND Responsive Event - File

Serial Number: 1-DX4ND-1

Date Modified: 04/27/2021 16:31:25

URL:

Summary:

Description:

Contaminants

Contaminant Name: MOTOR OIL

Description:

UN#:

CAS#:

Material Type:

Quantity: 1 litre (L)

**Number of
Exceedances:**

Min. Quantity:

Max. Quantity:

Frequency:

Other Frequency:

Start Date/Time:

End Date/Time:

**Non-Compliance
Type:**

**Approval# / Permit# /
Legislation:**

Method:

Limit:

Limit Type:

Limit Measurement:

Responsive Event Report - File

Event Number: 1-6IYC77

Summary Information

Summary:	Badger Daylight: <50L of Hydraulic Oil. Contained. Clean up initiated.
Type:	SPILLS
Report Method:	Phone
State:	Closed
Status:	Ministry Review Completed
Date Created:	05/06/2024 16:29:12
Date Reported:	05/06/2024 16:23:40
Date Occurred:	05/06/2024 14:22:40
Created By:	Bilal Kidwai
Assigned To:	BAKERA
Program:	
Regulated Activity:	
Municipality:	OTTAWA
District Office:	Ottawa District Office
Response Type:	Desktop Response

Call Reports

Summary:	Badger Daylight: <200L of Hydraulic Oil. Contained.		
Report Details:	16:20 SAC(BK) rec'd Peter Seguin (Area Manager, 613 229 9349)		
	Reporting a Badger Daylight truck hit a cement barrier wall. Causing a rupture to a saddle tank resulting in less than 200L of hydraulic oil to gravel.		
	Contained - spill kit absorbent applied. Dispatched another hydrovac to the site to clean up spilled material.		
	Clean up is underway and almost clean.		
Location:	980 Earl Armstrong Rd, Gloucester, ON K1V 1T1		
Created By:	KIDWAIBI		
Reference #:	1-6IR7AO	Municipality:	
Date Created:	05/06/2024 16:23:40	Date Reported:	05/06/2024 16:23:40
Report Method:	Phone	Date Occurred:	05/06/2024 14:22:40
Outcome:	Responsive Event Created	Name not Provided:	N

Properties

ID: 1-DX4N1

Property Name:

Municipality/County: OTTAWA

District Office: Ottawa District Office

Property Description:

More Information

**Was there a discharge/emission/spill of a
contaminant to the natural environment?** Yes

Meets Criteria to Refer to TSSA: No

Offsite Impacts: No

**Is this spill confirmed to be below the
threshold for spills reporting exemption?** No

Receiving Environment: Land

Has a Water Body been impacted? No

Impacted Water Body/Watercourse:

Initial Health & Environment Consequence: Low

Final Health & Environment Consequence:

MOE/Other Agencies Involved:

Specify Agency Name:

Can NAICS Code be determined? Yes

NAICS Code: 238910

Spilled from Source: Motor Vehicle

Specify Other:

Activity During which Spill Occurred: Transportation

Specify Other:

Incident Preceding Spill: Accident/Collision

Specify Other:

Contributing Causes: Human error (Specify)

Specify process/unit/cause: Truck hit a cement barrier

Root Cause: Human error (Specify)

Specify process/unit/cause: Truck hit a cement barrier

Cleanup Status: Initiated

Owner:

Controller:

Cleanup Report Provided:
Additional Report Provided:

Notes:

Created Date: 05/06/2024 16:29:18

Locked Date: 05/07/2024 16:29:18

Created By: KIDWAIBI

Subject: Call Report 1-6IR7AO

Details: 16:20 SAC(BK) rec'd Haley (Badger Env) and Peter Seguin (Area Manager, 613 229 9349)

Reporting a Badger Daylight truck hit a cement barrier wall. Causing a rupture to a saddle tank resulting in less than 50L of hydraulic oil to gravel.

Contained - spill kit absorbent applied. No impacts to any municipal infrastructure or water bodies.

Dispatched another hydrovac to the site to clean up spilled material.

Clean up is underway and almost clean.

Requesting EGR. EGR provided and RE# shared.

Requested update once clean up is complete.

Created Date: 05/06/2024 16:30:35

Locked Date: 05/07/2024 16:30:35

Created By: KIDWAIBI

Subject: SPIA

Details: Location Information
Zoom in to confirm your location and results

Latitude: 45.26936 Longitude: -75.70000

UTM Zone: 18

Easting: 445088.38 Northing: 5013112.43

Upper Tier Municipality: N/A

Lower Tier Municipality: CITY OF OTTAWA

Township Concession and Lot: GLOUCESTER LOT 20 BROKEN FRONT
FROM RIDEAU RIVER

Assessment Parcel Address: N/A

Assessment Roll #: N/A

MECP District: Ottawa

MECP Region: Eastern Region

Source Protection Details for Location

Source Protection Area: Rideau Valley
View Source Protection Plan
Wellhead Protection Area: No
Wellhead Protection Area (WHPA-E): No
Intake Protection Zone: No
Issue Contributing Area: No
Significant Groundwater Recharge Area: No
Highly Vulnerable Aquifer: No
Event Based Area: No
Wellhead Protection Area Q1: No
Wellhead Protection Area Q2: No
Intake Protection Zone Q: No
Information is current as of: April 19, 2024

Created Date: 05/06/2024 17:49:06 **Locked Date:** 05/07/2024 17:49:06

Created By: KIDWAIBI

Subject: Badger to SAC

Details: 17:47 SAC(BK) rec'd call from Haley (Badger Env)

Reporting spill is completely cleaned up.

Attachments

Name: DRAFT 1-6IYC77 Responsive Event Report - File

Serial Number: 1-6IYC77-1

Date Modified: 05/06/2024 17:51:29

URL:

Summary:

Description:

Name: 1-6IYC77_Responsive Event Report - File

Serial Number: 1-6IYC77-2

Date Modified: 05/07/2024 08:34:12

URL:

Summary:

Description:

Contaminants

Contaminant Name: HYDRAULIC OIL

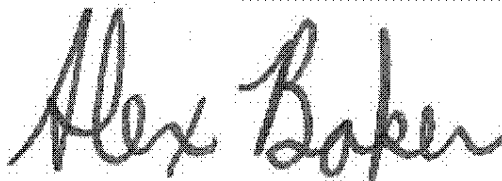
Description:	
UN#:	CAS#:
Material Type:	
Quantity:	50 litre (L)
Number of Exceedances:	
Min. Quantity:	
Max. Quantity:	
Frequency:	
Other Frequency:	
Start Date/Time:	
End Date/Time:	
Non-Compliance Type:	
Approval# / Permit# / Legislation:	
Method:	
Limit:	
Limit Type:	
Limit Measurement:	

Signature

Completed By: BAKERA

Badge Number: 1863

Date Completed: 05/07/2024 08:34:05



(Signature)



CITY DIRECTORY

Project Property: *Phase One ESA
980 EARL ARMSTRONG RD
Gloucester, ON K1V 1T1*

Project No: *OTT-24005069-A0 _Chris Kimmerly*

Requested By: *exp Services Inc.*

Order No: *24051300438*

Date Completed: *May 22, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

May 22, 2024
RE: CITY DIRECTORY RESEARCH
980 EARL ARMSTRONG RD
Gloucester, ON K1V 1T1

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

3785-3795 of Canyon Walk Drive
975-1000 of Earl Armstrong Road
185-245 of Jersey Tea Circle
100-220 of Larimar Circle
4630 of Limebank Road

Search Notes:

Gloucester, Ontario, is listed from 1991 to 2021. While Portico Way falls within the requested radius, it has no civic addresses available to report.

