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REPORT ON

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT
4401 FALLOWFIELD ROAD
CITY OF OTTAWA, ONTARIO**

Submitted to:

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451 Daly Avenue
Ottawa, ON
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1.0 EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment was carried out by Kollaard Associates Inc. for 2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited of Ottawa, Ontario. The subject site for this assessment consists of a property with civic address 4401 Fallowfield Road, Ottawa, Ontario (see Key Plan, Figure 1). The subject site has a total area of 3.4 hectares (8.4 acres) of land located on the south side of O'Keefe Court, about 385 metres west of the intersection of Strandherd Drive and Fallowfield Road in the City of Ottawa, Ontario. The site is currently undeveloped land. Past usage of the site is indicated to have been for agricultural purposes.

It is understood that the client is in the process of applying for a zoning bylaw amendment that would permit two additional uses at the site: Car Dealership and Animal Clinic. It is understood as part of the zoning bylaw amendment application, the Phase I ESA is required.

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

The Phase I ESA was based on a site reconnaissance visit carried out on July 22, 2024, together with a review of available geological, topographical, historical and environmental information for the site.

There are no service stations within 250 metres of the site.

There were no current or historical Potentially Contaminating Activities (PCAs) identified at the subject site.

There has been no previously developed use of the property, based on the results of this investigation. Past usage of the site is indicated to have been for agricultural purposes. There is no change in use that would trigger and RSC filing based on our understanding of Ontario Regulation 153/04.

There was some evidence of past filling within the west portion of the site. As part of a previous Phase I ESA and geotechnical investigation at the site, the fill materials were tested for contamination including PHCs, BTEX and metals. The results of that previous testing indicated no contamination within the samples tested. Additional fill piles observed at the site are documented to originate from the stormpond excavation on an adjacent land parcel that was added in about 2019. Accordingly, the fill materials are not considered to be a concern.

Based on the results of this study no major issues of environmental concern were identified with respect to subsurface soil and/or groundwater quality and no further investigation is considered warranted at this time.

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



2.0 INTRODUCTION

2.1 PROPERTY INFORMATION

The subject site for this assessment consists of a property with civic address 4401 Fallowfield Road, Ottawa, Ontario (see Key Plan, Figure 1). The subject site has a total area of 3.4 hectares (8.4 acres) of land located on the south side of O'Keefe Court, about 385 metres west of the intersection of Strandherd Drive and Fallowfield Road in the City of Ottawa, Ontario. The site is currently undeveloped land.

For the purposes of this assessment, project north is considered to be perpendicular to Fallowfield Road located south of the site (see Key Plan, Figure 1).

Kollaard Associates Inc. carried out this Phase I Environmental Site Assessment for 2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited for the purpose of a development application zoning by-law amendment with the City of Ottawa. There has been no previously developed use of the property, based on the results of this investigation. Past usage of the site is indicated to have been for agricultural purposes. As such, there is no change of use or previous use for which a Record of Site Condition could be required under Ontario Regulation 153/04.

The site is currently undeveloped. A storm management pond exists southeast of the site. It is understood that the storm management pond was added in about 2019. Surrounding land use is currently recreational, woodland and commercial development. The site is bordered by ON416 onramp and Fallowfield Road to the south, Highway 416 to the west, O'Keefe Court to the north and a mixture of undeveloped land and the stormwater management pond to the southeast. A recreational park (baseball and soccer fields) is located beyond O'Keefe Court to the north of the site.

The local topography is mostly flat lying with a gentle slope from north to south across the site toward the rear of the property.

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



- Parts 9 & 10, Plan 4R7852, except Parts 6, 7, 8, 9, 10, 11 and 12, Plan 4R8856, Except Parts 4 and 5, Plan 4R20404 and except 4M1634, Subject to an easement as in LT754391, Subject to an easement in gross as in OC2121240, Part of Lot 20, Concession 4 (Rideau Front), Township of Nepean, City of Ottawa, Ontario, PIN 04467-1977 (LT).

2.2 OBJECTIVES

The primary objective of this Phase I ESA is to document the site conditions on the day of a walk-through site reconnaissance and, if possible, to identify former and current operations or practices that may present potential environmental risks. The study is based on current and historical information and observations of site conditions during a site reconnaissance visit conducted on July 22, 2024. The general objectives of the Phase I Environmental Site assessment, as outlined in Ontario Regulation 153/04, include the following:

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

3.0 SCOPE OF WORK

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

This level of work is a method of risk reduction, not risk elimination. No building materials, liquid, gas, or chemical product sampling and/or testing on or in the vicinity of the subject site were carried



out as part of this assessment. This assessment included only a cursory overview of the present neighbouring land uses and does not constitute a complete assessment of the adjacent facilities.

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

- a review of available current and historical information about the site and surrounding properties within 250 metres of the site
- observations of site conditions during a site reconnaissance visit
- review and evaluate the information from the above noted information sources
- document the findings in a report

4.0 RECORDS REVIEW

4.1 GENERAL

4.1.1 PHASE ONE STUDY AREA DETERMINATION

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

4.1.2 FIRST DEVELOPED USE DETERMINATION

The first developed use of the property was determined based on a review of aerial photographs and the title search for the site (Section 4.3.1). The earliest air photograph that was reviewed was 1965. At that time, the site and neighbouring areas are mostly farmland. The 1991 air photo indicates nearby sites have been developed into recreational lands (baseball and soccer fields). The site remains undeveloped and has become partially treed. In 1999, a series of roadways have been added, however, the property remains undeveloped. Over time, the site has become increasingly overgrown.



4.1.3 FIRE INSURANCE PLANS

Due to the lack of historical industrial and commercial development within the Phase I Study area, no request was made for Fire insurance plans.

4.1.4 CHAIN OF TITLE

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

- Parts 9 & 10, Plan 4R7852, except Parts 6, 7, 8, 9, 10, 11 and 12, Plan 4R8856, Except Parts 4 and 5, Plan 4R20404 and except 4M1634, Subject to an easement as in LT754391, Subject to an easement in gross as in OC2121240, Part of Lot 20, Concession 4 (Rideau Front), Township of Nepean, City of Ottawa, Ontario, PIN 04467-1977 (LT).

A chain of title for this site (see Attachment A) was provided by Domsons Title Search Inc. Based on a review of information obtained from that title search, the property is indicated to have been owned by individuals and 383932 Ontario Limited, 2116885 Ontario Inc. The current owner is listed as 2116885 Ontario Inc. – 50% ownership and DCR/Phoenix Development Corporation Limited – 50% ownership.

4.1.5 ENVIRONMENTAL REPORTS

A report entitled Phase I Environmental Site Assessment, Part of Lot 20, Concession 4, Rideau Front, Nepean Ward, City of Ottawa, Project Number 060674, dated October 6, 2006 for DCR/Phoenix Development Corporation was completed by Kollaard Associates Inc. The subject site for that assessment consisted of about a 10 hectare (24.7 acre), triangular shaped property that included the lands for this assessment. That report indicated the possible presence of pesticides and herbicides from the previous agricultural use of the site and the possible presence of contaminants within the fill materials previously imported onto the site. Based on the presence of fill material observed at the site during the preliminary subsurface investigation, the owner at the time (Phoenix Homes) requested that three



previously obtained samples of fill materials at the site be submitted for laboratory testing for total petroleum hydrocarbon (TPH Fractions F1 to F4), BTEX and Decommissioning Guidelines testing. The results of the laboratory testing indicated that the three soil samples tested met the Ontario Ministry of the Environment and Energy (MOEE) verification and compliance requirements for that time. As such, the report indicated that no major environmental concerns were identified and no further investigation was considered required.

4.1.6 PROPERTY USE RECORDS

There are no property use records as the site is in an undeveloped condition and no historical development. The City of Ottawa Website was reviewed for the zoning designation of the subject site. The City of Ottawa website indicates that the site is currently zoned IP[2265] H(24), (36) and (48)- Business Park Industrial Zone according to the City of Ottawa Zoning By-law 2008-250 Consolidation. This zoning accommodates mixed office, office-type uses and low impact, light industrial uses in a business park setting, in accordance with the Enterprise Area designations of the Official Plan or, the Employment Area of the General Urban Area designation where applicable. In addition, the zoning allows a variety of complementary uses such as recreational, health and fitness uses and service commercial (e.g. convenience store personal service business, restaurant, automobile service station and gas bar), occupying small sites as individual occupancies or in groupings as part of a small plaza, to serve the employees of the Enterprise, Employment or General Urban Area, the general public in the immediate vicinity, and passing traffic.

The available zoning information is provided herein (Attachment G).

The earliest air photograph that was reviewed was 1965. At that time, the site and neighbouring areas are mostly farmland.

A search of the environmental databases (Section 4.2.2) indicates two records were found for the subject property. An Environmental Compliance Approval (ECA) was approved for the site in 2018 for municipal and private sewage works under the business 2116885 Ontario Inc. An ERIS historical search was completed in December 2018 for the site.



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

4.2 ENVIRONMENTAL SOURCE INFORMATION

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

Municipal and Provincial Government Sources

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

Environmental Databases

- Ecolog ERIS – Environmental Risk Information Services Standard Report

4.2.1 MUNICIPAL AND PROVINCIAL GOVERNMENT SOURCES

City of Ottawa

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

Historical Land Use Inventory

The City of Ottawa was contacted to conduct a search of all environmental databases, including Historical Land Use Inventory (HLUI) and any information pertaining to the



environmental condition of the property and adjoining areas including, but not limited to, past environmental reports, orders, violations of environmental statutes, regulations or by-laws, certificates, approvals, permits and any other environmental information.

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

Pits and Quarries

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

Large and Small Landfills

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

Online MECP Well Records

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

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

Federal Contaminated Sites Inventory

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



4.2.2 ENVIRONMENTAL DATABASES

ECOLOG ERIS – Environmental Risk Information Services Standard Report

A review of information provided by Ecolog ERIS – Environmental Risk Information Services (see Attachment E) was carried out as part of this Phase I ESA. Based on that review, two records were identified in the databases searched for the project property.

In the Environmental Compliance Approval database (ECA), an ECA was approved for the site in 2018 for municipal and private sewage works under the business 2116885 Ontario Inc.

In the ERIS historical search (EHS), one record was found for the site that was completed in December 2018.

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

In the boreholes (BORE) database, four boreholes were identified at 185, 204, 207 and 243 metres from the site. The records identify the boreholes were put down as part of a geotechnical assessment.

In the Environmental Compliance Approval Database, an ECA was approved at Lots 20 and 21, Concession 4 for the City of Ottawa at a location 218.5 metres east/southeast of the site.

In the ERIS historical search (EHS), one record was found for 140 Lusk Street, 248.2 metres east/northeast of the site.

In the Water Well Information System Summary, 8 records were identified within 250 metres of the site. The wells were identified at 211, 214 and 243 metres from the subject site.

No other significant environmental concerns are listed in the Environmental Risk Information Services Standard Report. None of the above noted activities noted in the available databases indicate any PCAs within the Phase I Study Area.



4.3 PHYSICAL SETTING SOURCES

4.3.1 AERIAL PHOTOGRAPHS

A review of air photographs of the site for the years 1965, 1976, 1991, 1999, 2005, 2011, 2015, 2019 and 2022 was carried out as part of this Phase I ESA (Attachment C). The aerial photographs were obtained from the City of Ottawa website and National Air Photo Library. The following table is a summary of the air photograph review:

Date	Observations
1965	The site is mostly farmland. Some scattered trees are located in the west portion of the site. A ditch is located near the center of the site. A small pond is located in the east center portion of the site. Surrounding area is mostly farmland or fallow land. There is a quarry located northwest of the roadway at the site. A single family dwelling is located west of the site.
1976	There are no changes to the subject site or adjacent properties. Site and area remains mostly farmland. Poor quality air photograph. No significant changes are evident on the subject site. Other residential development has been constructed over time around the site.
1991	Additional trees are present in the west and south central portions of the site. No other significant changes are evident on the subject site. Adjacent quarry northwest of the site remains. A baseball diamond and parking area have been constructed north of the site. No other significant changes are evident on the subject site or adjacent properties.
1999	West portion of site has become heavily treed. Pond and ditching near center of site are no longer visible. Fill has been added throughout the site and filled the pond and ditch. A trail exists through the trees located in the west portion. A municipal ditch is now located east of the site. No other significant changes are evident at the subject site. The quarry located northwest of the site has become mostly filled. Highway 416 has been constructed through part of the former quarry. Some residential development has been constructed northeast of the site. Soccer fields have been added north of the baseball diamond located north of the site. Fallowfield Road has been constructed south of the site. Properties to east and south remain undeveloped. No other significant changes to adjacent properties has occurred.
2005	Treed area has densified in the west portion of the site. The surface of the previously filled areas has become grassed surfaced over time. No other significant changes are evident on the subject site or adjacent properties.
2011	No significant changes are evident on the subject site. The former quarry



	located northwest of the site has become overgrown over time. No other significant changes are evident on adjacent properties.
2015	No significant changes are evident on the subject site or adjacent properties.
2019	Fill piles onsite coincide with the excavation and construction of a stormwater pond on the adjacent property to the southeast. Some residential and commercial development have occurred east and southeast of the site. No other significant changes are evident on the subject site or adjacent properties.
2022	Some of the areas previously filled observed in the 2019 air photo have become overgrown over time. A paved access to the stormwater pond from the east is visible. Water has filled the stormwater pond. An additional building has been constructed south/southeast of the site. No other significant changes are evident on the subject site or adjacent properties.

4.3.2 TOPOGRAPHY, HYDROLOGY AND GEOLOGY

Topography and Hydrology

From the east, the local topography is mostly flat lying with a gentle slope from east to west across the site. For the most part, the site consists of open grassed fields with scattered trees and shrubs. The site is tree covered in the western most portion of the site.

It is expected that the upper groundwater flow is to the south based on a review of topographical maps and observations of flow within the large ditch near the east side of the site.

The regional topography slopes south to the Jock River located about 2.7 kilometres south of the subject site. The Jock River outlets to the Rideau River located approximately 6.7 kilometres east of the subject site (Attachment B).

Surficial and Bedrock Geology

Based on a review of the surficial geology map for the site area, it is expected that the site is underlain partially by glacial till deposits and marine deposited sensitive silty clay over glacial till. Bedrock geology maps indicate that the site is underlain by dolomite and limestone of the Oxford Formation.



Based on a review of overburden thickness mapping for the site area, the overburden is estimated to be between about 0.3 to 2.7 metres in thickness above bedrock.

Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. It is expected that the upper groundwater flow is to the south based on a review of topographical maps and observations of flow within the large ditch near the east side of the site.

The regional topography slopes south to the Jock River located about 2.7 kilometres south of the subject site. The Jock River outlets to the Rideau River located approximately 6.7 kilometres east of the subject site (Attachment B).

4.3.3 FILL MATERIALS

The presence of fill materials has been previously documented on the subject site.

In 2006, fill was noted during the previous Phase I ESA and geotechnical report. Based on the potential for subsurface contamination to exist within the fill materials observed at the site, Phoenix Homes instructed Kollaard Associates to submit samples of some of the fill material obtained during the subsurface investigation were submitted to Accutest Laboratories in Ottawa, Ontario, for total petroleum hydrocarbons (Fractions F1 to F4), BTEX and MOE Decommissioning Guidelines testing in 2006.

The results of the laboratory testing indicated that the soil samples tested met the Ontario Ministry of the Environment and Energy (MOEE) verification and compliance requirements for that time.

Since 2006, a review of the 2019 air photograph indicates additional fill materials were observed to have been deposited at the site. The 2019 aerial photograph indicates fill was excavated from the adjacent stormwater management pond. Additionally, the current owners of the site indicated the fill materials observed in the air photograph originated from the excavation of the stormwater management pond located near the southeast corner of the site. Confirmation by email was provided by Mr. Craig Cantwell of Arcadis Ottawa that



the pond spoils were the source of the fill materials observed in the air photographs. The fill materials were indicated to consist of native silty clay and glacial till.

As the fill materials deposited at the site in or around 2019 are of known origin, Kollaard Associates does not consider the native pond spoils to be a concern from an environmental perspective.

Prior to and during future development preparations of the subject lands, any excess soils should be tested before being removed from the site as per O.Reg 406/19 requirements, if applicable.

4.3.4 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

There is a municipal ditch that is located east of the site. The ditch flows into a stormwater management pond located near the southeast corner of the site. The stormwater management pond was constructed in about 2019.

The regional topography slopes south to the Jock River located about 2.7 kilometres south of the subject site. The Jock River outlets to the Rideau River located approximately 6.7 kilometres east of the subject site

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

4.3.5 WELL RECORDS

A search on The Ministry of the Environment, Conservation and Parks website for Water Well Record Mapping was completed as part of this assessment. Six records were identified at the site, however, after a review of the records, none of the records were applicable to the subject site only to the Lot 20, Concession 4, in general. There were no drinking water wells records identified at the site within 250 metres of the subject site.



