



REPORT

Phase One Environmental Site Assessment

250 Forestglade Crescent, Ottawa, Ontario

Submitted to:

Ottawa Aboriginal Coalition

Joan Riggs
Catalyst@bellnet.ca
150 Elgin Street, 10th Floor
Ottawa, ON, K2P 1L4

Canada Mortgage and Housing Corporation

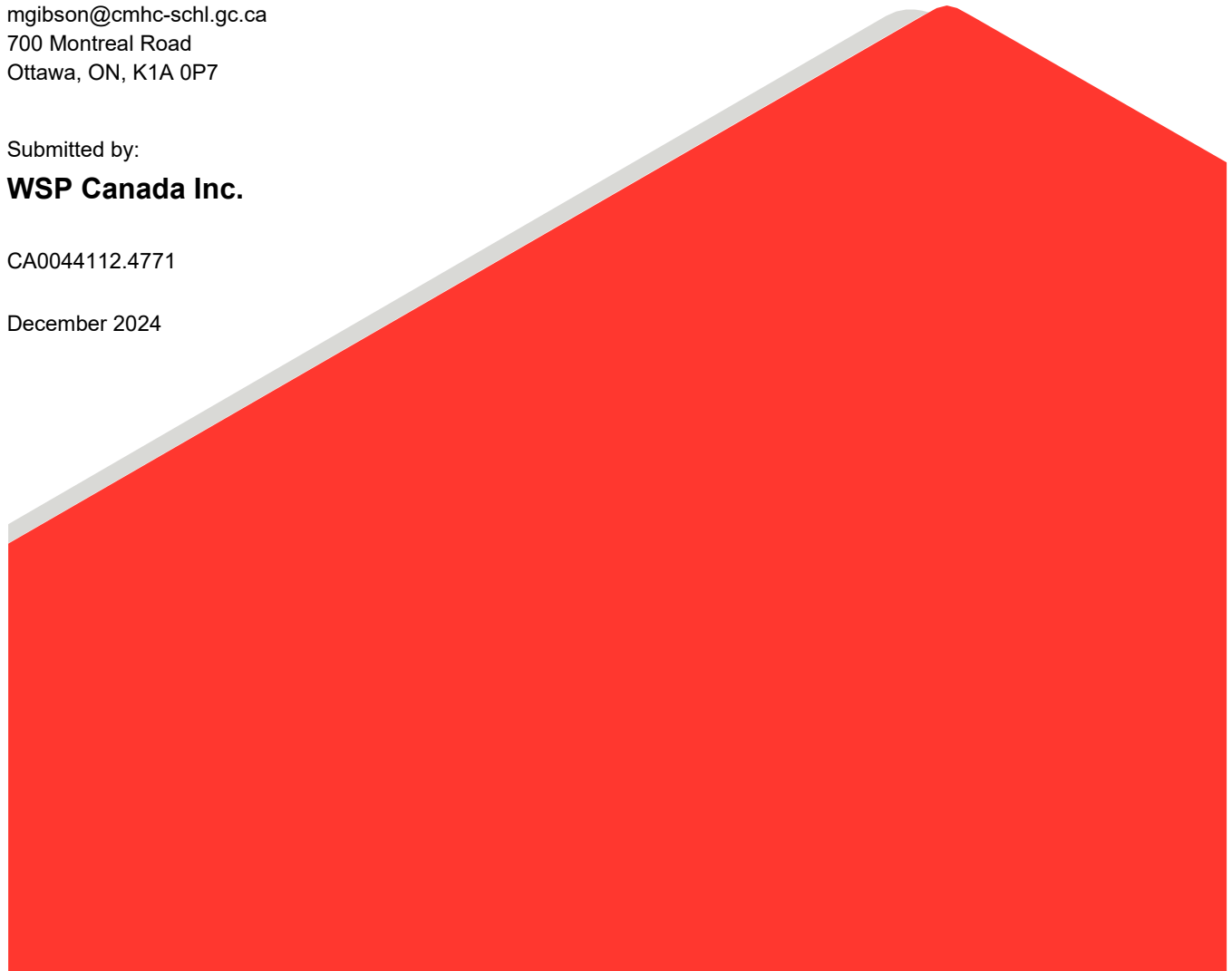
Melissa Gibson
mgibson@cmhc-schl.gc.ca
700 Montreal Road
Ottawa, ON, K1A 0P7

Submitted by:

WSP Canada Inc.

CA0044112.4771

December 2024



Distribution List

1 e-copy FoTenn Planning + Design

1 e-copy WSP Canada Inc.