Search Results Summary

Data from 2012 to 2021 does not include residential information

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2006-2007	VERNONS	
2000	POLKS	
1994	POLKS	
1991	MIGHTS	

Environmental Risk Information Services

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1.866.517.5204 | info@erisinfo.com | erisinfo.com

NO LISTING FOUND

NO LISTING FOUND

228

CANADIAN WATER INSPECTION...NON-PROFIT ORGANIZATIONS

214

REDI ANALYSIS...SOFTWARE PUBLISHERS

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

3785-
3795

NO LISTINGS WITHIN RADIUS

975-1000 NO LISTINGS WITHIN RADIUS

185-245 STREET NOT LISTED

2006- LARIMAR CIRCLE

2007

SOURCE: VERNONS

100-220 STREET NOT LISTED

2006- LIMEBANK ROAD

2007

SOURCE: VERNONS

4630 ADDRESS NOT LISTED

3785-
3795 STREET NOT LISTED

975-1000 STREET NOT LISTED

185-245 STREET NOT LISTED

100-220 STREET NOT LISTED

4630 ADDRESS NOT LISTED

3785-
3795 STREET NOT LISTED

975-1000 STREET NOT LISTED

185-245 STREET NOT LISTED

100-220 STREET NOT LISTED

4630 STREET NOT LISTED

3785-
3795 STREET NOT LISTED

975-1000 STREET NOT LISTED

185-245 STREET NOT LISTED

100-220 STREET NOT LISTED

4630 STREET NOT LISTED

Appendix D: EcoLog ERIS Report



DATABASE REPORT

Project Property:	<i>Phase One ESA 980 EARL ARMSTRONG RD Gloucester ON K1V 1T1</i>
Project No:	<i>OTT-24005069-A0 _Chris Kimmerly</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>24051300438</i>
Requested by:	<i>exp Services Inc.</i>
Date Completed:	<i>May 13, 2024</i>

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Executive Summary

Property Information:

Project Property: *Phase One ESA
980 EARL ARMSTRONG RD Gloucester ON K1V 1T1*

Project No: *OTT-24005069-A0 _Chris Kimmerly*

Order Information:

Order No: *24051300438*

Date Requested: *May 13, 2024*

Requested by: *exp Services Inc.*

Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

City Directory Search *Smart CD Search*

ERIS Xplorer [*ERIS Xplorer*](#)

Executive Summary: Report Summary

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

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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		<i>Total:</i>	5	2	7

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	EHS		980 Earl Armstrong Rd and 4209 Limebank Road Ottawa ON K1V1R5	E/0.0	0.00	14
1	ECA	Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	E/0.0	0.00	14
1	ECA	Urbandale Corporation	4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	E/0.0	0.00	14
1	ECA	Urbandale Corporation	4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	E/0.0	0.00	15
1	EHS		980 Earl Armstrong Road Ottawa ON	E/0.0	0.00	15

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
2	PINC		3795 Canyon Walk, Ottawa ON	WNW/114.6	-2.00	15
3	HINC		318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7	NNE/237.5	-2.00	16

Executive Summary: Summary By Data Source

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2024 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Urbandale Corporation	4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	0.0	<u>1</u>
Urbandale Corporation	4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	0.0	<u>1</u>
Riverside South Development Corp.	980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	0.0	<u>1</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	980 Earl Armstrong Road Ottawa ON	0.0	<u>1</u>
	980 Earl Armstrong Rd and 4209 Limebank Road Ottawa ON K1V1R5	0.0	<u>1</u>

HINC - TSSA Historic Incidents

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

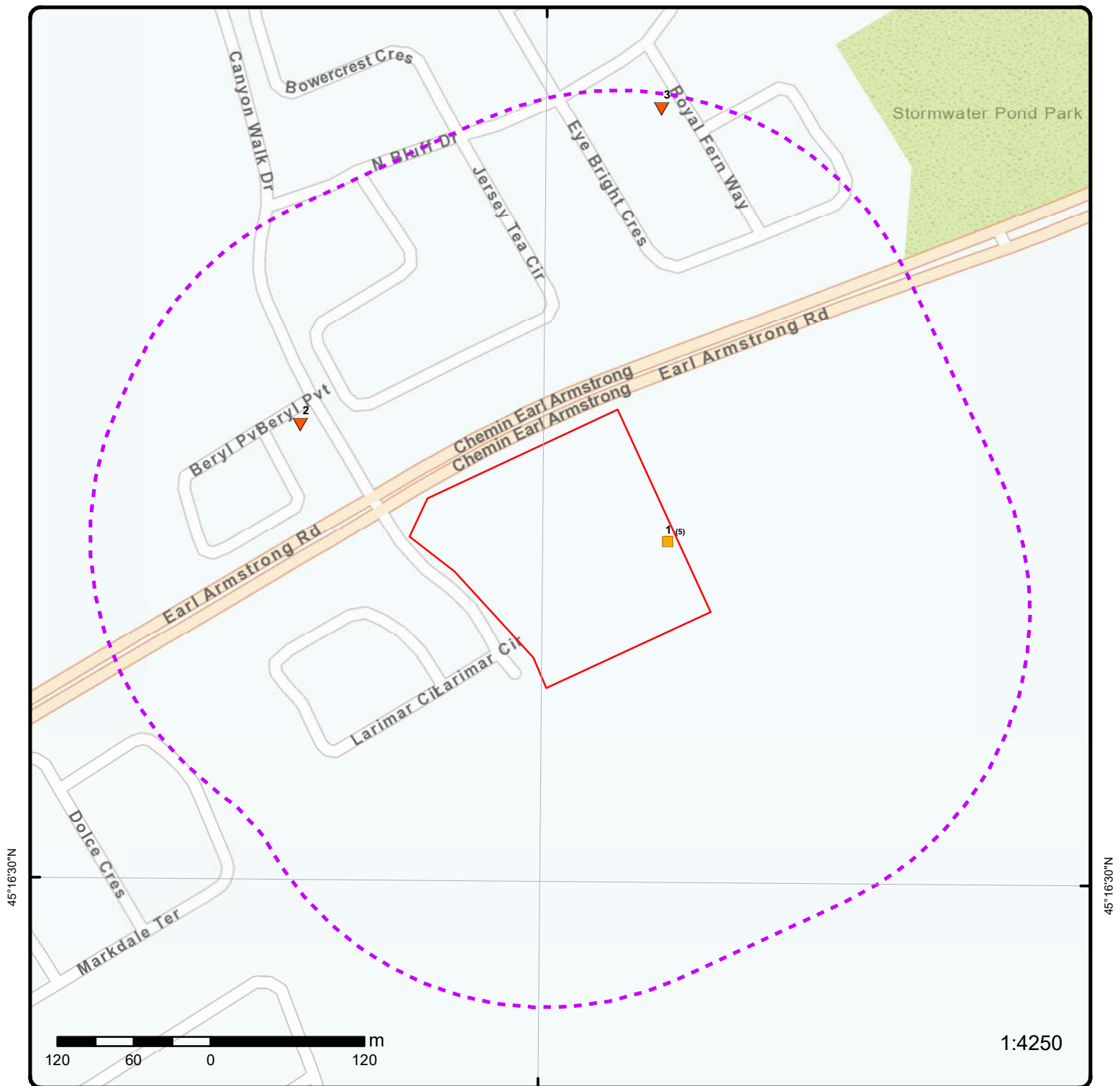
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7	237.5	<u>3</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3795 Canyon Walk, Ottawa ON	114.6	<u>2</u>