Other records identified within 250 metres of the site are indicated to be for boreholes or geotechnical and environmental purposes. The boreholes are indicated to range in depth from about 1.2 to 4.5 metres below existing ground surface.

5.0 INTERVIEWS

Based on an email discussion with the existing owners of the site, Mr. George Gaty (2116885 Ontario Inc.) and Mr. Michael Boucher (DCR Phoenix Development Corporation Limited), no development has existed at the site under their ownership. A storm management pond was constructed near the southeast corner of the site in about 2019. All fill materials from the excavation of the stormwater management pond were stockpiled at the site. It is understood that the intention is to develop the area with commercial and light industrial businesses.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

On July 22, 2024, a walk-through site reconnaissance was conducted at the subject property by a member of Kollaard Associates Professional staff. The uses of the site and adjacent properties within the Phase I ESA Study Area were assessed. Observations of adjacent properties were limited to views from the subject property and from publicly accessible areas.

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

Site photographs are provided (Attachment F).

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1 SITE DESCRIPTION

The following was observed:



- The site is currently undeveloped, vacant land. For the most part, the site consists of open grass fields with some scattered trees and shrubs. The site is more heavily treed in the west portion.
- A chain link fence is located along the south property line.
- Some fill piles are located in the west portion of the site and have become overgrown with grass.
- Two rock piles were observed in the center portion of the property. Similar rocks were observed to have been used as part of the landscaping for the stormwater management pond.
- Several concrete manholes and covers were observed near the north side of the site. It is understood that concrete manholes are extra pieces when constructing the stormwater management pond.
- A hotel (Hampton Inn Suites) is located to the east of the site.
- A stormwater management pond is located to the southeast of the site.
- A paved roadway is located immediately east of the site that provides access to the stormwater management pond.
- A ditch borders the east, south and north property lines.
- The site is bordered by Fallowfield Road to the south, Highway 416 to the west, O'Keefe Court to the north and a mixture of undeveloped land and the stormwater management pond to the southeast.
- A recreational park (baseball and soccer fields) is located beyond O'Keefe Court north of the site.
- No service stations exist in close proximity to the site.

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

6.2.2 SITE INFRASTRUCTURE

The following observations of the site were made.

Electricity

The site is vacant and unserviced. The area is serviced by Hydro Ottawa.



Heating and Cooling

A natural gas pipeline is located along O'Keefe Court, north of the site. The site is vacant and unserviced.

Water Supply

A municipal water supply system is located within O'Keefe Court. The site is currently unserviced.

Wastewater and Sewage Disposal

Sanitary and storm sewers lids were observed on the surface of the paved laneway that provides access to the stormwater management pond indicating buried infrastructure exist within the laneway leading up to the site. There are no sanitary or storm sewers at the site.

Sumps, Pits and Floor Drains

The site is undeveloped. As such, no floor drains exist.

6.2.3 BUILDING DESCRIPTION

The site is currently vacant.

6.2.4 POTENTIALLY CONTAMINATING ACTIVITY

Based on a review of information for the site, there is no previous developed use of the property and no current or historical PCAs were identified.

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

Based on information provided, there are no current and historical activities identified within 250 metres that could be considered "Potentially Contaminating Activities", as identified in Table 2 of Schedule D of O. Reg. 153/04.



6.2.5 MATERIALS HANDLING AND STORAGE

General Storage and Debris

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

Solid Waste

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

Hazardous Materials

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

6.2.6 DESIGNATED AND REGULATED SUBSTANCES

Polychlorinated Biphenyls (PCBs)

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

There are no buildings at the site. As such, there are no concerns with PCB containing equipment at the site.

Suspect Asbestos Containing Materials (ACM)

The common use of friable (breakable by hand) ACM in construction decreased in the mid 1970s. Buildings constructed prior to about 1985 may contain some ACM. Friable asbestos (friable is defined as a material that can be crumpled, powdered or pulverized by hand pressure) was widely used in sprayed fireproofing until 1973, and in decorative or finishing plasters, and thermal systems insulation until the early 1980's. Examples where ACM can



exist include floor, wall or ceiling tiles, heating/cooling pipes, pipe gaskets, roofing materials and insulation/non-combustible materials. The application of friable asbestos was banned by Ontario Regulation 654/85, which came into effect March 1985. On November 1, 2005, this regulation was most recently updated and changed to Ontario Regulation 278/05.

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

There are no buildings at the site. As such, there are no concerns with ACM containing equipment at the site.

Ozone- Depleting Substances (ODS)

Certain chemicals, recognized as ozone- depleting substances (ODS), break down in the stratosphere and release chlorine or bromine, which in turn destroy the stratospheric ozone layer. Most of these substances are also greenhouse gases. Ozone- depleting substances are used as foam blowing agents, solvents, fire extinguishers, and refrigerants for air conditioning and refrigeration applications. Under the Canadian Environmental Protection Act, 1999, Environment Canada administers the Ozone- Depleting Substances Regulations, 1998 and its subsequent amendments to reduce the use of these and other ODS. According to Environment Canada’s website, the target established by these regulations specifies a one hundred percent reduction in the use of HCFCs by the year 2030. As of January 1, 2010, no new manufacture or import of HCFC (R-22) containing equipment was allowed in Canada.

There are no concerns for ozone depleting substances at the site.

Lead

Lead is commonly associated with old pipes, pipe solder, and lead paint. In 1976, Canadian Regulations limited the amount of lead in interior paint to 0.5 percent by weight. Although



paints containing lead were banned from uses on exterior or interior surfaces of buildings, furniture or household products in the 1970s, various commercial paints (e.g., road paint) are still known to contain lead.

There are no concerns for lead containing materials at the site.

Urea Formaldehyde Foam Insulation (UFFI)

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

There are no concerns for UFFI containing materials at the site.

6.2.7 ABOVE AND UNDERGROUND STORAGE TANKS

No above ground fuel storage tanks were observed or expected at the site. Based on a review of the Ecolog ERIS report for the site and site area, no reports of any spills were documented for the site.

6.2.8 ADJACENT PROPERTIES

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

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

The site is bordered by the 416 onramp and Fallowfield Road to the south, Highway 416 to the west, O'Keefe Court to the north and a mixture of undeveloped land and the stormwater



management pond to the east and southeast. A recreational park (baseball and soccer fields) is located beyond O'Keefe Court to the north of the site.

6.2.9 Enhanced Investigation Property Observations

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

Based on the records review and site reconnaissance the site is not considered an Enhanced Investigation Property.

6.3 WRITTEN DESCRIPTION OF INVESTIGATION

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

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

The site is currently undeveloped, vacant land. For the most part, the site consists of open grass fields with some scattered trees and shrubs. The site is more heavily treed in the west portion.

Based on a review of historical aerial photographs, title search, historical maps, and other records review, no developed use of the property has occurred. The earliest air photograph that was reviewed was 1965. At that time, the site and neighbouring areas are mostly farmland. The 1991 air photo indicates nearby sites have been developed into recreational lands (baseball and soccer



fields). The site remained undeveloped and has become partially treed. In 1999, a series of roadways have been added nearby, however, the property remains undeveloped. Over time, the site has become increasingly overgrown.

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

Year	Owner	Property Use
1801-1979	Various individuals	Agricultural
1979 - 2019	383932 Ontario Limited, 2116885 Ontario Inc., 2116885 Ontario Inc. 50% & DCR/Phoenix Development Corporation Limited – 50%	Vacant

7.2 POTENTIALLY CONTAMINATING ACTIVITY

As per Ontario Regulation 153/04, a Potential Contaminating Activity (PCA) is defined as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D. From that list, no items were identified for the subject site. No records for waste generation or handling or Scott's Manufacturing directory and other database search requests were found for the subject site (Section 4.2.2).

There has been no historical land use of the property, based on the results of this investigation. Past usage of the site is indicated to have been for agricultural purposes which aerial photographs confirmed over the years. There are no current or historical activities at the subject site that qualify as PCAs.



7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

There are no current or historical activities that have been identified within 250 metres of the subject site that could be considered Potentially Contaminating Activities within the Phase One Study Area (see Conceptual Site Model, Figure 2).

There were no PCAs on the subject property. There are no offsite PCAs within the Phase I ESA Study Area.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

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

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

- The subject site for this assessment consists of a property with civic address 4401 Fallowfield Road, in the City of Ottawa, Ontario.
- The subject site has a total area of 3.4 hectares (8.4 acres) of land and is located on the south side of O'Keefe Court and north side of Fallowfield Road, about 385 metres west of the intersection of Strandherd Drive and Fallowfield Road in the City of Ottawa, Ontario.
- Past usage of the site is indicated to have been for agricultural purposes which aerial photographs confirmed over the years.
- The site is currently undeveloped, vacant land. For the most part, the site consists of opened grass fields with some scattered trees and shrubs. The site is more heavily treed in the west portion.
- The site is bordered by Fallowfield Road to the south, Highway 416 to the west, O'Keefe Court to the north and a mixture of undeveloped land and the stormwater management pond to the east/southeast. A recreational park (baseball and soccer fields) are located beyond O'Keefe Court to the north of the site.



- No service stations exist in close proximity to the site.
- In general, surface drainage across the site slopes from the east to west across the site.
- A municipal ditch exists on the east side of the site that outlets to the stormwater management pond.

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

Site and area topography and surface water drainage: It is expected that the upper groundwater flow is to the south based on a review of topographical maps and observations of flow within the large ditch near the east side of the site.

Groundwater flow often reflects topographic features and typically flows toward nearby lakes, rivers and wetland areas. The regional topography slopes south to the Jock River located about 2.7 kilometres south of the subject site. The Jock River outlets to the Rideau River located approximately 6.7 kilometres east of the subject site.

Hydrogeology/Surficial and Bedrock Geology: Surficial and Bedrock Geology

Based on a review of the surficial geology map for the site area, it is expected that the site is underlain partially by glacial till deposits and marine deposited sensitive silty clay over glacial till. Bedrock geology maps indicate that the site is underlain by dolomite and limestone of the Oxford Formation. Based on a review of overburden thickness mapping for the site area, the overburden is estimated to be between about 0.3 to 2.7 metres in thickness above bedrock.

Contaminant distribution, transport and underground utilities: The soils at the site and within the Phase I study area consist of silty clay, glacial till overlying relative shallow bedrock. The soils have low permeability. The Phase I study area is also controlled by nearby municipal storm and sanitary sewers. Lateral gradients in silty clay/glacial till soils are relatively slow and contamination would tend to migrate downward until saturated conditions are encountered. Once saturated conditions are encountered and depending on contaminant mobility, solubility, volatility, etc. the contaminants could be expected to dissolve into the groundwater and migrate laterally in the direction of groundwater flow. In this case, the topographical information indicates that the groundwater flow gradient is moving towards the stormwater management pond located to the southeast of the site.



The site is currently unserviced. Overhead Hydro services were observed along O'Keefe Court. No contamination is expected to exist at the site.

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

8.0 CONCLUSION

8.1 PHASE II ESA REQUIREMENT FOR RSC FILING

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

No RSC filing is necessary as there is no trigger under the O.Reg 153/04 from change of use, based on our understanding of Ontario Regulation 153/04.

8.2 SIGNATURES

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

This report was prepared for the exclusive use of 2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited and is based on data and information collected during the Phase I ESA of the property conducted by Kollaard Associates Inc. This report may not be relied upon by any other person or entity without the express written consent of 2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited and Kollaard Associates Inc. In evaluating this site, Kollaard Associates Inc. has relied in good faith on information provided by others. The assessment of environmental conditions and possible site hazards presented has been made using available



technical data collected and provided by others. We accept no responsibility for any deficiencies, or inaccuracies in this report as a result of omission, misinterpretations, or fraudulent acts of others.

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

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

Yours truly,

Kollaard Associates Inc.

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



Colleen Vermeersch, P. Eng.



9.0 REFERENCES

City of Ottawa geoMaps, air photographs for the years 1965, 1976, 1991, 1999, 2005, 2011, 2015, 2019 and 2021.

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

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

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

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

Ecolog Eris Ltd. Standard Report, dated July 10, 2024, various federal, provincial and private database records for 250 metres study area.



10.0 QUALIFICATIONS OF THE ASSESSORS

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

Mr. Dean Tataryn is a Senior Environmental Professional (EP) with Kollaard Associates Inc. in Kemptville, Ontario. Mr. Dean Tataryn has been conducting Phase I ESAs in accordance with the CSA Standard and Environmental Protection Act for more than 21 years. Mr. Tataryn has conducted more than 150 Phase I, II and III ESAs for commercial/residential clients over his career. Mr. Tataryn obtained a Bachelor of Environmental Studies (Honours Urban and Regional Planning) and a Certificate in Environmental Assessment from the University of Waterloo in 1995. Mr. Tataryn obtained his Environmental Professional (EP) designation in June of 2010.

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

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

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

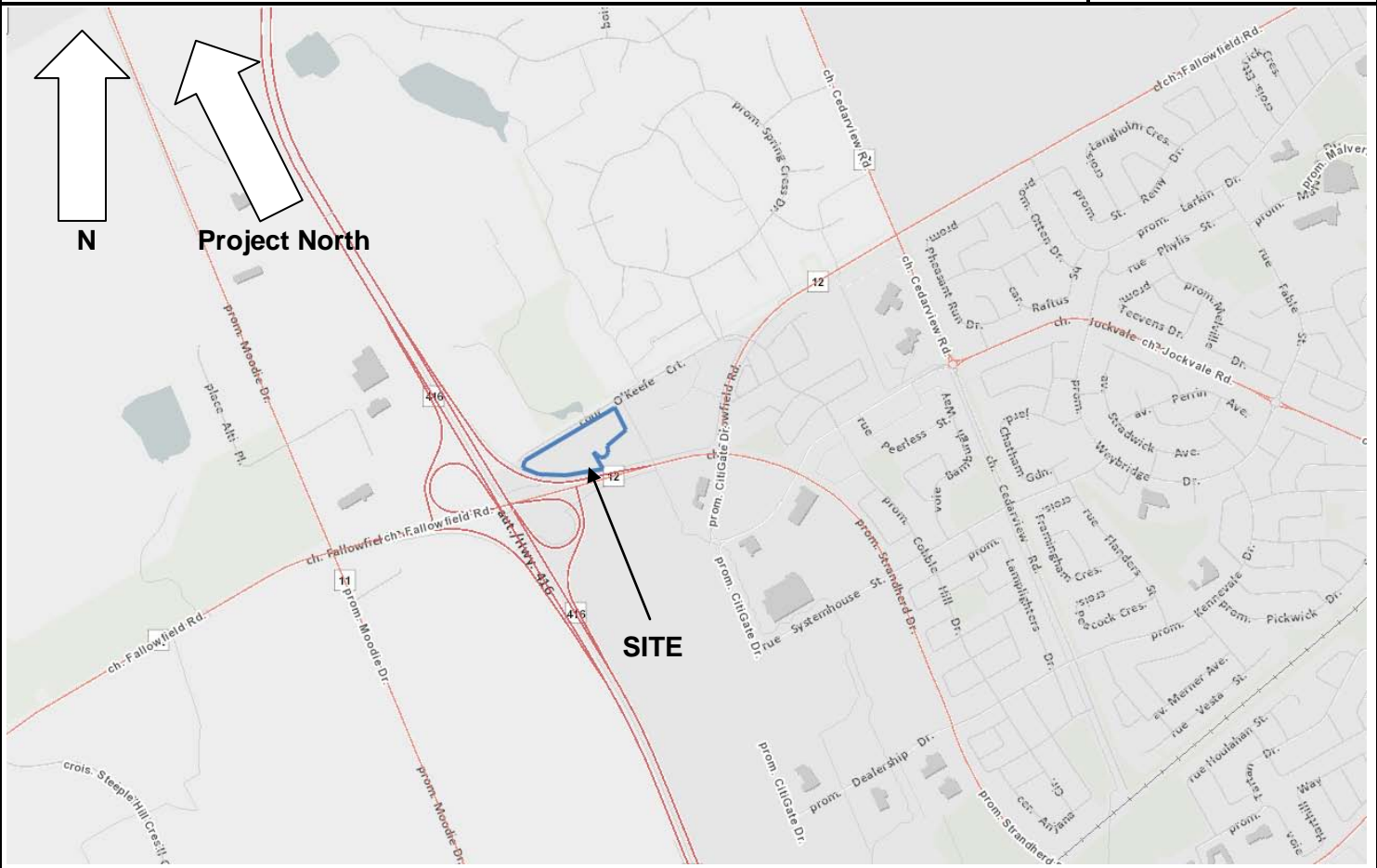
Colleen Vermeersch, P.Eng.