Record of Issue

Client	Version	Date Issued	Notes
FoTenn Design + Planning	Rev0	December 13, 2024	Final (.pdf)

Table of Contents

1.0 EXECUTIVE SUMMARY1

2.0 INTRODUCTION1

2.1 Phase One Property Information.....1

3.0 SCOPE OF INVESTIGATION1

4.0 RECORDS REVIEW2

4.1 General.....2

4.1.1 Phase One Study Area Determination.....2

4.1.2 First Developed Use Determination2

4.1.3 Insurance Records2

4.1.4 Chain of Title2

4.1.5 City of Ottawa.....2

4.1.6 Environmental Reports3

4.2 Environmental Source Information.....3

4.2.1 ERIS Report3

4.2.2 Technical Standards and Safety Authority, Fuel Safety Division Records5

4.3 Physical Setting Sources5

4.3.1 Aerial Photographs5

4.3.2 Topography, Hydrology and Geology7

4.3.3 Fill Materials7

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information.....8

4.3.5 Well Records.....9

4.4 Site Operating Records.....9

5.0 INTERVIEWS9

6.0 SITE RECONNAISSANCE9

6.1 General Requirements9

6.2 Specific Observations at Phase One Property.....9

6.2.1 Enhanced Investigation Property 11

6.3 Surrounding Land Use 11

6.4 Written Description of Investigation 11

7.0 REVIEW AND EVALUATION OF INFORMATION 11

7.1 Current and Past Uses 11

7.2 Potentially Contaminating Activity 12

7.3 Areas of Potential Environmental Concern 12

7.4 Phase One Conceptual Site Model 12

8.0 CONCLUSIONS 13

8.1 Need for a Phase Two ESA 13

8.2 RSC based on Phase One ESA 13

9.0 REFERENCES 14

10.0 LIMITATIONS AND USE OF REPORT 14

11.0 CLOSURE 15

APPENDICES

APPENDIX A
Figures

APPENDIX B
ERIS Report

APPENDIX C
Regulatory Responses

APPENDIX D
Photographs

1.0 EXECUTIVE SUMMARY

WSP Canada Inc. (WSP) was retained by FoTenn Planning + Design (FoTenn) to conduct a Phase One Environmental Site Assessment (Phase One ESA) of the property at 250 Forestglade Crescent in Ottawa, Ontario (Phase One Property). The Phase One Property is irregular in shape and approximately 0.23 hectares (ha) in size. It is located at the northeast corner of Forestglade Crescent and Blohm Drive.

At the time of the site reconnaissance, conducted on November 5, 2024, the Phase One Property consisted of undeveloped land. The Phase One Property is currently owned by City of Ottawa and is zoned for residential development (R3L). WSP understands that the Phase One Property is to be developed in the future.

The Phase One ESA was completed in general accordance with Ontario Regulation (O.Reg.) 153/04 and included a review of available current and historical information, a site visit, an interview, and reporting, subject to the limitations outlined in Section 9.0 of this report. The Phase One Property is not considered an enhanced investigation property as defined by O.Reg. 153/04.

Based on the information obtained and reviewed as part of this Phase One ESA, one potentially contaminating activity (PCA) and no areas of potential environmental concern (APEC) were identified. A Phase Two Environmental Site Assessment is not recommended at this time.

2.0 INTRODUCTION

2.1 Phase One Property Information

WSP was retained by Fotenn to conduct a Phase One ESA of the property identified below.

Municipal Address	250 Forestglade Crescent, Ottawa, Ontario
Property Identification Number (PIN)	04165-0476
Legal Description	Unknown

The location of the Phase One Property is provided in Figure 1 in Appendix A.

Contact information for the Phase One Property owner provided below.

Site Owner / Client	Address	Contact Information
Client: FoTenn Owner: City of Ottawa	420 O'Connor Street Ottawa, ON K2P 1W4 613.730.5709	Ganessa Bates 613-7305709 ext. 288 bates@fotenn.com

3.0 SCOPE OF INVESTIGATION

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

According to O.Reg. 153/04 Records of Site Condition, the objectives of a Phase One ESA are to:

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

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area Determination

For this Phase One ESA, the Phase One Study Area is the area within 250 m of the boundary of the Site. Based on WSP's review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site, and observations of neighbouring properties made during the site visit, it was concluded an assessment of information pertaining to properties within the Phase One Study Area was sufficient to achieve the objectives of the Phase One ESA. The Phase One Study Area is shown on Figure 1, Appendix A.