Map: 0.25 Kilometer Radius

Order Number: 24051300438

Address: 980 EARL ARMSTRONG RD, Gloucester, ON

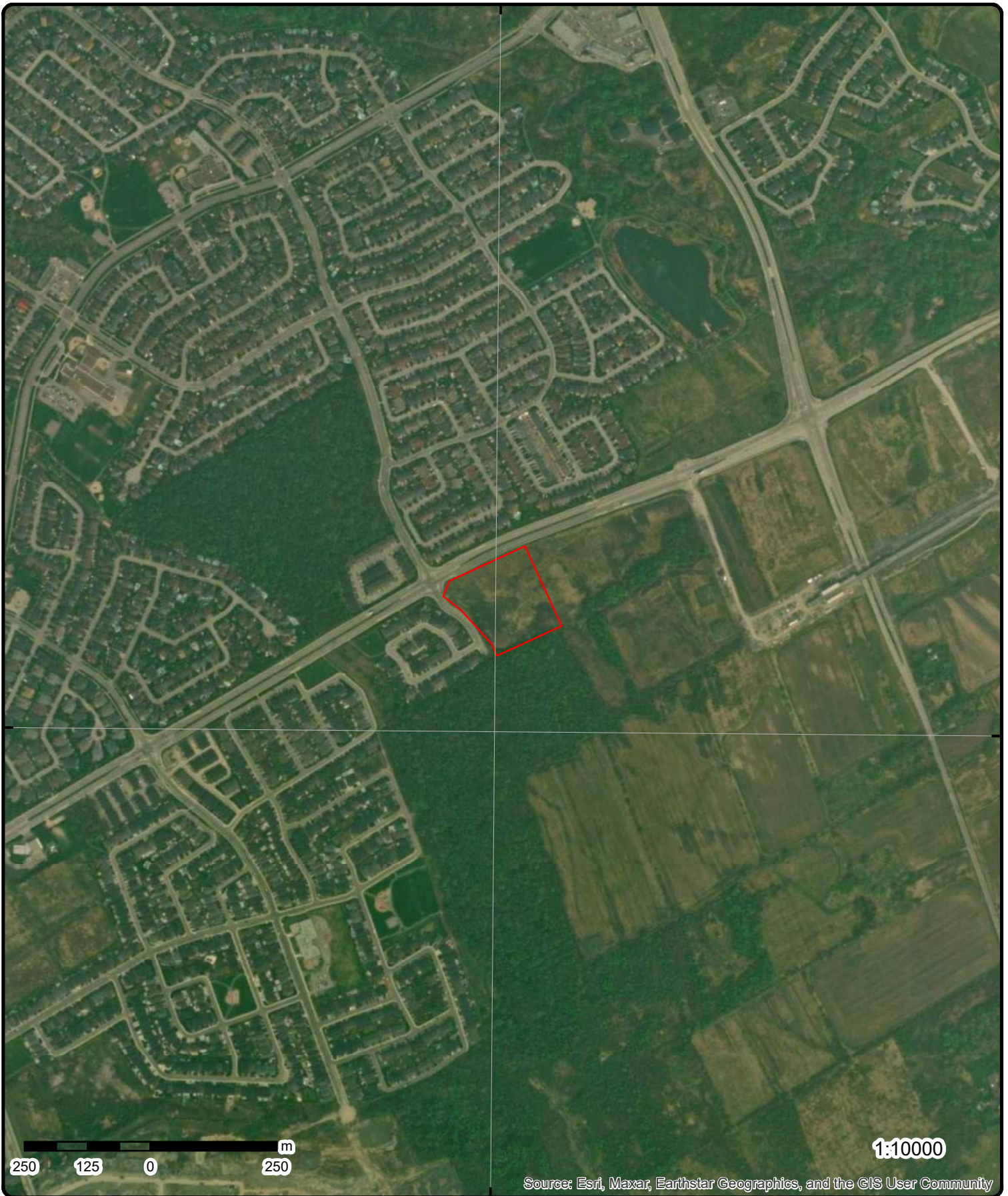


Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Parkt (National)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

75°40'30"W

45°16'30"N

45°16'30"N



Aerial

Year: 2023

Order Number: 24051300438

Address: 980 EARL ARMSTRONG RD, Gloucester, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°42'W

75°40'30"W

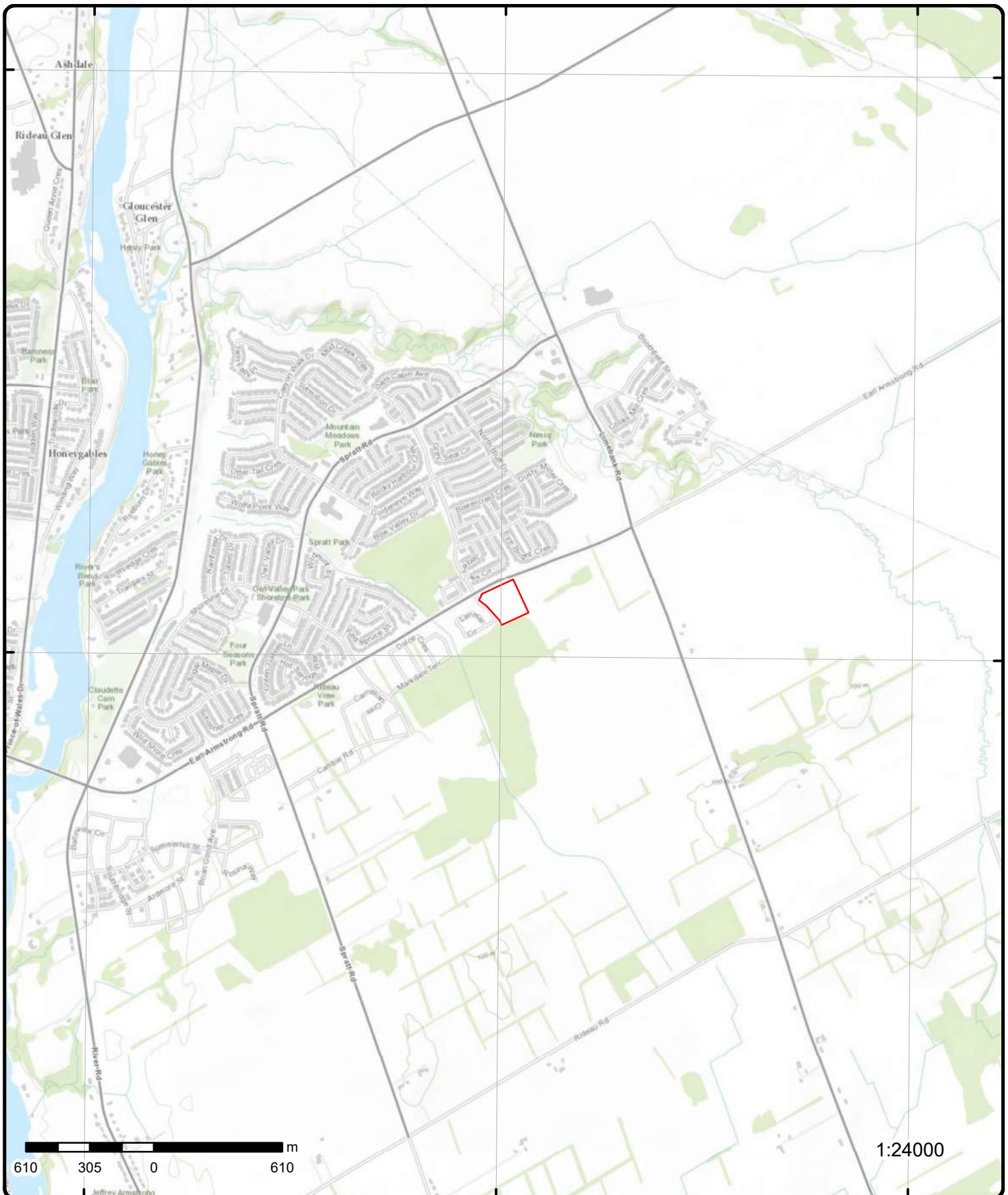
75°39'W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