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

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

KEY PLAN

FIGURE 1



NOT TO SCALE



DRAWING NUMBER:
FIGURE 2

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

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

THERE ARE NO USTs WITHIN THE PHASE I ESA PROPERTY.

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

REFERENCE: MAPPING OBTAINED FROM OTTAWA GEOMAPS

REV.	NAME	DATE	DESCRIPTION



Kollaard Associates
Engineers

P.O. BOX 189, 210, PRESCOTT ST (613) 860-0923
KEMPVILLE ONTARIO info@kollaard.ca
K0G 1J0 FAX: (613) 258-0475
http://www.kollaard.ca

CLIENT:
DCR PHOENIX DEVELOPMENT CORPORATION LTD.
& 2116885 ONTARIO INC.

PROJECT:
PHASE I ENVIRONMENTAL
SITE ASSESSMENT
CONCEPTUAL SITE MODEL

LOCATION:
4401 FALLOWFIELD ROAD
(O'KEEFE COURT)
NEPEAN WARD, CITY OF OTTAWA, ON

DESIGNED BY:	DATE:
—	JULY 11, 2024
DRAWN BY:	SCALE:
DT	AS SHOWN
KOLLAARD FILE NUMBER: 240639	



2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT A

TITLE SEARCH DOCUMENTATION

CHAIN OF TITLE REPORT

Project #: #240639
 Address: 4401 Fallowfield Rd, Nepean
 Legal Pt Lot 20 Con 4 RF Nepean
 Description: Pts 9 & 10, 4R7852
 PIN #: Ex Pts 6-12, 4R8856, Pts 4 & 5, 4R20404 & 4M1634
 04467-1977(LT)

Searched at: Ottawa
 LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
RO26	Deed	25 07 1826	Elizabeth McIntire	Rev. Alex McDONALD
352	Deed	30 01 1832	Rev. Alex McDonald	Daniel FOGARTY
RO17199	Will	09 12 1861	Daniel Fogarty - Estate	Effe Ross FOGARTY
7063	Deed	19 11 1880	Effe Ross Fogarty	Daniel FOGARTY, JR.
502898	Deed	14 03 1937	Daniel Fogarty Jr. - Estate	Andrew M. FOGARTY
348478	Deed	06 07 1956	Andrew M. Fogarty	Jessie M. BAIRD
721477	Deed	30 11 1977	Jessie M. Baird - Estate	Kurt W. ANDERS
N570224	Deed	15 10 1979	Kurt W. Anders, in Trust	383932 Ontario Limited

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #:

#240639

Address:

4401 Fallowfield Rd, Nepean

Legal

Pt Lot 20 Con 4 RF Nepean

Description:

Pts 9 & 10, 4R7852

PIN #:

Ex Pts 6-12, 4R8856, Pts 4 & 5, 4R20404 & 4M1634
04467-1977(LT)

Searched at:

Ottawa
4

LRO #:

Page 2

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
LT754391	Easement	16 01 1992	383932 Ontario Limited	Bell Canada
OC656846	Deed	01 11 2006	383932 Ontario Limited	2116885 Ontario Inc.
OC1499727	Deed (Present Owners)	22 07 2012	2116885 Ontario Inc.	2116885 Ontario Inc. - 50% DCR/Phoenix Development Corporation Limited - 50%
OC2121240	Easement	18 07 2019	2116885 Ontario Inc. DCR/Phoenix Development Corporation Limited	City of Ottawa

LAND
REGISTRY
OFFICE #4

04467-1977 (LT)

PAGE 1 OF 2
PREPARED FOR bertucci
ON 2024/07/14 AT 20:17:53

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

PROPERTY DESCRIPTION: PART OF LOT 20 CONCESSION 4, RIDEAU FRONT, NEPEAN, PARTS 9 AND 10 PLAN 4R7852 EXCEPT PARTS 6, 7, 8, 9, 10, 11 AND 12 PLAN 4R8856 EXCEPT PARTS 4 AND 5 PLAN 4R20404 AND EXCEPT 4M1634; SUBJECT TO AN EASEMENT AS IN LT754391; SUBJECT TO AN EASEMENT IN GROSS AS IN OC2121240; CITY OF OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
ABSOLUTE

RECENTLY:

DIVISION FROM 04467-0112

PIN CREATION DATE:

2019/07/10

OWNERS' NAMES

2116885 ONTARIO INC.
DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED

CAPACITY SHARE

TCOM 50% INT

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2019/07/10 **						
LT754391	1992/01/16	TRANSFER EASEMENT			BELL CANADA	C
		REMARKS: SEE ALSO CR594440				
		CORRECTIONS: 'DATE OF REGN.' CHANGED FROM '1971/07/14' TO '1992/01/16' ON 2006/11/07 BY LUCIE GINGRAS.				
LT9101904	1992/01/16	APL (GENERAL)			383932 ONTARIO LIMITED	C
OC656846	2006/11/01	TRANSFER	\$2,898,045	383932 ONTARIO LIMITED	2116885 ONTARIO INC.	C
OC658381	2006/11/07	LR'S ORDER		LAND REGISTRAR		C
		REMARKS: AMENDING DATE OF REGISTRATION FOR TRANSFER OF EASEMENT LT754391 FROM 1971/07/14" TO "1992/01/16". ADDING REMARK TO LT754391 "SEE ALSO CR594440". AMENDING THUMBNAILED DESCRIPTION IN PIN 04467-0104 FROM "SUBJECT TO AN EASEMENT IN FAVOUR OF BELL CANADA OVER PART 1 ON PLAN 4R18463 AS IN OC754391" TO "SUBJECT TO AN EASEMENT IN FAVOUR OF BELL CANADA OVER PART 1 ON PLAN 4R18463 AS IN LT754391".				
OC1135995	2010/07/16	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA		C
		REMARKS: AIRPORT ZONING REGULATION				
OC1499727	2013/07/22	TRANSFER	\$1	2116885 ONTARIO INC.	DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	C
OC1500031	2013/07/23	CHARGE	\$1,000,000	DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	GARADDEX INC.	C
OC2063861	2018/12/13	LR'S ORDER		LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE		C
		REMARKS: OC1499727 CORRECT OWNER'S NAME				
OC2072642	2019/01/22	CHARGE	\$7,000,000	2116885 ONTARIO INC. DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	BANK OF MONTREAL	C
OC2072862	2019/01/23	POSTPONEMENT		GARADDEX INC.	BANK OF MONTREAL	C
		REMARKS: OC1500031 TO OC2072642				
OC2121240	2019/07/18	TRANSFER EASEMENT	\$1	2116885 ONTARIO INC. DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	CITY OF OTTAWA	C

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

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

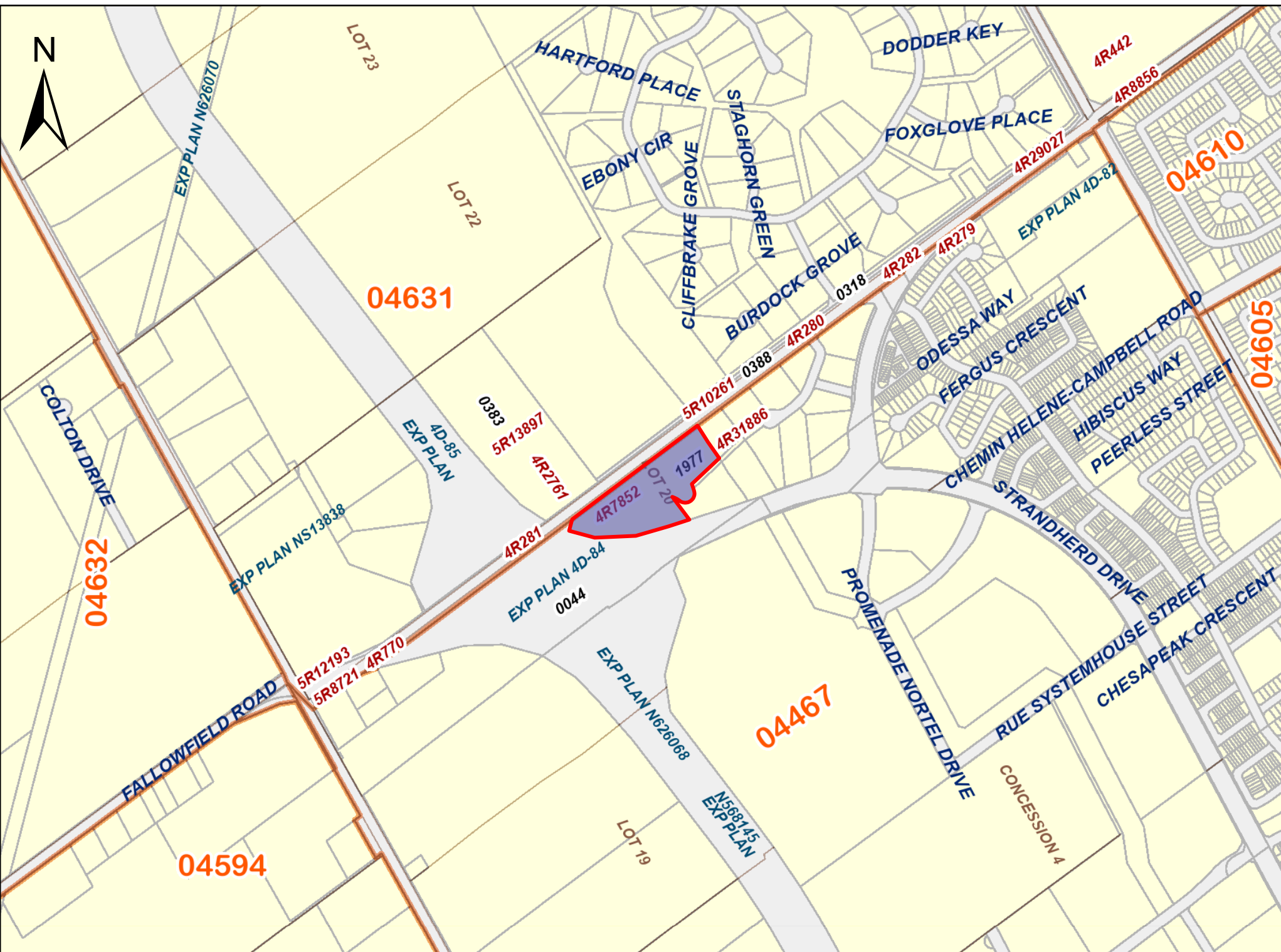
LAND
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04467-1977 (LT)

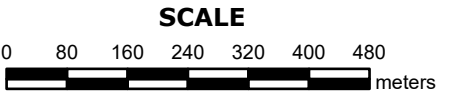
* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
OC2121241	2019/07/18	POSTPONEMENT <i>REMARKS: OC1500031 TO OC2121240</i>		GARADEx INC.	CITY OF OTTAWA	C
OC2121242	2019/07/18	POSTPONEMENT <i>REMARKS: OC2072642 TO OC2121240</i>		BANK OF MONTREAL	CITY OF OTTAWA	C
OC2287547	2020/11/30	NOTICE	\$1	CITY OF OTTAWA	2116885 ONTARIO INC. DCR/PHOENIX DEVELOPMENT CORPORATION LIMITED	C
OC2287548	2020/11/30	POSTPONEMENT <i>REMARKS: OC1500031 TO OC2287547</i>		GARADEx INC.	CITY OF OTTAWA	C
OC2287549	2020/11/30	POSTPONEMENT <i>REMARKS: OC2072642 TO OC2287547</i>		BANK OF MONTREAL	CITY OF OTTAWA	C
OC2580504	2023/03/06	LR'S ORDER <i>REMARKS: AMENDING SUBJECT TO AN EASEMENT AS IN LT391754 TO SUBJECT TO AN EASEMENT AS IN LT754391</i>		LAND REGISTRAR, OTTAWA-CARLETON LAND REGISTRY OFFICE		C