4.1.2 First Developed Use Determination

The date of first developed use of the Phase One Property was determined based on review of Historical Land Use Information, aerial photographs, an Environmental Risk Information Services Ltd. (ERIS) Report, and information provided by the Site Representative. The Site was purchased by Richcraft Homes who began the residential development of the lands surrounding the in 1980s. In 1992 the Site was partitioned from the surrounding residential development and transferred to the City of Ottawa as a condition of subdivision approval. The Site was intended to be utilized by the City of Ottawa as a childcare facility, however the property was never developed and is currently listed as surplus land by the City of Ottawa.

4.1.3 Insurance Records

WSP conducted a search of Fire Insurance Plans (FIPs) for the Phase One Property and surrounding properties within the Phase One Study Area. FIPs were not available for the Phase One Property or the Phase One Study Area.

4.1.4 Chain of Title

From WSP's review of the aerial photography and other information, the Phase One Property has been undeveloped, agricultural and/or vacant land since at least 1965. Chain of title information was not ordered as it was deemed that other information from the records review would satisfy the objective of the records search and that the information that would be provided in a Chain of Title would not contribute any additional environmental information relevant to the Phase One ESA.

4.1.5 City of Ottawa

A Historical Land Use Information (HLUI) request was submitted for the Phase One Property and all features within 250 m of the property. The HLUI indicated several features which are summarized in the table below.

Several noteworthy features identified in the HLUI were found to be outside of the Phase One Study Area and are therefore not relevant for the scope of the investigation.

Facility Type	Year	Distance from Phase One Property (m)
Unnamed Quarry	1968	0 (19.4 ha quarry feature encompasses the Phase One Property and adjacent residential properties)
Service Industries Incidental to Air Transport	2001-2005	225
Stone Quarries	1922-1989	>250
Landfill	1976-1981	>250
Private Fuel Outlet	Current	>250

4.1.6 Environmental Reports

WSP was not provided with any previous environmental reports for the Phase One Property or neighbouring properties.

4.2 Environmental Source Information

4.2.1 ERIS Report

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

The database search included the following:

Federal	Provincial	Private
<ul style="list-style-type: none"> Contaminated Sites on Federal Land Dry Cleaning Facilities Environmental Effects Monitoring Environmental Issues Information Systems Federal Convictions Fisheries and Oceans Fuel Storage Tanks Greenhouse Gas Emissions from Large Facilities Indian and Northern Affairs Fuel Tanks National Analysis of Trend in Emergencies System 	<ul style="list-style-type: none"> Abandoned Aggregate Inventory Aggregate Inventory Abandoned Mine Information System Aboveground Storage Tanks Borehole Certificates of Approval Certificates of Property Use Commercial Fuel Oil Tanks Compliance and Convictions Drill Hole Database Environmental Activity and Sector Registry Environmental Compliance Approval 	<ul style="list-style-type: none"> Anderson's Storage Tanks Anderson's Waste Disposal Sites Automobile Wrecking & Supplies Canadian Mine Locations Canadian Pulp and Paper Chemical Register Compressed Natural Gas Stations ERIS Historical Searches Oil and Gas Wells Retail Fuel Storage Tanks Scott's Manufacturing Directory

Federal	Provincial	Private
<ul style="list-style-type: none"> National Defence & Canadian Forces Fuel Storage Tanks Nation Defence & Canadian Forces Spills National Defence & Canadian Forces Disposal Sites National Energy Board Pipeline Incidents Nation Energy Board Wells National Environmental Emergencies System National PCB Inventory National Pollutant Release Inventory Park Canada Fuel Storage Tanks Transport Canada Fuel Storage Tanks 	<ul style="list-style-type: none"> Emergency Management Historical Event Environmental Registry Fuel Storage Tank Fuel Storage Tank Historic Inventory of Coal Gasification Plants and Tar Sites Inventory of PCB Storage Sites Landfill Inventory Management Ontario List of TSSA Expired Facilities Environmental Penalty Annual Report Ontario Oil and Gas Wells Ontario Regulation 347 Waste Generators Summary Ontario Spills Orders Permit to Take Water Pesticide Register Private and Retail Fuel Storage Tanks Record of Site Condition TSSA Historic Incidents TSSA Incidents TSSA Pipeline Incidents TSSA Variances for Abandonment of Underground Storage Tanks Waste Disposal Sites – MOECC 1991 Historical Approval Inventory Waste Disposal Sites – MOECC CA Inventory Wastewater Discharger Registration Database Water Well Information System 	

Phase One Property

- No listings were identified for the Phase One property in the ERIS search.