Topographic Map

Order Number: 24051300438

Address: 980 EARL ARMSTRONG RD, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 5	E/0.0	92.9 / 0.00	980 Earl Armstrong Rd and 4209 Limebank Road Ottawa ON K1V1R5	EHS
<div> <div> Order No: 20140129007 Status: C Report Type: Custom Report Report Date: 06-FEB-14 Date Received: 29-JAN-14 Previous Site Name: Lot/Building Size: Additional Info Ordered: </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.680047 Y: 45.275034 </div> </div>					
1	2 of 5	E/0.0	92.9 / 0.00	Riverside South Development Corp. 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Ottawa ON K1G 2H5	ECA
<div> <div> Approval No: 0965-A7HJ9E Approval Date: 2016-03-13 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Riverside South Development Corp. Address: 980 Earl Armstrong Rd Part of and 1420 Earl Armstrong Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6616-A79RGP-14.pdf PDF Site Location: </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					
1	3 of 5	E/0.0	92.9 / 0.00	Urbandale Corporation 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	ECA
<div> <div> Approval No: 4644-AQBJRW Approval Date: 2017-08-22 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: Urbandale Corporation Address: 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1505-APTQBG-14.pdf PDF Site Location: </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 5	E/0.0	92.9 / 0.00	Urbandale Corporation 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Ottawa ON K1G 2H5	ECA
<div> <div> Approval No: 9695-APNR4V Approval Date: 2017-08-08 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: Urbandale Corporation Address: 4623 and 4721 Spratt Road, 980 Earl Armstrong Road Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2027-APKL5T-13.pdf PDF Site Location: </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					
1	5 of 5	E/0.0	92.9 / 0.00	980 Earl Armstrong Road Ottawa ON	EHS
<div> <div> Order No: 20161118097 Status: C Report Type: Custom Report Report Date: 25-NOV-16 Date Received: 18-NOV-16 Previous Site Name: Lot/Building Size: Additional Info Ordered: </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.667283 Y: 45.275623 </div> </div>					
2	1 of 1	WNW/114.6	90.9 / -2.00	3795 Canyon Walk, Ottawa ON	PINC
<div> <div> Incident Id: 2697796 Incident No: 541338 Incident Reported Dt: Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Tank Status: RC Established Task No: 3247910 Spills Action Centre: Fuel Type: Natural Gas Fuel Occurrence Tp: Pipeline Strike Date of Occurrence: 3/1/2011 0:00 Occurrence Start Dt: 2011/03/01 Depth: Customer Acct Name: Incident Address: Operation Type: Construction Site (pipeline strike) Pipeline Type: Regulator Type: Summary: 3795 Canyon Walk, Ottawa - Pipeline Hit Reported By: Guy Castagne - TSSA Affiliation: Safety Authorities (MOL, ESA, Insurers, etc.) Occurrence Desc: While contractor took precautions to avoid hitting gas while digging through frozen ground, the locates were out of date. Damage Reason: Excavation practices not sufficient Notes: </div> <div> Pipe Material: Fuel Category: Natural Gas Health Impact: No Environment Impact: No Property Damage: Yes Service Interrupt: No Enforce Policy: Yes Public Relation: No Pipeline System: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 1	NNE/237.5	90.9 / -2.00	318 ROYAL FERN WAY GLOUCESTER ON K1V 2K7	HINC
External File Num: FS INC 0804-01492 Fuel Occurrence Type: Pipeline Strike Date of Occurrence: 3/31/2008 Fuel Type Involved: Natural Gas Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Construction Site (pipeline strike) Service Interruptions: Yes Property Damage: Yes Fuel Life Cycle Stage: Transmission, Distribution and Transportation Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:Yes Human Factors:Yes Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Ottawa Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					

Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Rideau Carleton Raceway Holdings Limited	Earl Armstrong Road, High Road, and Canyon Walk Drive	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA		Lot 20, Conc. 1 (Rideau Front), City of Gloucester	Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	LOTS 20-23, CONCESSION 1	OTTAWA CITY ON	
EBR	Riverside South Development Corporation (RSDC)		ON	
ECA	Riverside South Development Corp.	Part of 20,21,22 Broken Front (Rideau Front)	Ottawa ON	K1G 2H5
ECA	Riverside South Development Corp.		Ottawa ON	K1G 2H5

ECA	City of Ottawa	Earl Armstrong Rd	Ottawa ON	K1P 1J1
ECA	City of Ottawa	Earl Armstrong Rd River Road to Limebank Road	Ottawa ON	K1P 1J1
WWIS		lot 21 con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		lot 20	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		con 1	ON	
WWIS		lot 22	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		lot 20	ON	
WWIS		con 1	ON	
WWIS		lot 22	ON	

Unplottable Report

Site: *Urbandale Corporation*
Part of Lot 20, Concession 1 Ottawa ON

Database:
CA

Certificate #: 5155-667MFQ
Application Year: 2004
Issue Date: 11/1/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Geographic Township of Gloucester Ottawa ON

Database:
CA

Certificate #: 5641-7FHJMY
Application Year: 2008
Issue Date: 6/11/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Urbandale Corporation*
Part of Lot 20, Concession 1 Ottawa ON

Database:
CA

Certificate #: 6191-5PPQ63
Application Year: 2003
Issue Date: 7/25/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Ottawa ON

Database:
CA

Certificate #: 7037-6MXLUE

Application Year: 2006
Issue Date: 3/18/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.
Geographic Township of Gloucester Ottawa ON*

Database:
[CA](#)

Certificate #: 8040-7NVLD3
Application Year: 2009
Issue Date: 2/11/2009
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Rideau Carleton Raceway Holdings Limited
Earl Armstrong Road, High Road, and Canyon Walk Drive Ottawa ON*

Database:
[CA](#)

Certificate #: 8720-6H XK59
Application Year: 2005
Issue Date: 11/10/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.
Ottawa ON*

Database:
[CA](#)

Certificate #: 8169-8G5KMV
Application Year: 2011
Issue Date: 5/5/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.
Geographic Township of Gloucester Ottawa ON*

Database:
[CA](#)

Certificate #: 9979-7PCKHF
Application Year: 2009
Issue Date: 3/18/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

Database:
[CA](#)

Certificate #: 8618-4NANFM
Application Year: 00
Issue Date: 8/17/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Amended CofA
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: Ottawa
Client Postal Code: K1G 2H5
Project Description: Construction of sanitary sewer on River Road from pumping station (approx. 1800 m north of Armstrong Road) to temporary entrance to Riverside South Community (approx. 750 m north of Armstrong Road), temporary Entrance Easement. Construction of storm and sanitary sewers on Shoreline Drive, Wildshore Crescent, Walkway Easement, Commercial Block, and Puffin Court
Contaminants:
Emission Control:

Site: *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

Database:
[CA](#)

Certificate #: 5220-4L9R6L
Application Year: 00
Issue Date: 6/15/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Construction of Watermain on Cirrus Way from Sandy Forest Place to Giant Cedars Crescent.
Contaminants:
Emission Control:

Site: *Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON*

Database:
[CA](#)

Certificate #: 1056-4NANMY
Application Year: 00
Issue Date: 8/17/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: Amended CofA

Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Construction of watermain on River Road, Shoeline Drive, Wildshore Crescent, Walkway Easement, Commercial Block, and Puffin Court.
Contaminants:
Emission Control:

Site: Lot 20, Conc. 1 (Rideau Front), City of Gloucester Ottawa ON **Database:** CA
Certificate #: 2227-4L9R22
Application Year: 00
Issue Date: 6/15/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: Ottawa
Client Postal Code: K1G 2H5
Project Description: Storm and Sanitary sewers to be constructed on Cirrus Way from Sandy Forest Place to Giant Cedars Crescent.
Contaminants:
Emission Control:

Site: Riverside South Development Corp. Ottawa ON **Database:** CA
Certificate #: 7653-8EJM3S
Application Year: 2011
Issue Date: 3/7/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON LOTS 20-23, CONCESSION 1 OTTAWA CITY ON **Database:** CA
Certificate #: 3-1503-94-
Application Year: 94
Issue Date: 12/23/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Riverside South Development Corporation (RSDC) ON **Database:** EBR

EBR Registry No: 012-7921
Ministry Ref No: MNRF INST 49/16
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 13, 2017
Proposal Date: June 14, 2016
Year: 2016
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
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: Riverside South Development Corporation (RSDC)
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2193 Arch Street, Ottawa Ontario, Canada K1G 3H5
Comment Period:
URL:

Site Location Details:

Part of Lots 21 - 23, Concession 1 (Rideau Front) of the Geographic Township of Gloucester. RSDC Phase 13 includes approximately 49 hectares located east of Spratt Road and south of Earl Armstrong Road in southeastern Ottawa, Ontario. CITY OF OTTAWA

Site: **Riverside South Development Corp.**
Part of 20,21,22 Broken Front (Rideau Front) Ottawa ON K1G 2H5

Database:
ECA

Approval No: 5999-8VMJ2D
Approval Date: 2012-06-26
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: Riverside South Development Corp.
Address: Part of 20,21,22 Broken Front (Rideau Front)
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5854-8UZQVD-14.pdf>
PDF Site Location:

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

Site: **Riverside South Development Corp.**
Ottawa ON K1G 2H5

Database:
ECA

Approval No: 0166-ACPSEZ
Approval Date: 2016-08-23
Status: Revoked and/or Replaced
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: Riverside South Development Corp.
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3244-A6CPHG-14.pdf>
PDF Site Location:

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

Site: **City of Ottawa**
Earl Armstrong Rd Ottawa ON K1P 1J1

Database:
ECA

Approval No: 2826-7UPNU6
Approval Date: 2009-08-10
MOE District:
City:

Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Earl Armstrong Rd
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5476-7UMQKX-14.pdf>
PDF Site Location:

Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **City of Ottawa**
Earl Armstrong Rd River Road to Limebank Road Ottawa ON K1P 1J1

Database:
ECA

Approval No: 9430-7V8P7B
Approval Date: 2009-09-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: City of Ottawa
Address: Earl Armstrong Rd River Road to Limebank Road
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3848-7SNPR4-14.pdf>
PDF Site Location:

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

Site: **lot 21 con 1 ON**

Database:
WWIS

Well ID: 1531407
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220943
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/18/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052941
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/27/2000
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM

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

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 931078402
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078403
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078404
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078401
Layer: 1
Color: 6
General Color: BROWN

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933116576
Layer: 1
Plug From: 40.0
Plug To: 0.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961531407
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601511
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092629
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092628
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531407
Pump Set At:
Static Level: 32.0

Final Level After Pumping: 75.0
Recommended Pump Depth: 125.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934113555
Test Type: Draw Down
Test Duration: 15
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396059
Test Type: Draw Down
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914441
Test Type: Draw Down
Test Duration: 60
Test Level: 145.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934657550
Test Type: Draw Down
Test Duration: 45
Test Level: 125.0
Test Level UOM: ft

Water Details

Water ID: 933491849
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 142.0
Water Found Depth UOM: ft

Water Details

Water ID: 933491848
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 69.0
Water Found Depth UOM: ft

Site:

con 1 ON

Database:
WWIS

Well ID: 1529330
Construction Date:
Use 1st: Commerical
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 169507
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/14/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050866
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/06/1996
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: 931072413
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933114303
Layer: 2
Plug From: 2.0

Plug To: 17.0
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933114302
Layer: 1
Plug From: 0.0
Plug To: 2.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961529330
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 10599436
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088795
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 17.0
Casing Diameter: 36.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326678
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 36.0

Water Details

Water ID: 933489269
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 6.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 1501587
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 Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/06/1947
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3566
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10023630
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/15/1946
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: 930992252
Layer: 2
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 167.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992251
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501587
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572200
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040106
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 92.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040107
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 167.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991501587
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 30.0
Recommended Pump Depth:
Pumping Rate: 30.0
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: 2
Pumping Duration MIN: 0

Flowing: No

Water Details

Water ID: 933454305
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth:
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
[WWIS](#)

Well ID: 1534331
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 257423
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/05/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097381
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/25/2003
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

Method of Construction & Well Use

Method Construction ID: 961534331
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101096

Casing No: 1
Comment:
Alt Name:

Site: lot 22 ON **Database:** WWIS

Well ID:	7416410	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	04/06/2022
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z363831	Contractor:	7659
Tag:	A298367	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	022
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	JG
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	1009017421	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	447178.00
Code OB Desc:		North83:	5024579.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/26/2021	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:			

Site: lot 22 ON **Database:** WWIS

Well ID:	7416411	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	04/06/2022
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z363834	Contractor:	7659
Tag:	A298367	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	022
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	JG
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	

Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

UTM Reliability:

Bore Hole Information

Bore Hole ID:	1009017424	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	447310.00
Code OB Desc:		North83:	5024502.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/26/2021	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:			

Site:
con 1 ON

Database:
WWIS

Well ID:	1519865	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/16/1985
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	
Depth to Bedrock:		Concession:	01
Well Depth:		Concession Name:	RF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10041718	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/01/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
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:			

Overburden and Bedrock
Materials Interval

Formation ID: 931042996
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: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931042998
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931042997
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Mat2 Desc: SANDY
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 5.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961519865
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590288
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072831
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072830
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 62.0
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: 991519865
Pump Set At:
Static Level: 25.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 50.0
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: 934655014
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384474
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895214

Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109742
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933476954
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
lot 22 ON

Database:
WWIS

Well ID:	1521468	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/06/1987
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	04608	Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	022
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:	GLOUCESTER TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10043290	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	04/30/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
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:			

Overburden and Bedrock
Materials Interval

Formation ID: 931048158
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 56.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048157
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048156
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 35.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931048155
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 35.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931048154
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961521468
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591860
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075597
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075598
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125.0
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: 991521468
Pump Set At:
Static Level: 15.0

Final Level After Pumping: 35.0
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: 934651778
Test Type: Draw Down
Test Duration: 45
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908869
Test Type: Draw Down
Test Duration: 60
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106534
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390634
Test Type: Draw Down
Test Duration: 30
Test Level: 35.0
Test Level UOM: ft

Water Details

Water ID: 933479044
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 122.0
Water Found Depth UOM: ft

Site: lot 20 ON

Database:
WWIS

Well ID: 1522704
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/31/1988
Selected Flag: TRUE

Casing Material:
Audit No: 44190
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044514
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/23/1988
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: 931052340
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931052337
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0

Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931052338
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: 40.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931052339
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933110013
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961522704
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10593084
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077847
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991522704
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934905070
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111033
Test Type:
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386877
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656253
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933480697
Layer: 1

Kind Code: 1
Kind: FRESH
Water Found Depth: 58.0
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1524118
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 56437
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/26/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045890
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/04/1989
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: 931056920
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 26.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931056919
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524118
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594460
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930080334
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.0
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: 991524118
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934652478
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107699
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934910098
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391928
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933482660
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56.0
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1524120
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56440
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/26/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10045892	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/04/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
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:			

Overburden and Bedrock
Materials Interval

Formation ID:	931056923
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931056924
Layer:	2
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:	63.0
Formation End Depth UOM:	ft

Method of Construction & Well
Use

Method Construction ID:	961524120
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10594462
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID: 930080338
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930080337
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 30.0
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: 991524120
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934107701
Test Type:
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391930
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934652480
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934910100
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933482662
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.0
Water Found Depth UOM: ft

Site:
lot 20 ON

Database:
WWIS

Well ID: 1525335
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 79910
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/28/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2348
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047073
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/06/1990
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931060812
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060811
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060814
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931060813
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0

Formation End Depth: 48.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525335
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10595643
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082418
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48.0
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: 991525335
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 43.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934648114
Test Type:
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387571
Test Type:
Test Duration: 30
Test Level: 50.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111746
Test Type:
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905293
Test Type:
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933484296
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
[WWIS](#)

Well ID: 1525673
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 68558
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/21/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047408
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02/27/1991
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:

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

Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 931061985
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 32.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931061986
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 103.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931061984
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 32.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525673
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595978
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082983
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082984
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103.0
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: 991525673
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 55.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934906425
Test Type:
Test Duration: 60
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388707
Test Type:
Test Duration: 30
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105048
Test Type:
Test Duration: 15
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649245
Test Type:
Test Duration: 45
Test Level: 55.0
Test Level UOM: ft

Water Details

Water ID: 933484725
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 98.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484724
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:

lot 22 ON

Database:
WWIS

Well ID: 1527659
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 116662
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/25/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049286
DP2BR:
Spatial Status:
Elevation:
Elevrc:
Zone: 18

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/27/1993
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:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931067347
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 24.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931067346
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933112609
Layer: 1
Plug From: 0.0
Plug To: 23.0
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961527659
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10597856
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086095
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991527659
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 50.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934655860
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386113
Test Type: Draw Down
Test Duration: 30
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904231
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111297
Test Type: Draw Down
Test Duration: 15
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933487180
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
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](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Mar 2024

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 - Mar 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

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

Government Publication Date: Oct 2023

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-Mar 31, 2024

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 - Mar 31, 2024

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-Mar 31, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Dec 31, 2023

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022**List of Expired Fuels Safety Facilities:**

Provincial

EXP

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

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

Government Publication Date: Oct 2023**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-Mar 2024**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

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

Government Publication Date: Oct 31, 2021**Fuel Storage Tank:**

Provincial

FST

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

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

Government Publication Date: Oct 2023

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 2021

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: 31 Oct, 2023

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 31, 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 2024

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, 2022

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-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