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FOR BERTUCCI



PROPERTY INDEX MAP
OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



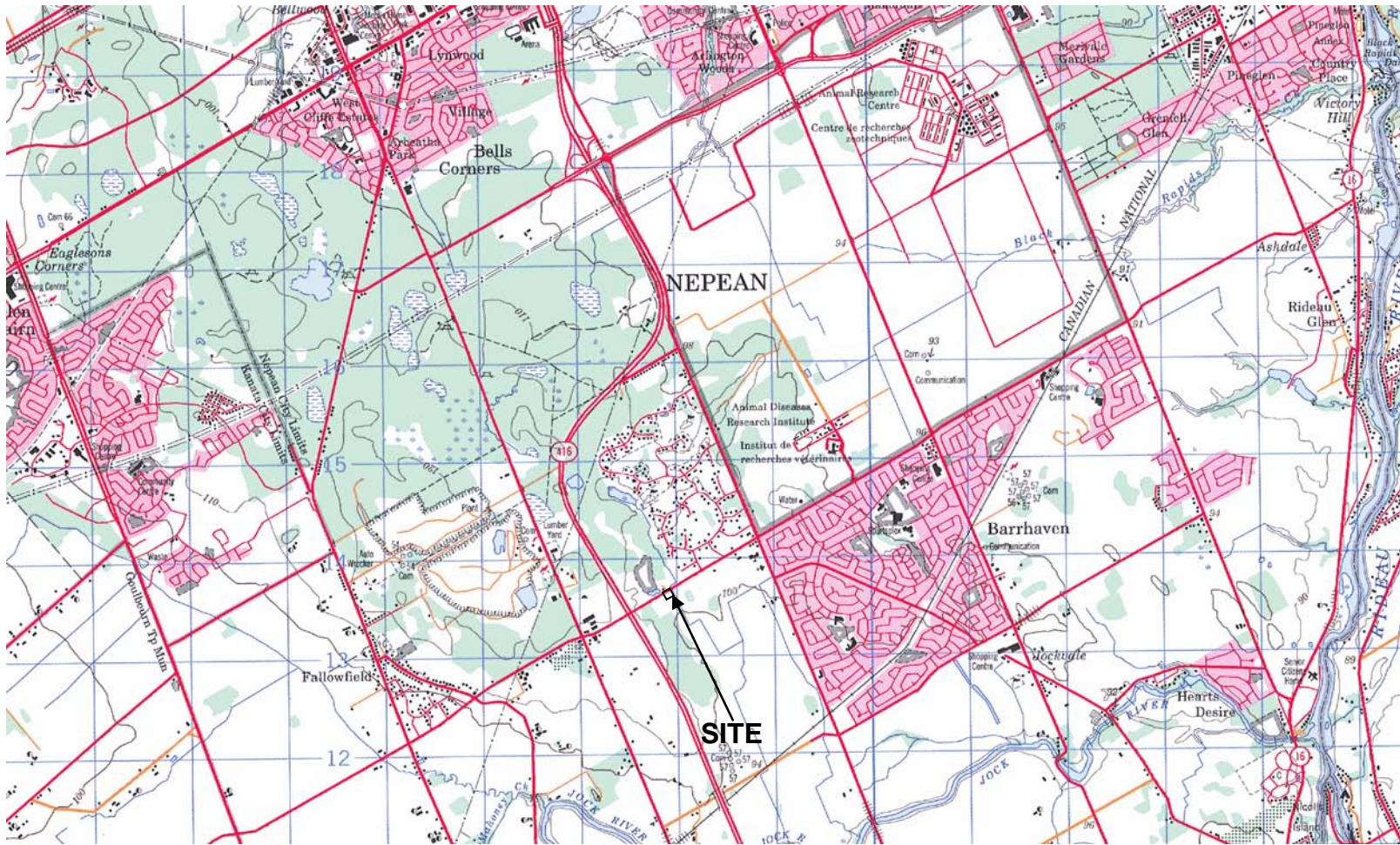


2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT B

TOPOGRAPHIC MAP



NOT TO SCALE

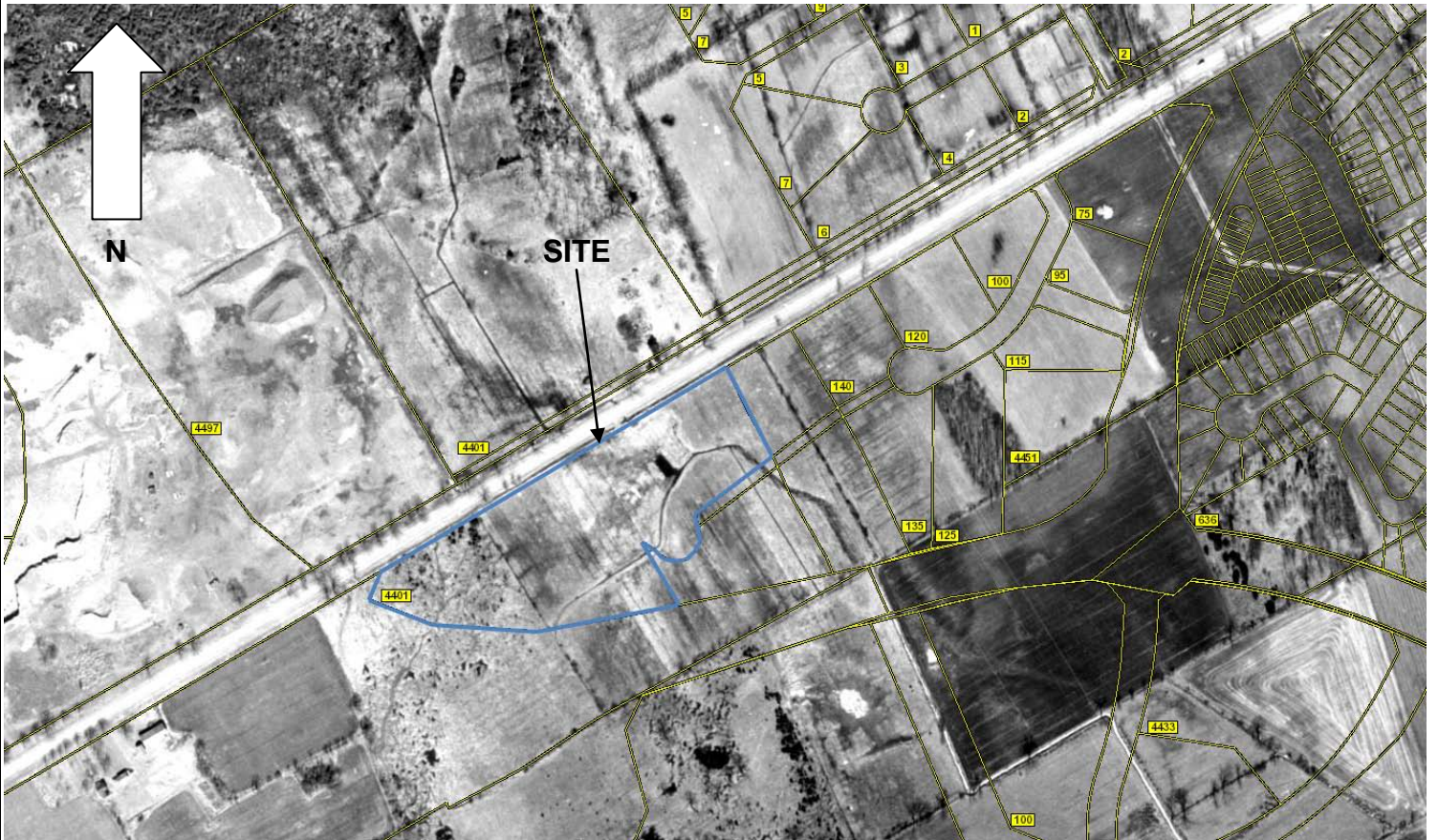


2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT C
AIR PHOTOGRAPHS

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

1965

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

1976

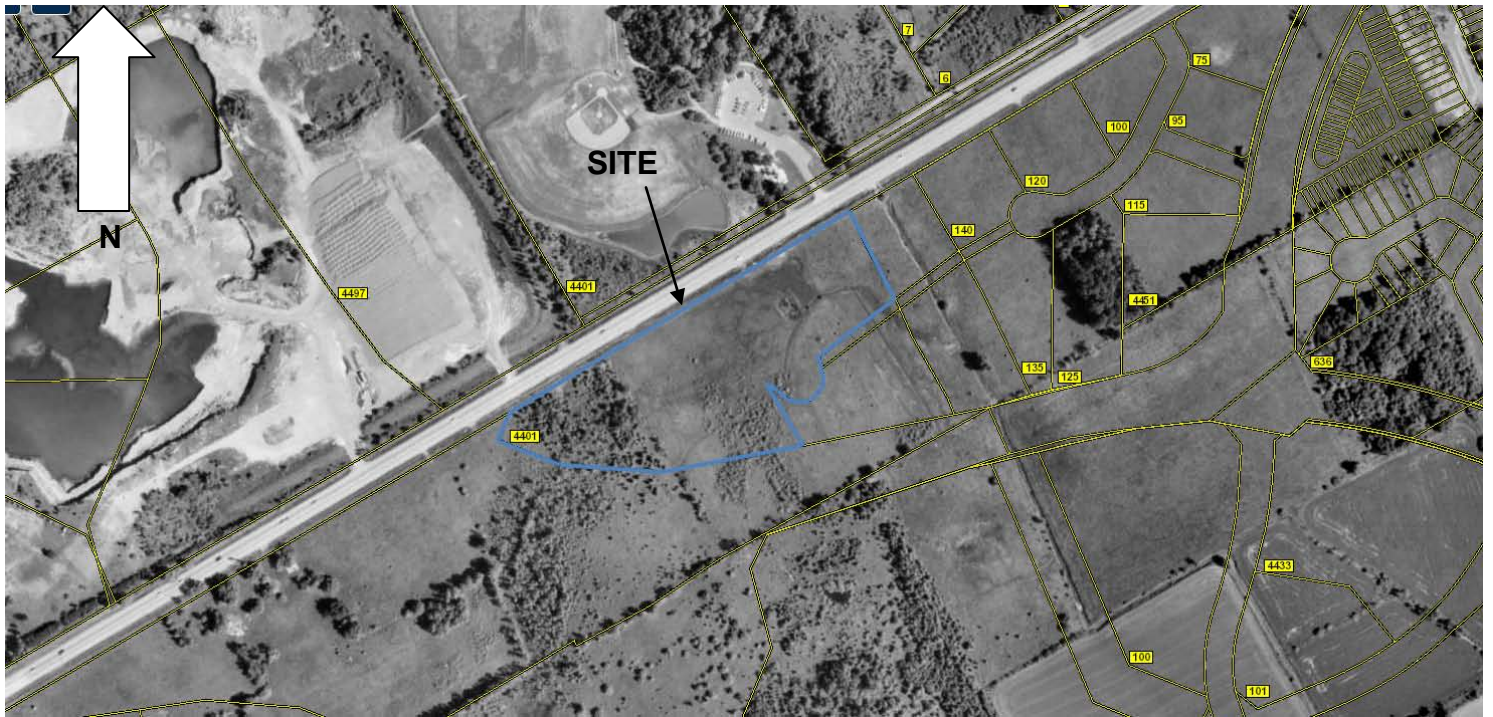


Kollaard Associates
Engineers

Project No. 240639

Date July 2024

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

1991



Kollaard Associates
Engineers

Project No. 240639

Date July 2024

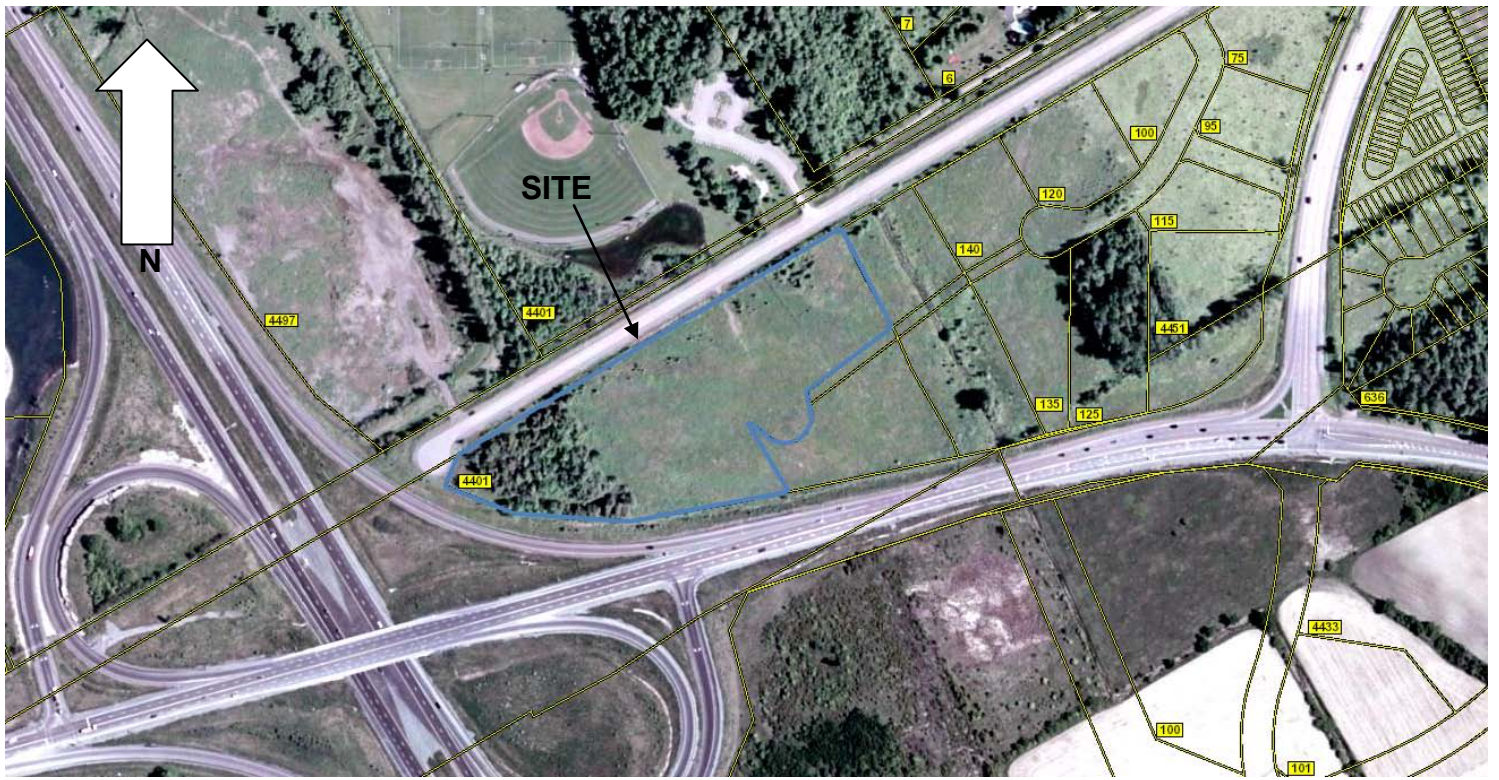
AIR PHOTOGRAPH



Source: City of Ottawa Emaps

1999

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

2005



Kollaard Associates
Engineers

Project No. 240639

Date July 2024

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

2011

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

2015



Kollaard Associates
Engineers

Project No. 240639

Date July 2024

AIR PHOTOGRAPH



2019

AIR PHOTOGRAPH



Source: City of Ottawa Emaps

2022



Kollaard Associates
Engineers

Project No. 240639

Date July 2024



2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT D

CITY OF OTTAWA CORRESPONDENCE

Office Use Only

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



Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

*Site Address or Location:

* Mandatory Field

*Applicant/Agent Information:

Company name:

Contact name:

Mailing Address:

Telephone: Email Address:

*Registered Property Owner Information: Same as above

Name:

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description and PIN:

Part of Lot 20, Concession 4 (Rideau Front), Nepean Ward, City of Ottawa, ON
Assessment Roll #: 06141208250989100000

What is the land currently used for?

vacant

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

OR Lot area: (irregular lot) m²

Does the site have Full Municipal Services: Yes No

Required Fees

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

Planning Fee

\$181.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

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

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

Signed: 

Dated (dd/mmm/yyyy): 10/07/2024

Per: Dean Tataryn
(Please print name)

Title: Environmental Professional

Company: Kollaard Associates Inc.



Kollaard Associates

Engineers

210 Prescott Street

P.O. Box 189

Kemptville, Ontario K0G 1J0

Civil • Geotechnical •
Structural • Environmental •
Hydrogeology •

(613) 860-0923

FAX: (613) 258-0475

July 10, 2024

240639

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

Attention: To whom it may concern

Re: ENVIRONMENTAL SEARCH REQUEST
4401 FALLOWFIELD ROAD
CITY OF OTTAWA, ONTARIO

Dear Sir/Madam:

Kollaard Associates Inc. was retained by 2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited to carry out a Phase I ESA for the above noted site. Kollaard Associates Inc. hereby requests that the City of Ottawa conduct a search of all environmental databases, including the Historical Land Use Inventory ("HLUI"). Kollaard Associates Inc. is interested in any information pertaining to the environmental condition of the property and adjoining areas including, but not limited to past environmental reports, orders, violations of environmental statutes, regulations or by-laws, certificates, approvals, permits and any other environmental information.

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

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

Sincerely,
KOLLAARD ASSOCIATES, INC.

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



Professional Engineers
Ontario

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



Kollaard Associates
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July 10, 2024

240639

2116885 Ontario Inc. and DCR Phoenix Development Corporation Limited

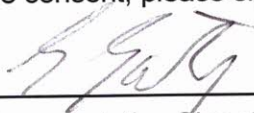
Re: Consent to Disclose Information
4401 Fallowfield Road
City of Ottawa, Ontario

Dear Sir/Madam,

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

We are requesting consent from you, the owner of 4401 Fallowfield Road for the City of Ottawa to disclose information for the purpose of the Phase I Environmental Site Assessment. This will authorize the City of Ottawa to release any relevant information about the property to the requester.

To provide consent, please sign and date the following.



July 10/24
Date

Owner/Representative Signature
(2116885 Ontario Inc. & DCR Phoenix Development Corporation Limited)

Owner/Representative Name (Please Print)
(2116885 Ontario Inc. & DCR Phoenix Development Corporation Limited)

Thank you for your assistance regarding this matter.

Sincerely,
KOLLAARD ASSOCIATES, INC.

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



Professional Engineers
Ontario

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

City of Ottawa

Property Information

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

Date/Time Generated: Run on: 7/9/2024 2:10 PM

Property Parcel:

Calculated Parcel Area^[i]: 33983.91 m² (365799.38 ft²) (3.40 ha)

Main Address:

4401 Fallowfield Rd

Solid Waste Collection:

Waste Contractor: Miller

Zone: 2

Pickup Day/Calendar: THURSDAY/A

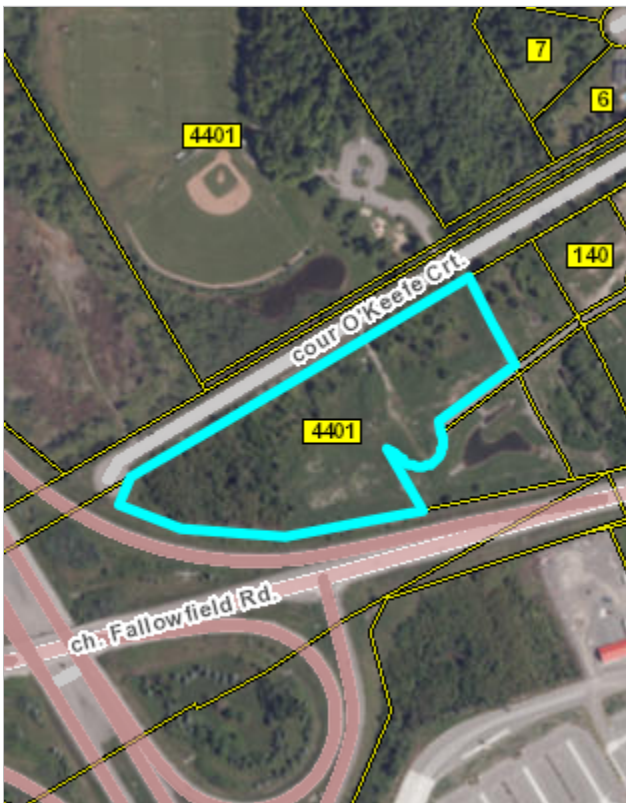
Ward Information:

Number: 3

Ward Name: Barrhaven West

Councillor Name: David Hill

Property Aerial Photo



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



2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT E

ECOLOG ERIS SERVICES



DATABASE REPORT

Project Property: 240639
4401 Fallowfield Road
Nepean ON K2J 4A7

Project No: 240639

Report Type: *Standard Report*

Order No: 24071000091

Requested by: *Kollaard Associates Inc.*

Date Completed: *July 10, 2024*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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Executive Summary

Property Information:

Project Property: 240639
4401 Fallowfield Road Nepean ON K2J 4A7

Project No: 240639

Coordinates:

Latitude: 45.2727124
Longitude: -75.7928474
UTM Northing: 5,013,551.74
UTM Easting: 437,808.65
UTM Zone: 18T

Elevation: 337 FT
102.79 M

Order Information:

Order No: 24071000091
Date Requested: July 10, 2024
Requested by: Kollaard Associates Inc.
Report Type: Standard Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	4	4
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	1	1	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	1	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	8	8

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		<hr/>			
		Total:	2	14	16

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	ECA	2116885 Ontario Inc.	4401 Fallowfield Rd (Part Lot 20, Concession 4) Ottawa ON K2E 6T8	-/0.0	0.95	16
1	EHS		4401 Fallowfield Road Nepean ON K2R	-/0.0	0.95	16

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	BORE		ON	SSE/185.3	1.39	16
3	BORE		ON	SSW/204.2	5.59	18
4	BORE		ON	ENE/207.9	-1.92	18
5	WWIS		lot 20 con 4 ON Well ID: 1534314	ESE/211.2	-2.92	20
5	WWIS		lot 20 con 4 ON Well ID: 1534317	ESE/211.2	-2.92	21
6	WWIS		lot 20 con 4 ON Well ID: 1527488	ESE/214.0	-2.92	22
6	WWIS		lot 20 con 4 ON Well ID: 1527489	ESE/214.0	-2.92	26
6	WWIS		lot 20 con 4 ON Well ID: 1527903	ESE/214.0	-2.92	30
6	WWIS		lot 20 con 4 ON Well ID: 1528157	ESE/214.0	-2.92	33
7	WWIS		lot 20 con 4 ON Well ID: 1520817	ESE/214.7	-2.92	38
8	ECA	City of Ottawa	Lots 20 and 21, Concession 4 Ottawa ON K1P 1J1	ESE/218.5	-2.92	41
9	WWIS		O'KEEFE COURT lot 20 con 4 NEPEAN ON	W/242.5	6.42	41

<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>
			<i>Well ID:</i> 1535794			
10	BORE		ON	SW/242.6	7.17	48
11	EHS		140 Lusk Street Ottawa ON K2J	ENE/248.2	-1.92	49

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SSE	185.27	<u>2</u>
	ON	SSW	204.22	<u>3</u>
	ON	SW	242.58	<u>10</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ENE	207.90	<u>4</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2024 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
2116885 Ontario Inc.	4401 Fallowfield Rd (Part Lot 20, Concession 4) Ottawa ON K2E 6T8	-	0.00	<u>1</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Lots 20 and 21, Concession 4 Ottawa ON K1P 1J1	ESE	218.54	<u>8</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4401 Fallowfield Road Nepean ON K2R	-	0.00	<u>1</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	140 Lusk Street Ottawa ON K2J	ENE	248.22	<u>11</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 8 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	O'KEEFE COURT lot 20 con 4 NEPEAN ON <i>Well ID:</i> 1535794	W	242.46	<u>9</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 20 con 4 ON <i>Well ID:</i> 1534317	ESE	211.18	<u>5</u>
	lot 20 con 4 ON <i>Well ID:</i> 1534314	ESE	211.18	<u>5</u>
	lot 20 con 4 ON <i>Well ID:</i> 1527489	ESE	214.05	<u>6</u>
	lot 20 con 4 ON <i>Well ID:</i> 1527903	ESE	214.05	<u>6</u>
	lot 20 con 4 ON	ESE	214.05	<u>6</u>

Well ID: 1528157

lot 20 con 4
ON

ESE

214.05

6

Well ID: 1527488

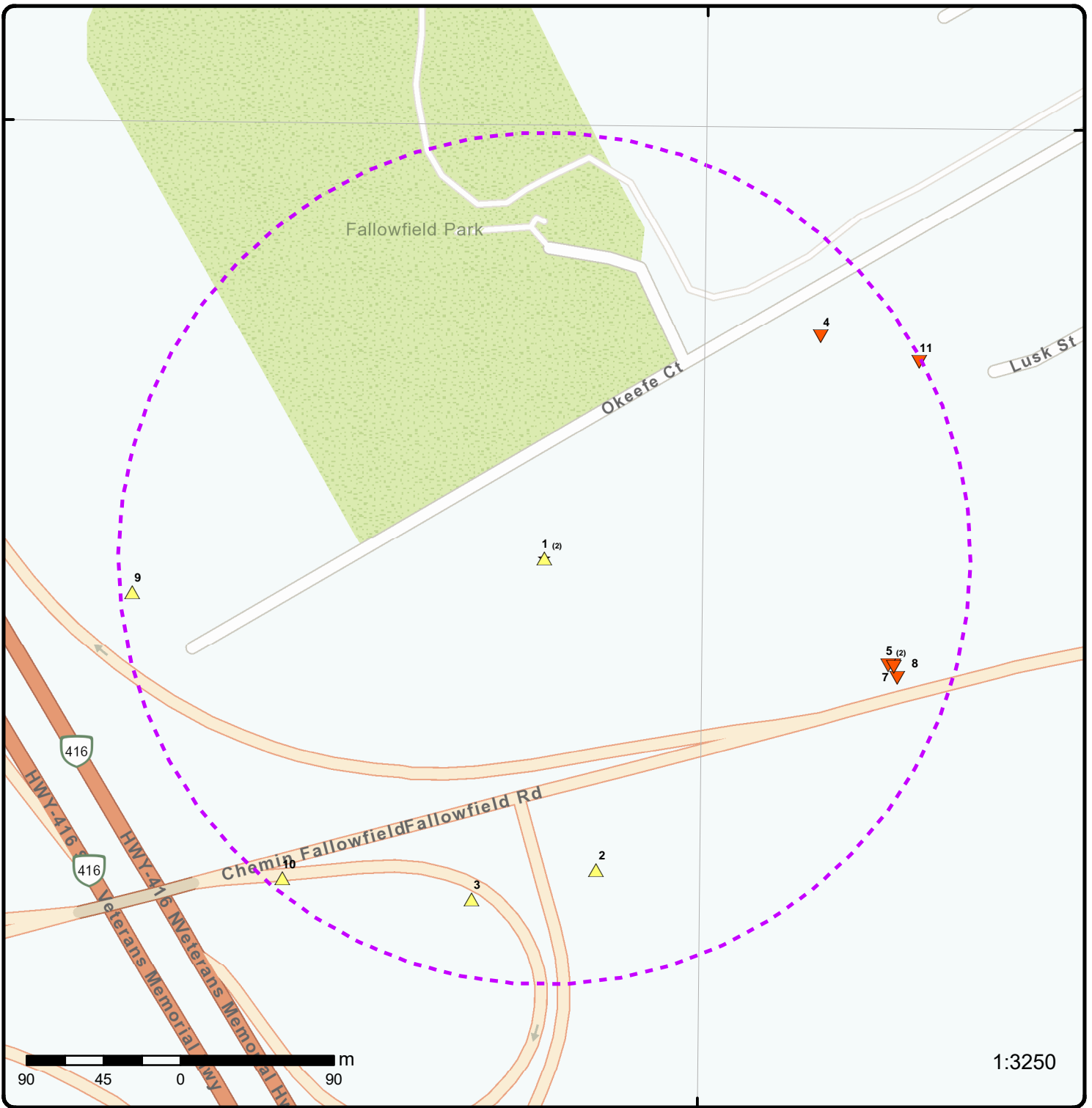
lot 20 con 4
ON

ESE

214.72

7

Well ID: 1520817



Map: 0.25 Kilometer Radius

Order Number: 24071000091

Address: 4401 Fallowfield Road, Nepean, ON

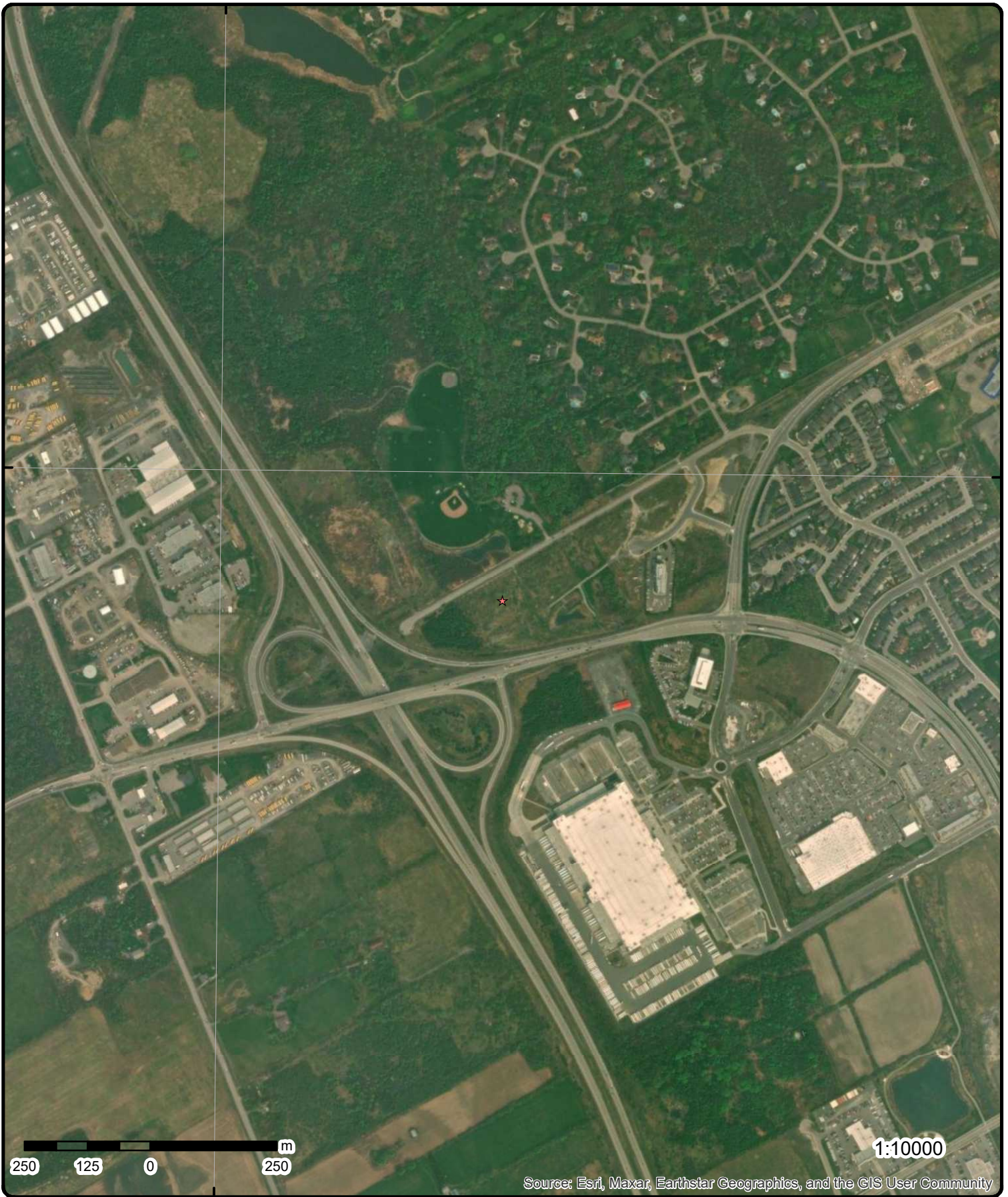


★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
⬡ Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°48'W

45°16'30"N

45°16'30"N



250 125 0 250 m

1:10000

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2023

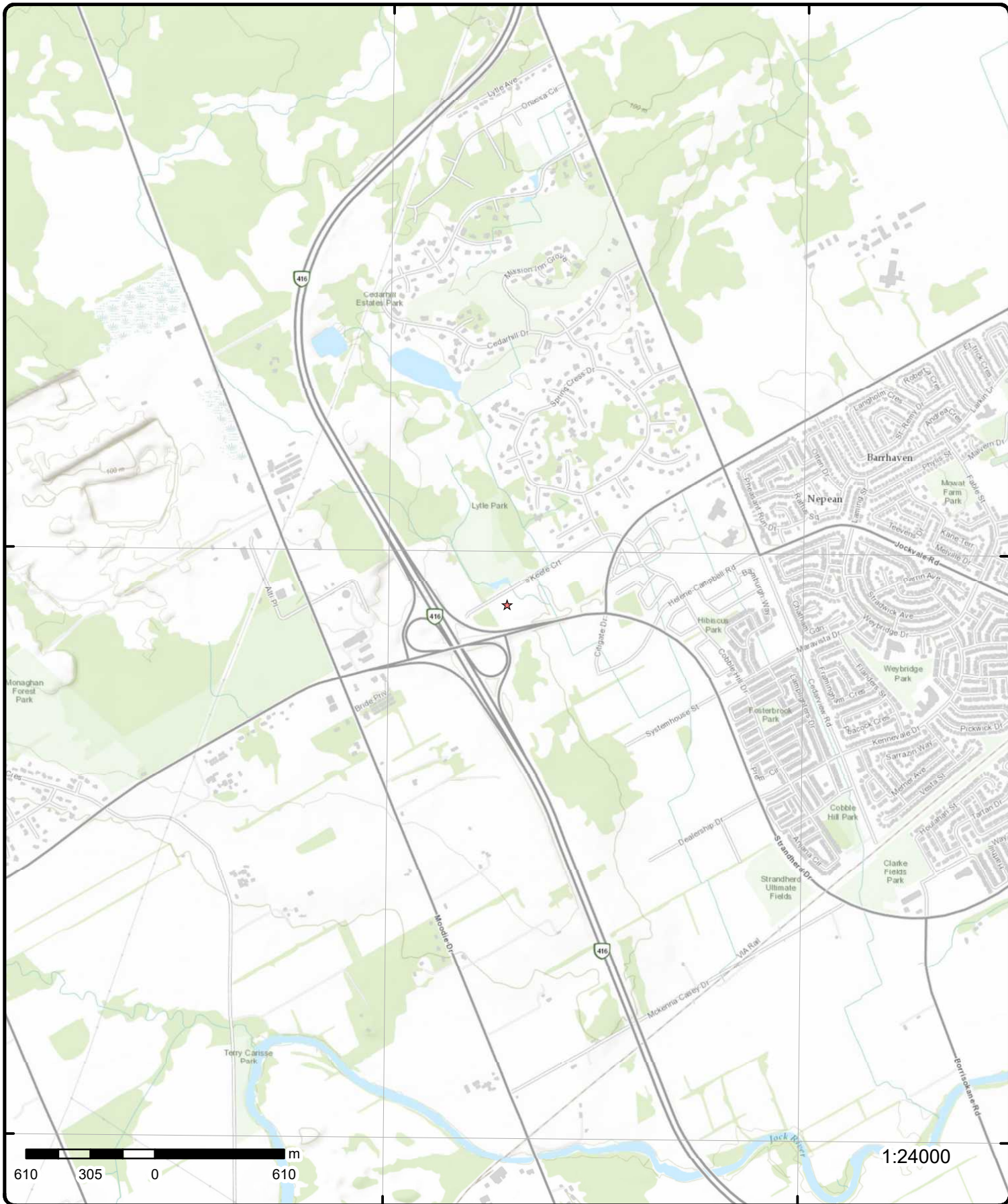
Order Number: 24071000091

Address: 4401 Fallowfield Road, Nepean, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Order Number: 2407100091

Address: 4401 Fallowfield Road, 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 2	-/0.0	103.7 / 0.95	2116885 Ontario Inc. 4401 Fallowfield Rd (Part Lot 20, Concession 4) Ottawa ON K2E 6T8	ECA																																																																												
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Borehole ID:	848524	Inclin FLG:	No																																																																														
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561279			Mat Consistency:	Firm
Top Depth:	.5			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Roots			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BROWN TO GREYISH BROWN, CLAYEY SILT, SOME SAND, CONTAINS TRACES OF ROOT FIBRES, FIRM TO STIFF, TILL-LIKE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561280			Mat Consistency:	Compact
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	4.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Coarse Sand			Geologic Period:	
Material 4:	Coarse Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND TO COARSE SAND AND GRAVEL, COMPACT, LIGHT GREYISH BROWN, LIGHT TO DARK GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561281			Mat Consistency:	Very Dense
Top Depth:	4.1			Material Moisture:	
Bottom Depth:	6.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, VERY DENSE (GLACIAL TILL), NUMEROUS BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561278			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	clay silt			Geologic Group:	
Material 3:	Dark-Coloured			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAYEY SILT (TOPSOIL), DARK BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561282			Mat Consistency:	
Top Depth:	6.2			Material Moisture:	
Bottom Depth:	9.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:	Dolomite			Geologic Period:	
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK, LIMESTONE, LIGHT TO MEDIUM DARK GREY, DARK GREENISH GREY TO DARK GREY, SILTY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	1 of 1	SSW/204.2	108.4 / 5.59	ON	BORE
Borehole ID:	848525			Inclin FLG:	No
OGF ID:	215590146			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	10-APR-1991			Municipality:	
Static Water Level:				Lot:	LOT 20
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.270911
Total Depth m:	7.6			Longitude DD:	-75.793366
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437766
Drill Method:	Hollow stem auger			Northing:	5013352
Orig Ground Elev m:	106			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 20 metres
DEM Ground Elev m:	105				
Concession:		CON 4			
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6561284			Mat Consistency:	Dense
Top Depth:	.6			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	BROWN TO GREYISH BROWN, HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, CONTAINS OCCASIONAL COBBLES AND BOULDERS, DENSE TO VERY DENSE (GLACIAL TILL) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6561283			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	sand silt			Geologic Group:	
Material 3:	Dark-Coloured			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SANDY SILT (TOPSOIL), DARK GREYISH BROWN **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<u>4</u>	1 of 1	ENE/207.9	100.9 / -1.92	ON	BORE
Borehole ID:	610530			Inclin FLG:	No
OGF ID:	215512043			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:				Latitude DD:	45.273899
Total Depth m:	-999			Longitude DD:	-75.790798
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	437971
Drill Method:				Northing:	5013682
Orig Ground Elev m:	100			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	100				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385823			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	4.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 2200.				