Phase One Study Area (Within 250 metres of the Site)

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

- Certificates of Approval (CA) – There were two Certificates of Approval (C of A) listings within the Phase One Study Area. Both of which were for lots 4 and 5 Hunterswood Crescent. One C of A record is for municipal sewage and the other is for municipal water. Both C of As were issued on the 7/29/1992.
- Pipeline Incidents (PINC) – There is a record of a Pipeline Incident within the Phase One Study Area. The Pipeline Incident occurred on 10/5/2021 and involved an Enbridge natural gas pipeline.
- Ontario Spills (SPL) – An Ontario Spill record is provided from the Pipeline incident listed above. The Ontario Spill record indicates a line strike resulted in the incident and that there was no impact to health or the environment. The line was repaired following the strike.

4.2.2 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (TSSA) maintains records related to registered underground storage tanks (USTs) for petroleum-related products. The TSSA was contacted to establish the status of the Phase One Property and to identify outstanding instructions, incident reports, fuel oil spills, or contamination records. On November 27, 2024, TSSA reported via e-mail that there were no records on file pertaining to the Phase One Property. A copy of this response is provided in Appendix C.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Aerial imagery for the Phase One Property and the surrounding area was reviewed by WSP. All aerial images reviewed were accessed from the City of Ottawa's online mapping tool, GeoOttawa. Information obtained from the review of the aerial photography is summarized below. Based on the review of the aerial imagery, the Phase One Property appears to have not been developed and has remained as vacant land since at least the 1965. The surrounding properties primarily included agricultural fields, and residential communities since at least 1991.

Year	Phase One Property	Surrounding Area
1965	The Site consists of a treed area adjacent to agricultural fields.	<p>North: Treed areas followed by agricultural fields.</p> <p>South: Agricultural fields.</p> <p>East: Agricultural fields followed by Hawthorne Road. On the eastern edge of Hawthorne Road, a fill pile is present with agricultural structures.</p> <p>West: Agricultural fields with treed areas.</p>
1976	The Site is cleared, and adjacent lands are undergoing land development.	<p>North: Generally, as per 1965 aerial photograph.</p> <p>South: Cleared lands that appear to be in the predevelopment stage.</p> <p>East: Cleared lands followed by Hawthorne Road. Industrial space on the eastern edge of Hawthorne road.</p> <p>West: Cleared agricultural lands with some treed sections.</p>
1991	Land is cleared for residential development.	<p>North: Land directly to the north has been cleared for residential development. Blohm Drive is present in early stages of construction.</p> <p>South: Lands directly to the south are cleared. The land across Hunt Club Road is agricultural.</p> <p>East: Generally, as per 1976 conditions. Development has continued.</p> <p>West: Lands immediately to the west are cleared and in the pre-development stage, built residential areas are present approximately 350 m from the western boundary of the Site.</p>
2002	Site is undeveloped and grass covered.	<p>North: Lands directly to the north are fully a developed residential area.</p> <p>South: Lands immediately to the south are a developed residential area. Further to the south is Hunt club Road, followed by agricultural lands.</p> <p>East: Residential development followed by Hawthorne Road. To the east of Hawthorne Road is an industrial development.</p> <p>West: Residential land.</p>
2015	Generally, as per the 2002 aerial photograph.	Generally, as per the 2002 aerial photograph.
2022	Generally, as per the 2002 aerial photograph.	Generally, as per the 1981 aerial photograph, with the exception of a gasoline service station located 350 metres to the southeast of the Site at the intersection of Hunt Club Road and Hawthorne Roads.

No evidence of a quarry have been operated at the Phase One Property was identified through review of the aerial photographs.

4.3.2 Topography, Hydrology and Geology

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

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The central parts of the Site are generally flat, with a decrease of elevation to the south toward Forestglade Crescent.	Site and surrounding area observations
Overburden Soils	Alluvial deposits of silt, clay, sand, gravel and may contain organic remains.	Surficial Geology of Southern Ontario. Ontario Geological Survey, Miscellaneous Release – Data 128-REV. scale 1:50,000
Type of Bedrock	Shale, limestone, dolostone, siltstone. Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Formation; Eastview Formation	Bedrock Geology of Ontario. Ontario Geological Survey, Miscellaneous release – Data 126 – Revision 1. Scale 1:250,000
Depth to Bedrock	Bedrock depth was inferred from the Ontario Geologic Survey, Bedrock Topography and Drift thickness Map. A data point located approximately 300 m east of the Site is reported to have a depth to bedrock of 1.33 mbgs. The depth to bedrock at the Site is expected to be similar.	Bedrock topography and overburden thickness mapping, southern Ontario. Ontario Geological Survey, Miscellaneous release – Data 207
Inferred Near Surface Groundwater Flow	Shallow groundwater flow is assumed to be northeast toward McEwan Creek. Buried utilities and other underground structures can affect local (shallow) groundwater flow conditions. Inferred groundwater flow directions are subject to confirmation with field measurements.	The Atlas of Canada, Toporama, Natural Resources Canada
Site Grade Relative to the Adjoining Properties	Ground surface at the Site appears to follow the topography of the area and is at similar elevation with respect to adjacent properties.	Site observations
Depth to Groundwater	Depth to groundwater is unknown as there have been no previous investigations of the Phase One Property and no well records were identified within the Phase One Study Area.	Ontario Water Well Information System (WWIS) database