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

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

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

Government Publication Date: 1988-Feb 29, 2024**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994 - Mar 31, 2024

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-Mar 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

[RSC](#)

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2024

Retail Fuel Storage Tanks:

Private

[RST](#)

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

Government Publication Date: 1999-Oct 31, 2023

Scott's Manufacturing Directory:

Private

[SCT](#)

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

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

Government Publication Date: 1988-Jan 2023; Mar 2023-Dec 2023

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Mar 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

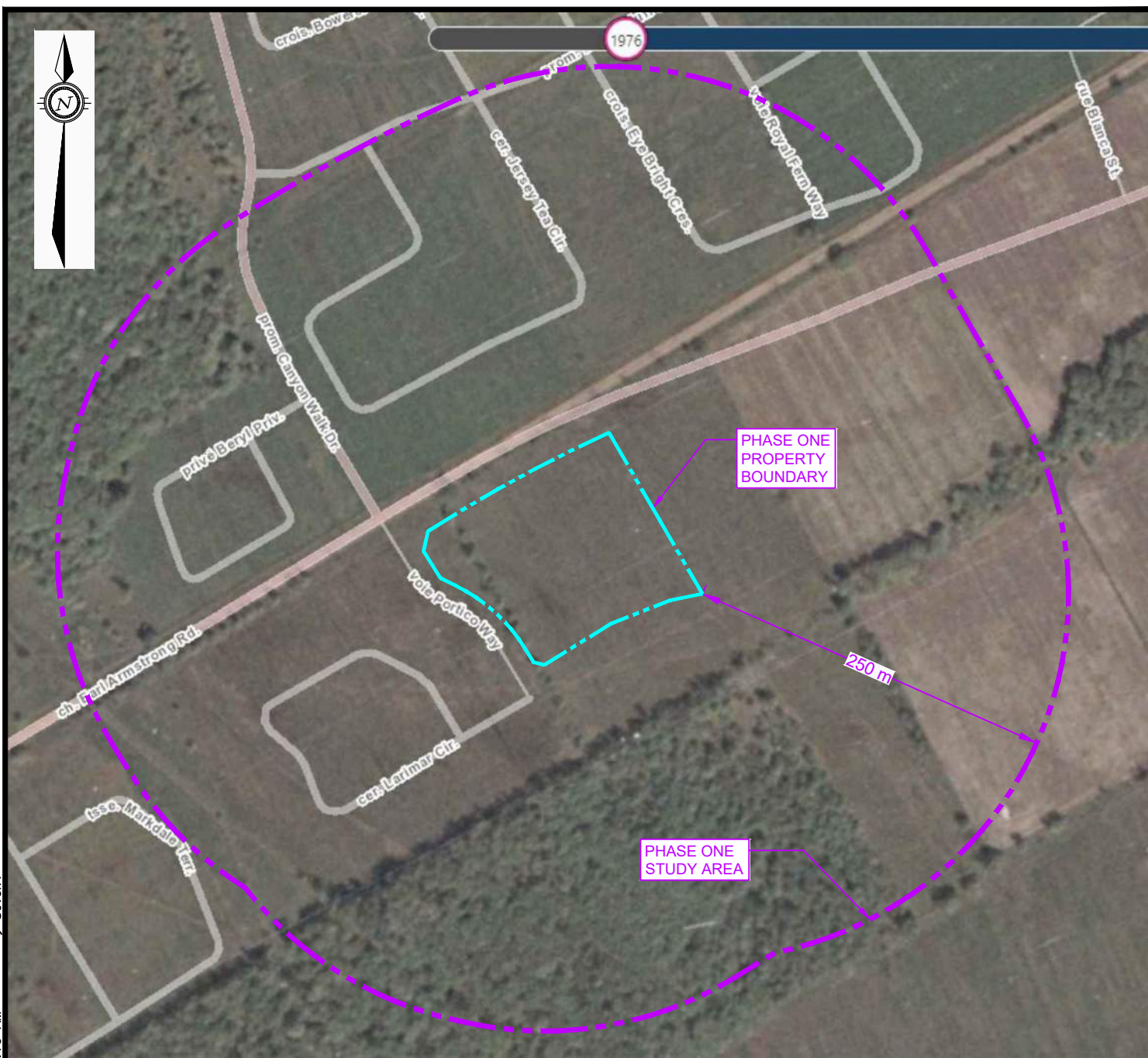
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

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



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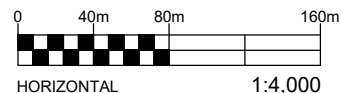
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Phase One Environmental Site Assessment/Assessment of Past Uses
980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
June 12, 2024

Appendix E: Aerial Photographs



LEGEND

-  PROPERTY BOUNDARY
 STUDY AREA (250m)



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2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada



DATE JUNE 2024		CLIENT: EXTENDICARE		project no. OTT-24005069-A0
DESIGN DC		CHECKED DC		scale 1:4,000
PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT				
DRAWN BY AS		TITLE: 1976 AERIAL PHOTOGRAPH		FIG F-1

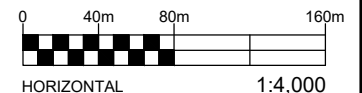
Filename: E:\OTT-24005069-A0\60_Execution\65_Drawings\Environmental\OTT-24005069-A0_Ph-1_980-Earl-Armstrong-Rd.dwg
Last Saved: Jun 7, 2024 11:14 AM
Last Plotted: Jun 7, 2024 11:16 AM
Plotted by: Severa



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

LEGEND

-  PROPERTY BOUNDARY
-  STUDY AREA (250m)