Geology Stratum ID:	218385822			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Unknown			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	UNSPECIFIED. SEISMIC VELOCITY = 1000.				

Geology Stratum ID:	218385824			Mat Consistency:	Firm
Top Depth:	4.3			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK. SEISMIC VELOCITY = 13000. SILT. GREY,FIRM. 00035004. 000080110010000200128 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	L	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03038 NTS_Sheet:		
Confiden 1:	Gives some indication of sub-surface condition but material is unknown.		

Source List

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

<u>5</u>	1 of 2	ESE/211.2	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:	1534314			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Abandoned-Quality			Date Received:	11/13/2003
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	267001			Contractor:	1558
Tag:				Form Version:	2
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534314.pdf				

Additional Detail(s) (Map)

Well Completed Date:	09/23/2003
Year Completed:	2003
Depth (m):	
Latitude:	45.2721655418592
Longitude:	-75.7902691189386
X:	-75.79026895808896
Y:	45.27216553527692
Path:	153\1534314.pdf

Bore Hole Information

Bore Hole ID:	11097364	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438010.30
Code OB Desc:		North83:	5013489.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/23/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961534314			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11101079			
Casing No:		1			
Comment:					
Alt Name:					

<u>5</u>	2 of 2	ESE/211.2	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:	1534317			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Abandoned-Other			Date Received:	11/13/2003
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	267006			Contractor:	1558
Tag:				Form Version:	2
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534317.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/05/2003
Year Completed: 2003
Depth (m):
Latitude: 45.2721655418592
Longitude: -75.7902691189386
X: -75.79026895808896
Y: 45.27216553527692
Path: 153\1534317.pdf

Bore Hole Information

Bore Hole ID:	11097367	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438010.30
Code OB Desc:		North83:	5013489.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/05/2003	UTMRC Desc:	unknown UTM

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961534317			
Method Construction Code:		0			
Method Construction:		Not Known			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11101082			
Casing No:		1			
Comment:					
Alt Name:					

<u>6</u>	1 of 4	ESE/214.0	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:		1527488		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Public		Data Entry Status:	
Use 2nd:		Cooling And A/C		Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				10/06/1993	
Audit No:		126285		Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				Contractor:	
Elevatn Reliability:				4006	
Depth to Bedrock:				Form Version:	
Well Depth:				1	
Overburden/Bedrock:				Owner:	
Pump Rate:				OTTAWA-CARLETON	
Static Water Level:				Lot:	
Clear/Cloudy:				020	
Municipality:		NEPEAN TOWNSHIP		Concession:	
Site Info:				04	
				Concession Name:	
				RF	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527488.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/24/1993			
Year Completed:		1993			
Depth (m):		91.44			
Latitude:		45.2721658064668			
Longitude:		-75.7902308774097			
X:		-75.79023071592161			
Y:		45.27216579889442			
Path:		152\1527488.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10049127			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438013.30
Code OB Desc:				North83:	5013489.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	09/24/1993			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931066801				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:	13				
Material 2 Desc:	BOULDERS				
Material 3:	79				
Material 3 Desc:	PACKED				
Formation Top Depth:	0.0				
Formation End Depth:	25.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931066802				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:	73				
Material 2 Desc:	HARD				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	25.0				
Formation End Depth:	145.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931066803				
Layer:	3				
Color:					
General Color:					
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:	73				
Material 2 Desc:	HARD				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:		145.0			
Formation End Depth:		300.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112494			
Layer:		1			
Plug From:		0.0			
Plug To:		29.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961527488			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10597697			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930085793			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29.0			
Casing Diameter:		8.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930085792			
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			
<u>Construction Record - Casing</u>					
Casing ID:		930085794			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		300.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991527488			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		175.0			
Pumping Rate:		90.0			
Flowing Rate:					
Recommended Pump Rate:		90.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110728			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385543			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934654869			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		19.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903663			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933486958			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	75.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933486960				
Layer:	3				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	275.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933486959				
Layer:	2				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	145.0				
Water Found Depth UOM:	ft				

<u>6</u>	2 of 4	ESE/214.0	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:	1527489			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Public			Data Entry Status:	
Use 2nd:	Cooling And A/C			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/06/1993
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	126284			Contractor:	4006
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527489.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/24/1993
Year Completed:	1993
Depth (m):	88.392
Latitude:	45.2721658064668
Longitude:	-75.7902308774097
X:	-75.79023071592161
Y:	45.27216579889442
Path:	152\1527489.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10049128			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438013.30
Code OB Desc:				North83:	5013489.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	09/24/1993			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID:	931066805
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	145.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931066804
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	931066806
Layer:	3
Color:	
General Color:	
Material 1:	18
Material 1 Desc:	SANDSTONE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:			145.0		
Formation End Depth:			290.0		
Formation End Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			933112495		
Layer:			1		
Plug From:			0.0		
Plug To:			27.0		
Plug Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961527489		
Method Construction Code:			4		
Method Construction:			Rotary (Air)		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10597698		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930085795		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			27.0		
Casing Diameter:			10.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930085796		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			27.0		
Casing Diameter:			15.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930085797		
Layer:			3		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			290.0		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		10.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991527489			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		112.0			
Recommended Pump Depth:		250.0			
Pumping Rate:		200.0			
Flowing Rate:					
Recommended Pump Rate:		200.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385544			
Test Type:					
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934654870			
Test Type:					
Test Duration:		45			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934903664			
Test Type:					
Test Duration:		60			
Test Level:		110.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110729			
Test Type:					
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933486961			
Layer:		1			
Kind Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		Not stated			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933486963			
Layer:		3			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		275.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933486962			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		145.0			
Water Found Depth UOM:		ft			

<u>6</u>	3 of 4	ESE/214.0	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:	1527903			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Cooling And A/C			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	04/25/1994
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	126272			Contractor:	6004
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	RF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1527903.pdf				

Additional Detail(s) (Map)

Well Completed Date:	09/24/1994
Year Completed:	1994
Depth (m):	119.7864
Latitude:	45.2721658064668
Longitude:	-75.7902308774097
X:	-75.79023071592161
Y:	45.27216579889442
Path:	152\1527903.pdf

Bore Hole Information

Bore Hole ID:	10049458	Elevation:	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	438013.30
Code OB Desc:				North83:	5013489.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	09/24/1994			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931067953
Layer: 3
Color:
General Color:
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2: 15
Material 2 Desc: LIMESTONE
Material 3: 71
Material 3 Desc: FRACTURED
Formation Top Depth: 120.0
Formation End Depth: 393.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931067952
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 17
Material 2 Desc: SHALE
Material 3: 68
Material 3 Desc: DRY
Formation Top Depth: 17.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931067951
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.0			
Formation End Depth:		17.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933112780			
Layer:		1			
Plug From:		0.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961527903			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598028			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930086401			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		393.0			
Casing Diameter:		10.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930086399			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		25.0			
Casing Diameter:		15.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930086400			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		10.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933487447			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		175.0			
Water Found Depth UOM:		ft			

<u>6</u>	4 of 4	ESE/214.0	99.9 / -2.92	lot 20 con 4 ON	WWIS
Well ID:		1528157		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Commerical		Data Entry Status:	
Use 2nd:		Cooling And A/C		Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:		126243		Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NEPEAN TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528157.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/25/1994
Year Completed: 1994
Depth (m): 90.5256
Latitude: 45.2721658064668
Longitude: -75.7902308774097
X: -75.79023071592161
Y: 45.27216579889442
Path: 152\1528157.pdf

Bore Hole Information

Bore Hole ID:	10049696	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438013.30
Code OB Desc:		North83:	5013489.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/25/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			

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

Overburden and Bedrock
Materials Interval

Formation ID: 931068763
 Layer: 1
 Color: 6
 General Color: BROWN
 Material 1: 25
 Material 1 Desc: OVERBURDEN
 Material 2: 12
 Material 2 Desc: STONES
 Material 3:
 Material 3 Desc:
 Formation Top Depth: 0.0
 Formation End Depth: 18.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068767
 Layer: 5
 Color: 2
 General Color: GREY
 Material 1: 15
 Material 1 Desc: LIMESTONE
 Material 2: 90
 Material 2 Desc: VERY
 Material 3: 73
 Material 3 Desc: HARD
 Formation Top Depth: 140.0
 Formation End Depth: 160.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068769
 Layer: 7
 Color: 1
 General Color: WHITE
 Material 1: 18
 Material 1 Desc: SANDSTONE
 Material 2: 78
 Material 2 Desc: MEDIUM-GRAINED
 Material 3:
 Material 3 Desc:
 Formation Top Depth: 275.0
 Formation End Depth: 297.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068765
 Layer: 3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		27.0			
Formation End Depth:		85.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068764			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		27.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068766			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		15			
Material 2 Desc:		LIMESTONE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		85.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068768			
Layer:		6			
Color:		2			
General Color:		GREY			
Material 1:		18			
Material 1 Desc:		SANDSTONE			
Material 2:		15			
Material 2 Desc:		LIMESTONE			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		160.0			
Formation End Depth:		275.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933113012			
Layer:		1			
Plug From:		0.0			
Plug To:		33.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961528157			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598266			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930086857			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		33.0			
Casing Diameter:		10.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930086858			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		297.0			
Casing Diameter:		10.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930086856			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		33.0			
Casing Diameter:		15.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991528157			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		111.0			
Recommended Pump Depth:		250.0			
Pumping Rate:		200.0			
Flowing Rate:					
Recommended Pump Rate:		200.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934112413			
Test Type:					
Test Duration:		15			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387222			
Test Type:					
Test Duration:		30			
Test Level:		53.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934905342			
Test Type:					
Test Duration:		60			
Test Level:		111.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934656550			
Test Type:					
Test Duration:		45			
Test Level:		72.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933487746			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933487747			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		275.0			
Water Found Depth UOM:		ft			

7	1 of 1	ESE/214.7	99.9 / -2.92	lot 20 con 4 ON	WWIS
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Well ID:	1520817	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:	09/05/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	020
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1520817.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/21/1986
Year Completed:	1986
Depth (m):	92.964
Latitude:	45.2721568411081
Longitude:	-75.790225653626
X:	-75.79022549311907
Y:	45.272156833947186
Path:	152\1520817.pdf

Bore Hole Information

Bore Hole ID:	10042658	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	438013.70
Code OB Desc:		North83:	5013488.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03/21/1986	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045913
 Layer: 1
 Color: 6
 General Color: BROWN
 Material 1: 28
 Material 1 Desc: SAND
 Material 2: 05
 Material 2 Desc: CLAY
 Material 3: 13
 Material 3 Desc: BOULDERS
 Formation Top Depth: 0.0
 Formation End Depth: 4.0
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045914
 Layer: 2
 Color: 6
 General Color: BROWN
 Material 1: 28
 Material 1 Desc: SAND
 Material 2: 11
 Material 2 Desc: GRAVEL
 Material 3: 79
 Material 3 Desc: PACKED
 Formation Top Depth: 4.0
 Formation End Depth: 14.0
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931045915
 Layer: 3
 Color: 2
 General Color: GREY
 Material 1: 15
 Material 1 Desc: LIMESTONE
 Material 2: 74
 Material 2 Desc: LAYERED
 Material 3: 78
 Material 3 Desc: MEDIUM-GRAINED
 Formation Top Depth: 14.0
 Formation End Depth: 305.0
 Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961520817
 Method Construction Code: 1
 Method Construction: Cable Tool
 Other Method Construction:

Pipe Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10591228			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930074456			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		22.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930074457			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		305.0			
<i>Casing Diameter:</i>		5.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		991520817			
<i>Pump Set At:</i>					
<i>Static Level:</i>		24.0			
<i>Final Level After Pumping:</i>		120.0			
<i>Recommended Pump Depth:</i>		200.0			
<i>Pumping Rate:</i>		20.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		2			
<i>Water State After Test:</i>		CLOUDY			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934104857			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		55.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934388396			
<i>Test Type:</i>		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649553			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934906634			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933478184			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		195.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933478185			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		297.0			
Water Found Depth UOM:		ft			
<u>8</u>	1 of 1	ESE/218.5	99.9 / -2.92	City of Ottawa Lots 20 and 21, Concession 4 Ottawa ON K1P 1J1	ECA
Approval No:		1308-4WQSW8		MOE District: Ottawa	
Approval Date:		2001-05-18		City:	
Status:		Approved		Longitude: -75.7902	
Record Type:		ECA		Latitude: 45.2721	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-Municipal and Private Water Works			
Project Type:		Municipal and Private Water Works			
Business Name:		City of Ottawa			
Address:		Lots 20 and 21, Concession 4			
Full Address:					
Full PDF Link:					
PDF Site Location:					
<u>9</u>	1 of 1	W/242.5	109.2 / 6.42	O'KEEFE COURT lot 20 con 4 NEPEAN ON	WWIS
Well ID:		1535794		Flowing (Y/N):	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	09/26/2005
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z30790			Contractor:	1119
Tag:	A028638			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	020
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NEPEAN TOWNSHIP				
Site Info:	PLAN 5R13897				
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535794.pdf				

Additional Detail(s) (Map)

Well Completed Date: 08/03/2005
Year Completed: 2005
Depth (m): 103.63
Latitude: 45.2725133278757
Longitude: -75.7959253463559
X: -75.79592518489962
Y: 45.27251332139148
Path: 153\1535794.pdf

Bore Hole Information

Bore Hole ID:	11316333	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	437567.00
Code OB Desc:		North83:	5013532.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	08/03/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 932997186
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:			3.049999952316284		
Formation End Depth:			103.62999725341797		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932997185		
Layer:			1		
Color:					
General Color:					
Material 1:			11		
Material 1 Desc:			GRAVEL		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			3.049999952316284		
Formation End Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			933277482		
Layer:			2		
Plug From:			3.049999952316284		
Plug To:			0.0		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			933277483		
Layer:			1		
Plug From:			6.099999904632568		
Plug To:			3.049999952316284		
Plug Depth UOM:			m		
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:			961535794		
Method Construction Code:			5		
Method Construction:			Air Percussion		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			11331188		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930855743		
Layer:			1		
Material:			1		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:		0.0			
Depth To:		6.710000038146973			
Casing Diameter:		15.8800000114440918			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855744			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.099999904632568			
Depth To:		103.62999725341797			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		11345674			
Pump Set At:		91.44000244140625			
Static Level:		3.4600000381469727			
Final Level After Pumping:		38.65999984741211			
Recommended Pump Depth:		91.44000244140625			
Pumping Rate:		45.5			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455107			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3.7100000381469727			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455118			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.380000114440918			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455120			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		32.61000061035156			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455103		
Test Type:			Draw Down		
Test Duration:			10		
Test Level:			20.729999542236328		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455109		
Test Type:			Draw Down		
Test Duration:			40		
Test Level:			36.56999969482422		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455112		
Test Type:			Recovery		
Test Duration:			25		
Test Level:			8.210000038146973		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455115		
Test Type:			Recovery		
Test Duration:			20		
Test Level:			11.470000267028809		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455116		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			29.280000686645508		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455122		
Test Type:			Recovery		
Test Duration:			2		
Test Level:			34.540000915527344		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			11455102		
Test Type:			Recovery		
Test Duration:			5		
Test Level:			28.969999313354492		
Test Level UOM:			m		
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		11455114			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		32.060001373291016			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455119			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		11.640000343322754			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455123			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		37.90999984741211			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455125			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		36.560001373291016			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455101			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		6.159999847412109			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455111			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		33.959999084472656			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455113			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.480000019073486			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11455117			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		15.979999542236328			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455105				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	15				
<i>Test Level:</i>	26.020000457763672				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455108				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	5				
<i>Test Level:</i>	13.479999542236328				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455110				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	38.65999984741211				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455126				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	4				
<i>Test Level:</i>	30.739999771118164				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455104				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	10				
<i>Test Level:</i>	21.469999313354492				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455121				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	3				
<i>Test Level:</i>	9.649999618530273				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	11455124				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	1				
<i>Test Level:</i>	5.179999828338623				
<i>Test Level UOM:</i>	m				
<u><i>Draw Down & Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		11455106			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		3.559999942779541			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934065038			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		100.58000183105469			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934065037			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		101.19000244140625			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11533914			
Diameter:		15.239999771118164			
Depth From:		0.0			
Depth To:		103.62999725341797			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

10 1 of 1 **SW/242.6** **110.0 / 7.17** **ON** **BORE**

Borehole ID:	848335	Inclin FLG:	No
OGF ID:	215589965	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	12-MAY-1989	Municipality:	
Static Water Level:		Lot:	LOT 20
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.271009
Total Depth m:	4.6	Longitude DD:	-75.794782
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	437655
Drill Method:	Hollow stem auger	Northing:	5013364
Orig Ground Elev m:	107	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	107		
Concession:	CON 4		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6560693	Mat Consistency:	
Top Depth:	1.6	Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	2.1				
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILTY SAND TOPSOIL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560694			Mat Consistency:	
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	2.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAYEY SILT WITH SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560695			Mat Consistency:	Very Dense
Top Depth:	2.9			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Silt - Sand - Gravel			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	HET MIXT OF SILT, SAND AND GRAVEL VERY DENSE SILTY SAND GLACIAL TILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6560692			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND AND GRAVEL BROWN FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				

[11](#)

1 of 1

ENE/248.2

100.9 / -1.92

140 Lusk Street
Ottawa ON K2J

EHS

Order No: 22122300074
Status: C
Report Type: Standard Report
Report Date: 03-JAN-23
Date Received: 23-DEC-22
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.78999
Y: 45.27378

Unplottable Summary

Total: **29** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	TDL GROUP LIMITED	BLK. 114 FALLOWFIELD RD., SWM	NEPEAN ON	
CA	City of Ottawa	Part of Lot 19/20, Concession 4 (RF)	Ottawa ON	
CA	PETRO-CANADA PRODUCTS	FALLOWFIELD RD., BLK.113 (SWM)	NEPEAN CITY ON	
CA	PUBLIC WORKS CANADA	FALLOWFIELD RD.	NEPEAN CITY ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
DTNK	SUPERIOR PROPANE INC	FALLOWFIELD RD	OTTAWA ON	
DTNK	SUPERIOR PROPANE ATTN WARREN HAYES	FALLOWFIELD RD PRT LOT 20 4 RF	OTTAWA ON	
DTNK	SUPERIOR PROPANE INC	FALLOWFIELD RD	NEPEAN ON	
EBR	Regional Group of Companies Inc.	Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA	ON	
EHS		Fallowfield Road	Ottawa (Former Township of Goulburn) ON	
PRT	I C G PROPANE INC	FALLOWFIELD RD PRT LOT 20 4 RF	OTTAWA ON	
PRT	SUPERIOR PROPANE	FALLOWFIELD RD	NEPEAN ON	
PTTW	1578051 Ontario Inc.	Havencrest Development Lots 19 and 20, Concession 4, geographic township of Nepean City of Ottawa CITY OF OTTAWA	ON	
PTTW	Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.	Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa	ON	
SPL	Papier Masson Ltee<UNOFFICIAL>	Hwy 416 at Fallowfield Exit<UNOFFICIAL>	Ottawa ON	
SPL	PRIVATE OWNER	GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL	OTTAWA CITY ON	
SPL	PUBLIC WORKS CANADA	AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK	NEPEAN CITY ON	

SPL	City of Ottawa	between Richmond and Fallowfield	Ottawa ON
SPL	DEPARTMENT OF AGRICULTURE	ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD	OTTAWA CITY ON
SPL	OC Transpo/ City of Ottawa<UNOFFICIAL>	@ Fallowfield	Ottawa ON
WWIS		lot 20 con 4	ON
WWIS		FALLOWFIELD RD	OTTAWA ON
WWIS		lot 20	ON
WWIS		lot 20 con 4	ON
WWIS		lot 21	ON
WWIS		lot 21	ON
WWIS		lot 21 con 4	ON
WWIS		lot 20 con 4	ON
WWIS		lot 21 con 4	ON

Unplottable Report

Site: TDL GROUP LIMITED
BLK. 114 FALLOWFIELD RD., SWM NEPEAN ON

Database:
CA

Certificate #: 3-0846-98-
Application Year: 98
Issue Date: 7/22/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Part of Lot 19/20, Concession 4 (RF) Ottawa ON

Database:
CA

Certificate #: 0669-5RFN7J
Application Year: 2003
Issue Date: 11/10/2003
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: PETRO-CANADA PRODUCTS
FALLOWFIELD RD., BLK.113 (SWM) NEPEAN CITY ON

Database:
CA

Certificate #: 3-1223-94-
Application Year: 94
Issue Date: 10/5/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PUBLIC WORKS CANADA
FALLOWFIELD RD. NEPEAN CITY ON

Database:
CA

Certificate #: 8-4023-88-
Application Year: 88

Issue Date: 9/12/1988
Approval Type: Industrial air
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CHEMICAL STORAGE FAC.
Contaminants:
Emission Control:

Site: **Brandon James Amell**
Highway 416 Ottawa ON

Database:
CONV

File No:
Crown Brief No:
Court Location: Ottawa
Publication City:
Publication Title: Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation
Act: Environmental Protection Act

Location:
Region:
Ministry District:

Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:

Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.

Description: The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.

Background: Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package. On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle. Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp. It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension. The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.

URL: <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

Additional Details

Publication Date: October 15, 2019 4:00 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: On or about April 11, 2018
Date of Conviction: September 18, 2019
Date Charged:
Charge Disposition:
Fine: \$500
Synopsis:

Site: **SUPERIOR PROPANE INC**
FALLOWFIELD RD OTTAWA ON

Database:
DTNK

Delisted Expired Fuel Safety

Facilities

Instance No:	9558985	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	390259	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Propane Filling Plant > 5000 USW		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: SUPERIOR PROPANE ATTN WARREN HAYES
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No:	9631753	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	391550	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Propane Filling Plant > 5000 USW		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: SUPERIOR PROPANE INC
FALLOWFIELD RD NEPEAN ON

Database:
DTNK

Delisted Expired Fuel Safety
Facilities

Instance No:	9669823	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	392708	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSA Max Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	FS Propane Vehicle Conv Centre		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

Site: Regional Group of Companies Inc.
Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA ON

Database:
EBR

EBR Registry No:	012-4505	Decision Posted:	
Ministry Ref No:	MNRF INST 51/15	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	December 13, 2016	Act 2:	
Proposal Date:	July 02, 2015	Site Location Map:	
Year:	2015		
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:	Regional Group of Companies Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9		
Comment Period:			
URL:			

Site Location Details:

Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA

Site:

Database:
EHS

Fallowfield Road Ottawa (Former Township of Goulburn) ON

Order No: 20060922004
Status: C
Report Type: Complete Report
Report Date: 9/25/2006
Date Received: 9/22/2006
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: 0
Y: 0

Site: **I C G PROPANE INC**
FALLOWFIELD RD PRT LOT 20 4 RF OTTAWA ON

Database:
PRT

Location ID: 11051
Type: retail
Expiry Date: 1990-12-31
Capacity (L): 30000
Licence #: 0033255001

Site: **SUPERIOR PROPANE**
FALLOWFIELD RD NEPEAN ON

Database:
PRT

Location ID: 9601
Type: private
Expiry Date: 1992-01-31
Capacity (L): 0.00
Licence #: 0038379001

Site: **1578051 Ontario Inc.**
Havencrest Development Lots 19 and 20, Concession 4, geographic township of Nepean City of Ottawa CITY OF OTTAWA ON

Database:
PTTW

EBR Registry No: 012-4409
Ministry Ref No: 3640-9XLT22
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 02, 2015
Proposal Date: June 19, 2015
Year: 2015
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: 1578051 Ontario Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 237 Somerset Street West, Ottawa Ontario, Canada K2P 0J3
Comment Period:
URL:

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

Site Location Details:

Havencrest Development Lots 19 and 20, Concession 4, geographic township of Nepean City of Ottawa CITY OF OTTAWA

Site: **Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.**
Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa ON

Database:
PTTW

EBR Registry No: IA06E1038
Ministry Ref No: 6114-6SQHA7
Notice Type: Instrument Final Decision
Notice Stage:
Notice Date: November 30, 2006

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:

Proposal Date: August 17, 2006
Year: 2006
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Findlay Creek Properties Ltd. and 1374537 Ontario Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

Site Location Details:

Lots 19, 20, Concession 4 and Lot 20, Concession 5, Ottawa

Site: *Papier Masson Ltee<UNOFFICIAL>*
Hwy 416 at Fallowfield Exit<UNOFFICIAL> Ottawa ON

Database:
 SPL

Ref No: 8546-6BZTJ4
Year:
Incident Dt: 5/2/2005
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/2/2005
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa
Nearest Watercourse:
Site Name: Hwy 416 at Fallowfield Exit<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Other Transport Accident
Incident Preceding Spill:
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 100 L
System Facility Address:
Client Name: Papier Masson Ltee<UNOFFICIAL>
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: Damage By Moving Equipment - Containers damaged by moving
Incident Summary: MVA: Papier Masson 100 L to road.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spill to Highway (Accident)
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report: 0
Material Group: Oil
Impact to Health:
Agency Involved:

Site: PRIVATE OWNER
GENERAL WELDING, FALLOWFIELD RD. STITTSVILLE STORAGE TANK/BARREL OTTAWA CITY ON

Database:
SPL

Ref No: 213503 **Municipality No:** 20107
Year: **Nature of Damage:**
Incident Dt: 10/10/2001 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 10/10/2001 **Impact to Health:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Preceding Spill:
Environment Impact: Possible
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: OTHER
Incident Summary: SPILL OF 2 -3 L FUEL OIL TO GROUND FROM TANK. CLEANED.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: PUBLIC WORKS CANADA
AGRICULTURE CANADA FALLOWFIELD ROAD STORAGE TANK NEPEAN CITY ON

Database:
SPL

Ref No: 79801 **Municipality No:** 20104
Year: **Nature of Damage:**
Incident Dt: // **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 12/11/1992 **Impact to Health:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:

Site Region:
Site Municipality: NEPEAN CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Preceding Spill:
Environment Impact: CONFIRMED
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: CORROSION
Incident Summary: AGRICULTURE CANADA - SOIL CONTAMINATION DUE TO UNDERGROUND TANKS
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: *City of Ottawa*
between Richmond and Fallowfield Ottawa ON

Database:
SPL

Ref No:	3127-83MNVQ	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:		Discharger Report:	
Dt MOE Arvl on Scn:	3/17/2010	Material Group:	
MOE Reported Dt:	3/17/2010	Impact to Health:	
Dt Document Closed:	3/30/2010	Agency Involved:	
Site No:			
MOE Response:	Priority Field Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Forcemain on Eagleson Road @ Rushmore<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:			
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Unknown		
Incident Preceding Spill:			
Environment Impact:	Possible		
Health Env Consequence:			
Nature of Impact:	Human Health/Safety; Soil Contamination; Surface Water Pollution		
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:	City of Ottawa		
Client Type:			
Source Type:			

Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Equipment Failure
Incident Summary: Forcemain break in Richmond, raw unchl swg to ditch, water
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Sewer
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Site: DEPARTMENT OF AGRICULTURE
ANIMAL DISEASE CONTROL CENTRE FALLOWFIELD ROAD OTTAWA CITY ON

Database:
SPL

Ref No: 44068
Year:
Incident Dt: 11/26/1990
Dt MOE Arvl on Scn:
MOE Reported Dt: 11/29/1990
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: OTTAWA CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: UNDERGROUND TANK LEAK
Incident Preceding Spill:
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: CORROSION
Incident Summary: DEPARTMENT OF AGRICULTURE-UNDERGROUND FURNACE OIL TANK LEAKING.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: OC Transpo/ City of Ottawa<UNOFFICIAL>

Database:
SPL

@ Fallowfield Ottawa ON

Ref No: 0663-9BQ7ZM
Year:
Incident Dt: 2013/09/20
Dt MOE Arvl on Scn:
MOE Reported Dt: 2013/09/20
Dt Document Closed:
Site No:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Woodroffe Transitway<UNOFFICIAL>
Site Address: @ Fallowfield
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Unknown / N/A
Incident Preceding Spill:
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact: Other Impact(s)
Contaminant Qty: 300 L
System Facility Address:
Client Name: OC Transpo/ City of Ottawa<UNOFFICIAL>
Client Type:
Source Type:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Unknown / N/A
Incident Summary: OC Transpo: Bus accident, EGR requested
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Site: lot 20 con 4 ON

Database: WWIS

Well ID: 1536188
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17661
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 01/17/2006
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:

Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11550254
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/22/2005
Remarks:
Location 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:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

**Overburden and Bedrock
Materials Interval**

Formation ID: 933043020
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961536188
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11559861
Casing No: 1
Comment:
Alt Name:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 11569337
Pump Set At: 75.0
Static Level: 12.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:

Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Site: FALLOWFIELD RD OTTAWA ON

Database:
WWIS

Well ID: 1535676
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z33652
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 08/04/2005
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 6894
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316215
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/08/2005
Remarks:
Location 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:
East83:
North83:
Org CS:
UTMRC:
UTMRC Desc:
Location Method: na

Annular Space/Abandonment Sealing Record

Plug ID: 933273996
Layer: 2
Plug From: 1.899999976158142
Plug To: 0.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933273995
Layer: 1

Plug From: 14.0
Plug To: 1.899999976158142
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 961535676
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11331070
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11533761
Diameter: 6.0
Depth From: 0.0
Depth To: 7.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11533760
Diameter: 20.0
Depth From: 0.0
Depth To: 18.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 20 ON

Database:
[WWIS](#)

Well ID: 1527942
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 139317
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/09/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
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: 10049484
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1994
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931068042
Layer: 3
Color: 8
General Color: BLACK
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068040
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068041
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933112804
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961527942
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10598054
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086443
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086442
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
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: 991527942
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 80.0
Pumping Rate: 25.0
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: 934111811
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386620
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655949
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904319
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933487482
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Water Details

Water ID: 933487483
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 93.0
Water Found Depth UOM: ft

Site: lot 20 con 4 ON

Database:
WWIS

Well ID:	1521188	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:	02/18/1987
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	07417	Contractor:	3142
Tag:		Form Version:	1

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

Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043024
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/17/1987
Remarks:
Location 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: 931047127
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047128
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047129
Layer: 3
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931047130
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 78.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961521188
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10591594
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075103
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075104
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:
Depth To: 78.0
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: 991521188
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 50.0
Pumping Rate: 40.0
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: 934105888
Test Type:
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389007
Test Type:
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651135
Test Type:
Test Duration: 45
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908364
Test Type:
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933478675
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 76.0

Water Found Depth UOM: ft

Water Details

Water ID: 933478674
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

Site:
lot 21 ON

Database:
WWIS

Well ID: 1519741
Construction Date:
Use 1st: Domestic
Use 2nd:
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: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/03/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3142
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041594
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/16/1985
Remarks:
Location 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: 18
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931042570
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:

Formation Top Depth: 81.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042567
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042569
Layer: 3
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 65.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042568
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961519741
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590164

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072633
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072634
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

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519741
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 0.0
Recommended Pump Depth: 30.0
Pumping Rate: 30.0
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: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934108649
Test Type:
Test Duration: 15
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894683
Test Type:
Test Duration: 60
Test Level: 0.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654899
Test Type:
Test Duration: 45
Test Level: 0.0
Test Level UOM: ft

Water Details

Water ID: 933476800
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 84.0
Water Found Depth UOM: ft

Site:
lot 21 ON

Database:
WWIS

Well ID: 1519738
Construction Date:
Use 1st: Domestic
Use 2nd:
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: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/24/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041591
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1985
Remarks:
Location 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: 931042559
Layer: 2
Color: 2
General Color: GREY
Material 1: 14

Material 1 Desc: HARDPAN
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 112.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042558
Layer: 1
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931042560
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 112.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961519738
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590161
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072630
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 165.0

Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072629
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 113.0
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: 991519738
Pump Set At:
Static Level:
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934384356
Test Type:
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654896
Test Type:
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108646
Test Type:
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934894680
Test Type:
Test Duration: 60

Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933476796
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 140.0
Water Found Depth UOM: ft

Water Details

Water ID: 933476797
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 160.0
Water Found Depth UOM: ft

Site: lot 21 con 4 ON

Database:
WWIS

Well ID: 1522605
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38264
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070681
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/04/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site: lot 20 con 4 ON

Database:
WWIS

Well ID: 1534313
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 267002
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: NEPEAN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/13/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 2
Owner:
County: OTTAWA-CARLETON
Lot: 020
Concession: 04
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097363
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/18/2003
Remarks:
Location 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: 961534313
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101078
Casing No: 1
Comment:
Alt Name:

Site: lot 21 con 4 ON

Database:
WWIS

Well ID: 1522604
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 38263

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 09/27/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558

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

Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 021
Concession: 04
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009070678
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/18/1988
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

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 (MNR), 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-Apr 2024

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-Apr 30, 2024

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-Apr 30, 2024

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-May 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-Apr 30, 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-Apr 30, 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-Mar 31, 2024

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2023

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-May 31, 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-Apr 30, 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-May 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-Apr 30, 2024

Scott's Manufacturing Directory:

Private **SCT**

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial **SPL**

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Mar 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial **SRDS**

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

Government Publication Date: 1990-Dec 31, 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-Apr 30, 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: Dec 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.