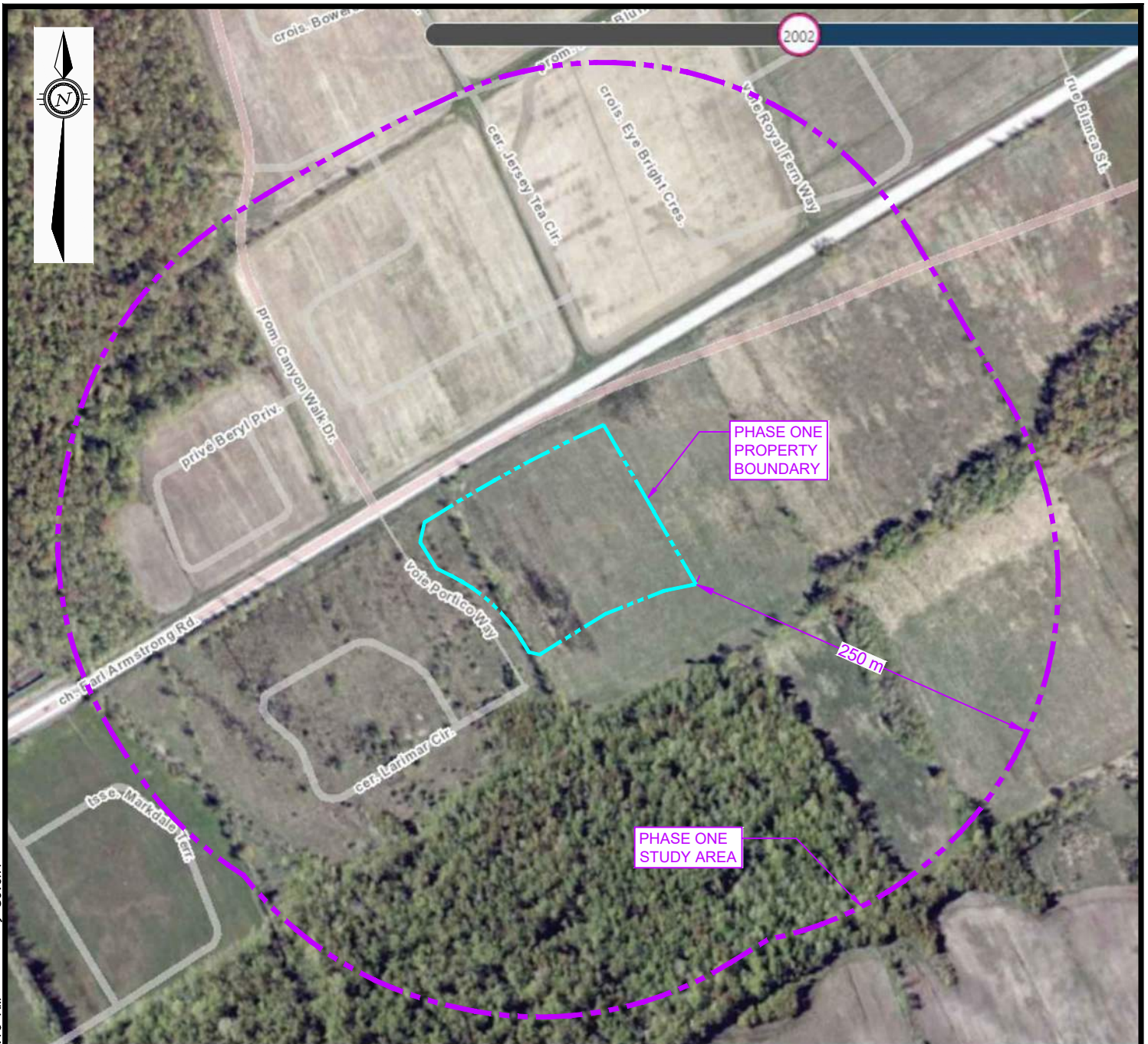


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DATE JUNE 2024		CLIENT: EXTENDICARE	project no. OTT-24005069-A0
DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
		TITLE: 1991 AERIAL PHOTOGRAPH	FIG F-2

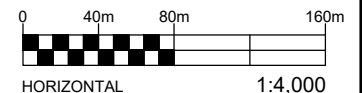
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Lost Plotted: Jun 7, 2024 11:16 AM
Plotted by: Severa



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

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)

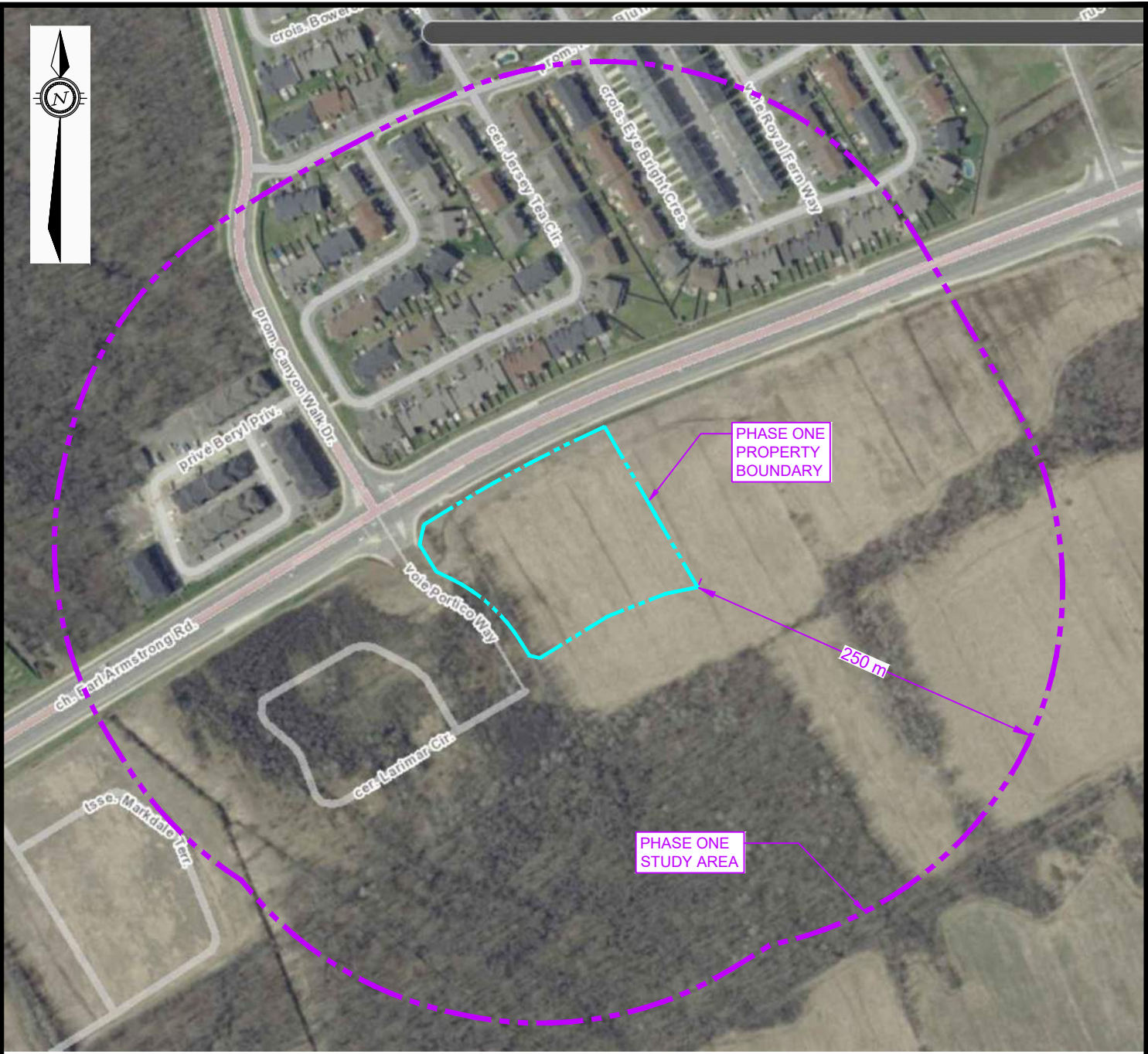


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DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
		TITLE: 2002 AERIAL PHOTOGRAPH	FIG F-3

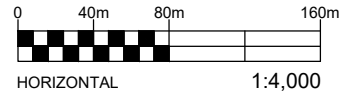
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LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)

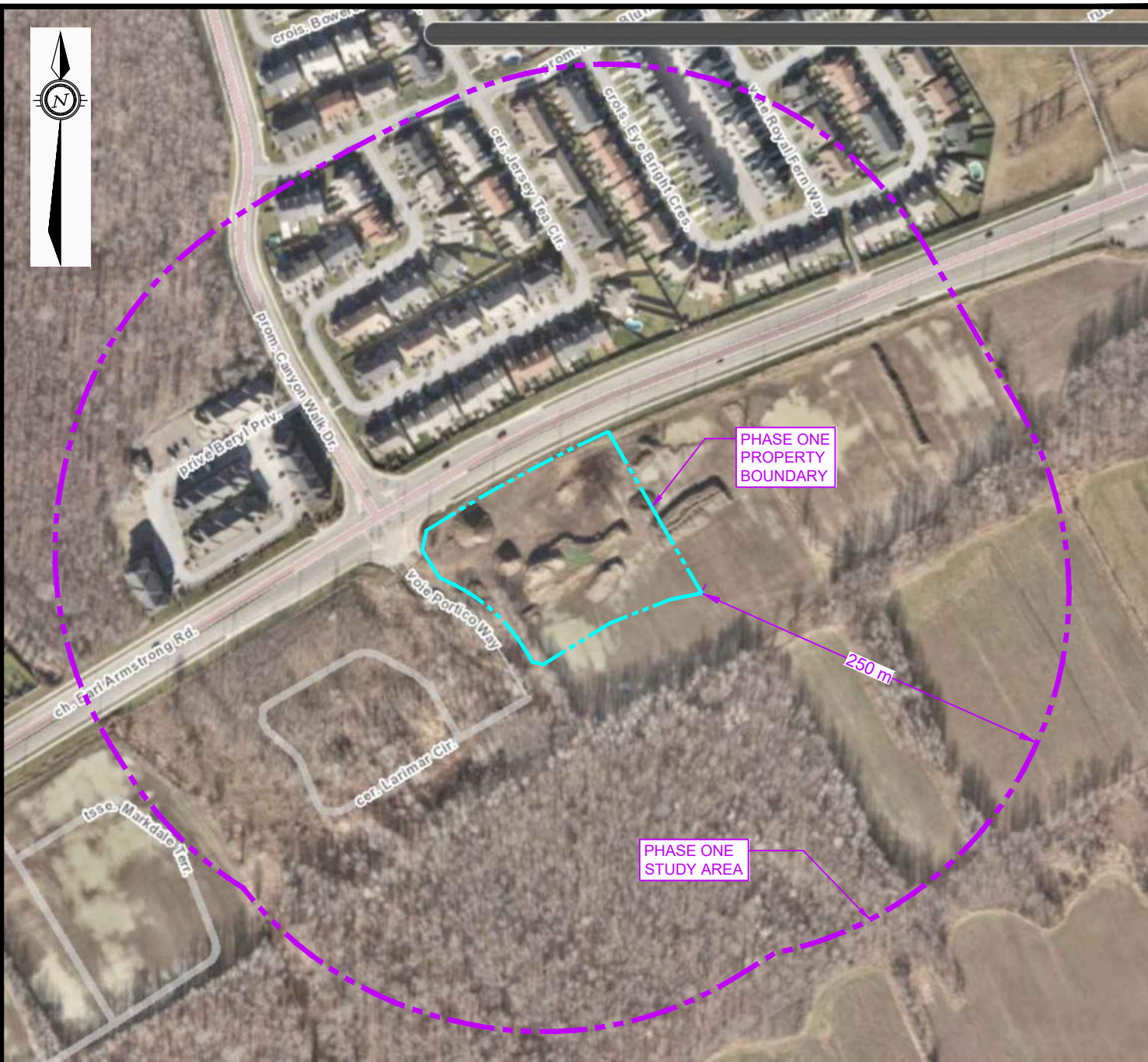


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DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	FIG F-4
TITLE: 2014 AERIAL PHOTOGRAPH			

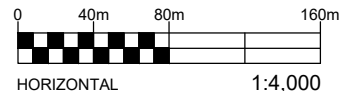
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Last Saved: Jun 7, 2024 11:14 AM
Last Plotted: Jun 7, 2024 11:18 AM
Plotted by: Severa



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

LEGEND

-  PROPERTY BOUNDARY
-  STUDY AREA (250m)

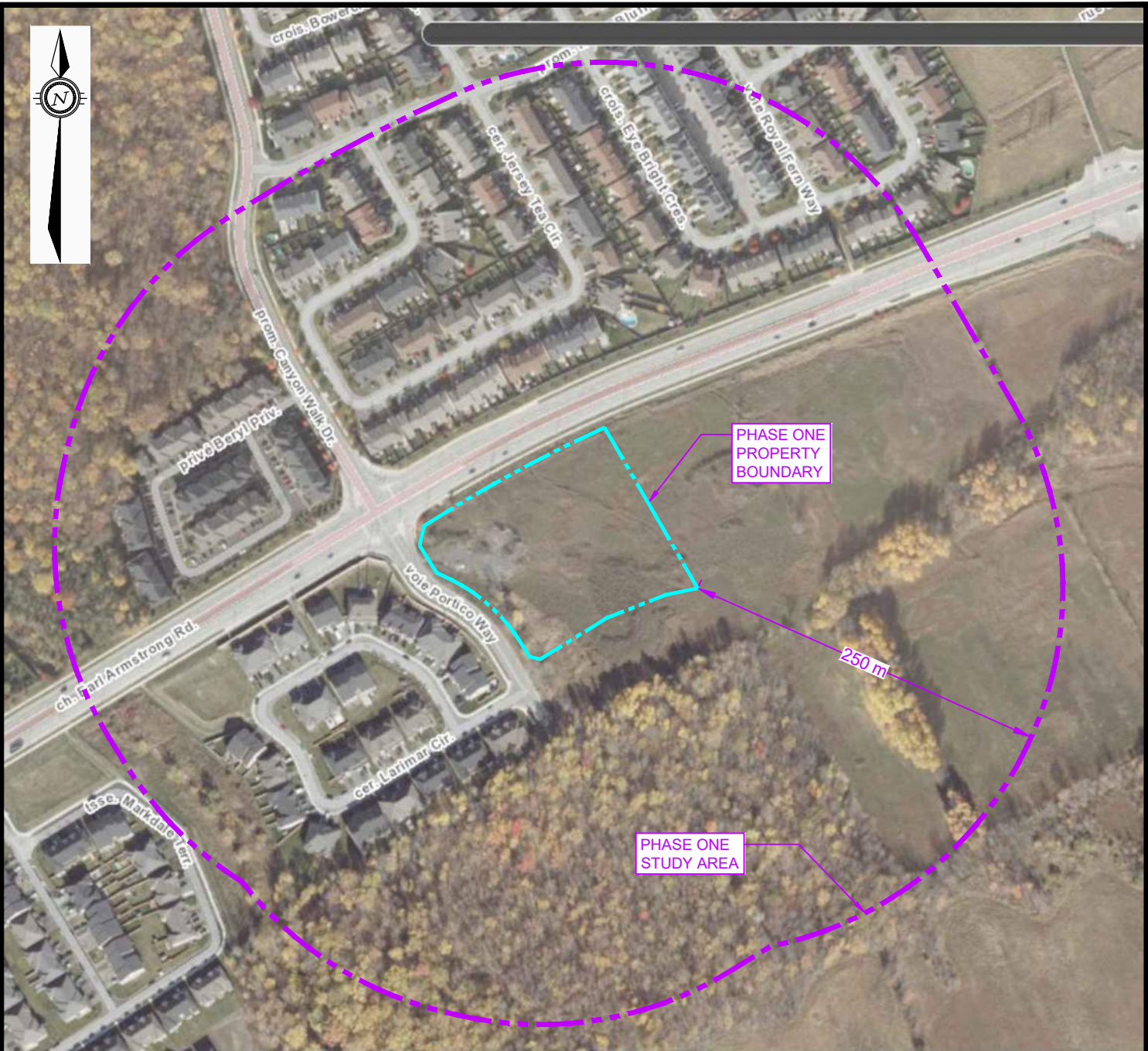


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DATE JUNE 2024		CLIENT: EXTENDICARE	project no. OTT-24005069-A0
DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT		TITLE: 2015 AERIAL PHOTOGRAPH	FIG F-5
DRAWN BY AS			

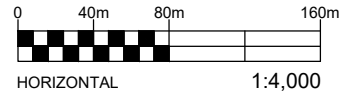
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DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	FIG F-6
TITLE: 2019 AERIAL PHOTOGRAPH			

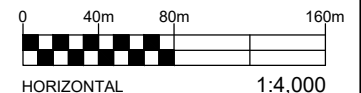
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Last Saved: Jun 7, 2024 11:14 AM
Lost Plotted: Jun 7, 2024 11:18 AM
Plotted by: Severa



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

LEGEND

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DATE JUNE 2024		CLIENT: EXTENDICARE	project no. OTT-24005069-A0
DESIGN DC	CHECKED DC	PROPERTY ADDRESS: 980 EARL ARMSTRONG ROAD, OTTAWA, ONTARIO	scale 1:4,000
DRAWN BY AS		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
		TITLE: 2022 AERIAL PHOTOGRAPH	FIG F-7

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OTT-24005069-A0
June 12, 2024*

Appendix F: Site Photographs

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980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
June 12, 2024*



Photograph No. 1

View of the Phase One property from Earl Armstrong Road, facing south.



Photograph No. 2

View of the Portico Way and the residential development west of the Phase One property, facing west.

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OTT-24005069-A0
June 12, 2024*



Photograph No. 3

View of the adjacent property south of the Phase One property, facing south.



Photograph No. 4

View of the adjacent property east of the Phase One property, facing east.

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Photograph No. 5

View of Earl Armstrong Road and the residential development north of the Phase One property, facing north.



Photograph No. 6

View of small stockpile on the western portion of the Phase One property.

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980 Earl Armstrong Road, Gloucester, Ontario
OTT-24005069-A0
June 12, 2024*



Photograph No. 7

View of small stockpile on the western portion of the Phase One property.



Photograph No. 8

View of debris observed on the western portion of the Phase One property.

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June 12, 2024*



Photograph No. 9

View of standing water in the southwestern portion of the Phase One property.



Photograph No. 10

View of drainage swale which runs along the eastern portion of the Phase One property.

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June 12, 2024*



Photograph No. 11

Telecommunication line down along the northern property boundary of the Phase One property.