2116885 Ontario Inc. and DCR Phoenix
Development Corporation Limited
July 31, 2024

Phase I Environmental Site Assessment
4401 Fallowfield Road
Ottawa, Ontario
240639

ATTACHMENT F

SITE PHOTOGRAPHS



Site Facing West



View of site facing south and east



Storm management pond facing northeast



Site facing west



View of storm pond facing south



View of some fill pile and hotel facing east



View of recreation area located north of site.



View of O'Keefe Court on north side of site facing west.



View from O'Keefe Court facing east



View of newly constructed hotel located east of site



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240639

ATTACHMENT G

PROPERTY INFORMATION/CITY OF OTTAWA ZONING

City of Ottawa

Property Information

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

Date/Time Generated: Run on: 7/9/2024 2:10 PM

Property Parcel:

Calculated Parcel Area^[i]: 33983.91 m² (365799.38 ft²) (3.40 ha)

Main Address:

4401 Fallowfield Rd

Solid Waste Collection:

Waste Contractor: Miller

Zone: 2

Pickup Day/Calendar: THURSDAY/A

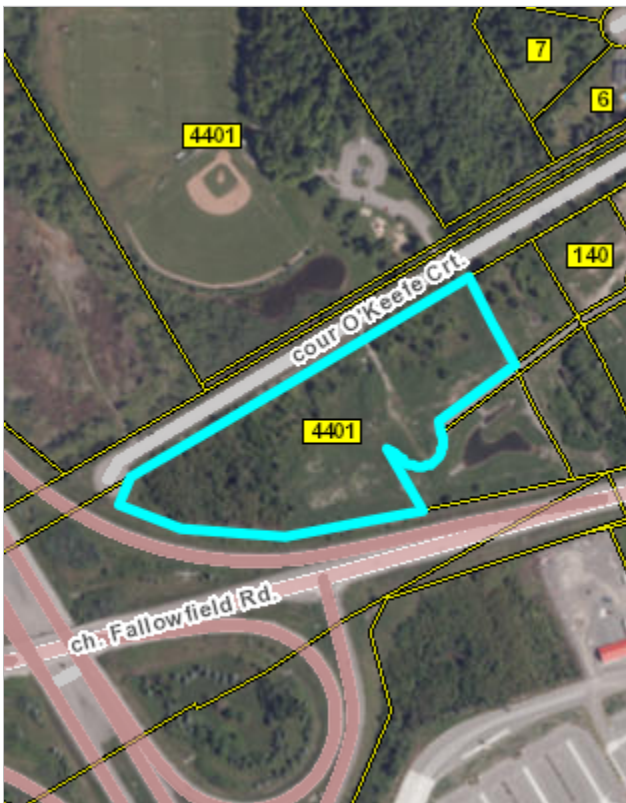
Ward Information:

Number: 3

Ward Name: Barrhaven West

Councillor Name: David Hill

Property Aerial Photo



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

Part 11 – Industrial Zones (Sections 199-206)

The information contained in this part covers the zones applied to the urban and suburban areas of the City in accordance with the industrial land use designations of the Official Plan, and includes the IP-Business Park, IL-Light Industrial, IG- General Industrial and IH-Heavy Industrial Zones.

The City of Ottawa Zoning By-law is made available on the web site for information, however confirmation on the zoning provisions should be sought through the City's development information officers (DIO), by contacting 311 and asking for the DIO for the geographic area in question.

IG – General Industrial Zone (Section 199-200)

Purpose of the Zone

The purpose of the IG – General Industrial Zone is to:

- (1) *permit a wide range of low to moderate impact, light industrial uses in accordance with the **Employment Area** designation of the Official Plan or, the **General Urban Area** designation where applicable;*
- (2) *allow in certain **Employment Areas** or **General Urban Areas**, a variety of complementary uses such as recreational, health and fitness uses and service commercial (e.g. convenience store, personal service business, restaurant, automobile service station and gas bar), occupying small sites as individual occupancies or in groupings as part of a small plaza, to serve the employees of the Employment or **General Urban Area**, the general public in the immediate vicinity, and passing traffic;*
- (3) *prohibit retail uses in areas designated as **Employment Area** but allow limited sample and showroom space that is secondary and subordinate to the primary use of buildings for the manufacturing or warehousing of the product; and*
- (4) *provide development standards that would ensure that the industrial uses would not impact on the adjacent non-industrial areas.*

199. In the IG Zone:

Permitted Uses

- (1) The following uses are permitted subject to:
 - (a) the provisions of subsections 199(3) to (5);

animal care establishment (By-law 2015-190)
 animal hospital
automobile body shop
broadcasting studio
Cannabis Production Facility, contained within a building that is not a greenhouse.
 (By-law 2019-222)
catering establishment
crematorium
drive-through facility
emergency service
 garden nursery
heavy equipment and vehicle sales, rental and servicing
kennel
leaf and yard waste composting facility
light industrial uses
medical facility
office
park
parking garage
parking lot
personal brewing facility (By-law 2019-41)
place of assembly
 printing plant
production studio
research and development centre
service and repair shop
storage yard
technology industry
training centre
 truck transport terminal
 warehouse
waste processing and transfer facility (non-putrescible) (By-law 2014-289)

(2) The following uses are also permitted subject to:

- (a) the provisions of subsection 199(3) to (5);
- (b) the cumulative total gross floor area for these uses not exceeding 2,999 m², and (OMB Order #PL080959, issued September 18, 2009)
- (c) each use not exceeding 300 square metres of gross floor area;

animal care establishment
automobile dealership
automobile rental establishment
automobile service station
bank
 bank machine
bar (By-law 2018-171)
car wash
convenience store
gas bar
instructional facility
personal service business
 post office
recreational and athletic facility
restaurant (By-law 2019-338)

- (d) a bar
- (i) must be ancillary to a permitted brewery, winery or distillery; and,
 - (ii) may not have a gross area exceeding the lesser of:
 - (1) 300 m², or
 - (2) 25% of the floor area of the brewery, winery or distillery to which it is ancillary. (By-law 2018-171)

Zone Provisions

- (3) The zone provisions are set out under Table 199 below.

TABLE 199 - IG ZONE PROVISIONS

I ZONING MECHANISMS		II PROVISIONS
(a) Minimum lot area		1,000 m ²
(b) Minimum lot width		No minimum
(c) Maximum lot coverage		65%
(d) Minimum front yard and corner side yard		3 m
(e) Minimum interior side yard	(i) for uses listed in subsection 199(1) abutting a residential or institutional zone	15 m
	(ii) all other cases	3 m
(f) Minimum rear yard	(i) for uses listed in subsection 199(1) abutting a residential or institutional zone	15 m
	(ii) all other cases	3 m
(g) Maximum floor space index		2, unless otherwise shown on the zoning maps
(h) Maximum building height	(i) within 20 metres of a property line abutting a residential zone	11 m
	(ii) in all other cases	22 m, unless otherwise shown on the zoning maps or schedules
(i) Minimum width of landscaped area	(i) abutting a residential or institutional zone	3 m
	(ii) abutting a street	3 m
	(iii) in all other cases	No minimum

- (4) Accessory **display and sales area** must be within the same building as the use to which it is accessory and must not exceed 25% of the gross floor area of that use.
- (5) For other applicable provisions, see Part 2 – General Provisions, Part 3 – Special Use provisions, and Part 4 – Parking, Queuing and Loading Provisions.

IG SUBZONES

200. In the IG Zone, the following subzones apply:

IG1 Subzone

- (1) In the IG1 Subzone:
 - (a) the following uses are prohibited:
 - animal care establishment**
 - automobile body shop**
 - automobile dealership**
 - automobile rental establishment**
 - kennel, see Part 3, Section 84**
 - (b) the following uses are also permitted:
 - amusement center**
 - amusement park**
 - (c) the provisions of subsections 199(3)(c), (e) and (f) do not apply and the provisions set out in Table 200A below apply.

TABLE 200A – IG1 SUBZONE PROVISIONS

I ZONING MECHANISMS		II PROVISIONS
(i) Maximum lot coverage		80%
(ii) Minimum interior side yard	1. uses listed in subsection 199(1) abutting a residential zone	7.5 m
	2. all other cases	3 m
(iii) Minimum rear yard	1. uses listed in subsection 199(1) abutting a residential zone	7.5 m
	2. all other cases	3 m

IG2 Subzone

- (2) In the IG2 Subzone:
 - (a) the uses listed in Section 199 (2) do not apply, and only the following uses are permitted, subject to Section 199 (2) (a), (b), and (c):

bank
 bank machine
drive through facility
gas bar
 post office
restaurant (By-law 2019-338)

- (b) the provisions of subsection 199(3) do not apply and the provisions set out in Table 200B below apply.

TABLE 200B – IG2 SUBZONE PROVISIONS

I ZONING MECHANISMS		II PROVISIONS
(i) Minimum lot area		1 300 m ²
(ii) Minimum lot width		30 m
(iii) Minimum lot depth		45 m
(iv) Maximum lot coverage		50%
(v) Minimum front yard and corner side yard	1. from Hazeldean Road	15 m
	2. from Terry Fox Drive	12 m
	3. from other streets	7.5 m
(vi) Minimum interior side yard		6 m
(vii) Minimum rear yard	1. from Hazeldean Road	15 m
	2. from Terry Fox Drive	12 m
	3. from other streets	7.5 m
(viii) Minimum width of landscaped area abutting residential and commercial		3 m
(ix) Maximum building height		13.5 m, unless otherwise shown on the zoning maps or schedules
(ix) Maximum floor space index		0.5, unless otherwise shown on the zoning maps

- (b) the following provisions also apply:
- (i) outdoor storage area must not exceed 50% of the lot area;
 - (ii) outdoor storage area must be located in the rear yard only;
 - (iii) overnight outdoor storage of automobile parts and accessories is prohibited; and

- (iv) the parking, storage or salvaging of derelict motor vehicles on the property is prohibited.

IG3 Subzone

- (3) In the IG3 Subzone:
 - (a) The following uses listed in Section 199(2) are prohibited:
 - animal care establishment**
 - automobile dealership**
 - automobile rental establishment**
 - bank machine**
 - post office**
 - recreational and athletic facility (By-law 2008-326)**

IG4 Subzone

- (4) In the IG4 Subzone:
 - (a) the uses listed in Section 199 (2) do not apply, and only the following uses are permitted, subject to Section 199 (2) (a), (b), and (c):
 - animal care establishment
 - automobile dealership**
 - automobile rental**
 - instructional facility**
 - recreational and athletic facility**
 - restaurant**

IG5 Subzone

- (5) In the IG5 Subzone:
 - (a) the following uses, listed in paragraph 199 (2) are prohibited:
 - animal care establishment**
 - automobile dealership**
 - car wash**
 - convenience store**
 - gas bar (OMB Order #PL080959 issued March 18, 2010)**

IG6 Subzone

- (6) In the IG6 Subzone
 - (a) the following use is also permitted:
 - place of assembly**
 - (b) the following uses are prohibited:

animal care establishment
animal hospital
automobile body shop
automobile dealership
automobile rental establishment
automobile service station
 car wash
 convenience store
crematorium
 gas bar
heavy equipment and vehicle sales, rental and servicing
hotel
instructional facility, unless it is limited to computer training
personal brewing facility (By-law 2019-41)
personal service business
restaurant
 truck transport terminal (OMB Order #PL080959 issued March 18, 2010)

- (c) the provisions of Section 100(1)(c) do not apply;
- (d) provision (g) in Table 199 regarding maximum floor space index does not apply;
- (e) the provisions of subsections 199 (3)(a), (b), (c), (d), (e) and (f), do not apply and the provisions set out under Table 200C below apply;

TABLE 200C - IG6 SUBZONE PROVISIONS

I ZONING MECHANISMS	II PROVISIONS
(i) Minimum lot area	4 000 m ²
(ii) Minimum lot width	45 m
(iii) Minimum front yard and corner side yard	12 m
(iv) Minimum interior side yard and rear yard	7.5 m
(v) Maximum lot coverage	45%

IG7 Subzone

- (7) the uses listed in Section 199 (2) do not apply, and only the following uses are permitted, subject to Section 199 (2) (a), (b), and (c):

amusement centre
automobile service station
instructional facility
recreational and athletic facility
restaurant (OMB Order #PL080959 issued March 18, 2010)

IH – Heavy Industrial Zone (Section 201-202)

Purpose of the Zone

The purpose of the IH – Heavy Industrial Zone is to:

- (1) permit a wide range of industrial uses, including those which, by their nature, generate noise, fumes, odours, and are hazardous or obnoxious, in accordance with the **Employment Area** designation of the Official Plan or, the **General Urban Area** designation where applicable;
- (2) allow in certain **Employment Areas** or **General Urban Areas**, a variety of complementary uses such as recreational, health and fitness uses and service commercial (e.g. convenience store, personal service business, restaurant, automobile service station and gas bar), occupying small sites as individual occupancies or in groupings as part of a small plaza, to serve the employees of the **Employment** or **General Urban Area**, the general public in the immediate vicinity, and passing traffic;
- (3) prohibit retail uses in areas designated as **Employment Area** but allow limited sample and showroom space that is secondary and subordinate to the primary use of buildings for the manufacturing or warehousing of the product; and
- (4) provide development standards that would ensure that the industrial uses would not impact on the adjacent non-industrial areas.

201. In the IH Zone:

Permitted Uses

- (1) The following uses are permitted subject to:
 - (a) the provisions of subsections 201(3) to (5);

animal care establishment (By-law 2015-190)
animal hospital
automobile body shop
automobile service station
broadcasting studio
Cannabis Production Facility, contained within a building that is not a greenhouse.
 (By-law 2019-222)
catering establishment
crematorium
drive-through facility
emergency service
 garden nursery
heavy equipment and vehicle sales, rental and servicing
heavy industrial uses
 kennel, *see Part 3, Section 84*
leaf and yard waste composting facility
light industrial uses
office
parking garage
parking lot
personal brewing facility (By-law 2019-41)
 printing plant
production studio
research and development centre
service and repair shop
storage yard
technology industry
training centre
 truck transport terminal
 warehouse
waste processing and transfer facility (By-law 2014-289)

- (2) The following uses are also permitted subject to:
- (a) the provisions of subsections 201(3) to (5);
 - (b) the cumulative total gross floor area for these uses not exceeding 2,999 m²; (OMB Order #PL080959, issued September 18, 2009)
 - (c) each use not exceeding 300 square metres of gross floor area; and
 - (d) the provisions of subsection 201(2)(c) above not applying to amusement centre and recreational and athletic facility;

amusement centre
animal care establishment
bank
 bank machine
bar (By-law 2018-171)
car wash
convenience store
gas bar
instructional facility
personal service business
place of assembly
 post office
recreational and athletic facility
restaurant (By-law 2019-338)

(e) a **bar**

- (i) must be ancillary to a permitted brewery, winery or distillery; and,
- (ii) may not have a gross floor area exceeding the lesser of:
 - (1) 300m², or
 - (2) 25% of the floor area of the brewery, winery or distillery to which it is ancillary. (By-law 2018-171)

Zone Provisions

(3) The zone provisions are set out under Table 201 below.

TABLE 201 - IH ZONE PROVISIONS

I ZONING MECHANISMS		II PROVISIONS
(a) Minimum lot area		4,000 m ²
(b) Minimum lot width		No minimum
(c) Minimum front yard and corner side yard		7.5 m
(d) Minimum interior side yard and rear yard	(i) uses listed under Section 201(1) abutting a residential or institutional zone	15 m
	(ii) all other cases	7.5 m
(e) Maximum floor space index		2
(f) Maximum building height		22 m
(g) Minimum width of landscaping	(i) abutting a residential or institutional zone	7.5 m
	(ii) in all other cases	3 m