4.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	None observed or reported at the time of the site visit.	Site observations, Aerial Imagery

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

Topic	Conditions	Comment / Source
Nearest Open Water Body	The nearest water body is McEwan Creek, an ephemeral creek. The Creek is located approximately 480 metres to the north of the Site. The nearest continuously flowing waterbody is Ramsay Creek, located approximately 1100 metres to the north of the Site.	The Atlas of Canada, Toporama, Natural Resources Canada, site visit
Areas of Natural Significance (ANSI)	None identified within the Phase One Study Area.	Ministry of Natural Resources and Forestry, Make a Map: Natural Heritage Areas on-line database
Provincial Parks or Conservation Reserves	Not present.	Ministry of Natural Resources and Forestry, Make a Map: Natural Heritage Areas on-line database
Provincially Significant Wetlands or Designated Wilderness Areas	Not present.	Ministry of Natural Resources and Forestry, Make a Map: Natural Heritage Areas on-line database
Environmentally Significant Areas per Municipal Official Plan(s)	The Greenbelt is located approximately 200 m to the south of the Site.	GeoOttawa
Areas Designated Under the Niagara Escarpment Plan or the Oak Ridges Moraine Conservation Plan	Not present.	Ministry of Natural Resources and Forestry, Make a Map: Natural Heritage Areas on-line database
Threatened or Endangered Species Habitat	A natural heritage report was not available for review.	-
Wellhead Protection Areas	The Phase One Study Area is not within a well-head protection area or other area identified by a municipality in its official plan for the protection of groundwater.	MECP Source Protection Atlas, Official Plans
Municipal Drinking Water Distribution Systems	The Site is not currently serviced by municipal drinking water services, however neighbouring properties are serviced with municipal drinking water and wastewater services.	GeoOttawa

4.3.5 Well Records

Topic	Conditions	Comment / Source
Wells (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table)	No wells were identified within the Phase One Study Area.	ERIS report and site observations

4.4 Site Operating Records

At the time of the site visit, the Phase One Property was undeveloped lands within a residential neighbourhood. No site operating records were provided to WSP for review.

5.0 INTERVIEWS

As the City of Ottawa is the current property owner the HLUI, is considered a Site interview.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

Evan Angus (Junior Environmental Consultant) of WSP visited the Phase One Property for one hour on November 10, 2024, at 9 a.m. The site visit consisted of a walk-around the Phase One Property along with a cursory inspection of surrounding properties from the Phase One Property and publicly accessible areas. The weather conditions were overcast, and the temperature was approximately 15°C. The Phase One Property was undeveloped land at the time of the site visit. The ground was covered by grass and small shrubs with mature trees on the boundary. Photographs of relevant features noted during the site visit are provided in Appendix D.

6.2 Specific Observations at Phase One Property

The specific observations made during the site visit are presented below.

Topic	Observations	Source
Structures		
Number and Age or Construction Date of Buildings on the Site	Not applicable.	Site observations, Site Representative
General Descriptions of Each Building (including improvements)	Not applicable.	Site observations, Site Representative
Building Areas	Not applicable.	Site observations
Number of Floors (include all levels, whether above or below ground)	Not applicable.	Site observations
Number, Age, and Depth of Levels Below Ground Level	Not applicable.	Site observations
Number and Details of all Aboveground Storage Tanks (ASTs)	No ASTs were observed or reported on the Phase One property.	Site observations, Site Representative 2017 Phase I ESA

Topic	Observations	Source
Number and Details of all Underground Storage Tanks (USTs)	No USTs were observed or reported on the Phase One Property.	Site observations, Site Representatives
Underground Utilities		
Potable and Non-Potable Water Sources	The Site is not connected with municipal water services. Surrounding properties are serviced and the Site likely can be serviced in future.	Site Representative
Utility Lines Present (e.g., Electrical, Natural Gas, other)	No utility drawings are available for the Site.	Site Representative
Sanitary/Process Wastewater Receptor	No sanitary or process wastewater is generated on-Site. Surrounding properties are serviced and the Site likely can be serviced in future.	Site observations
Sanitary Sewer Connection	No sanitary sewer connection is available at the Site. Surrounding properties are serviced and the Site likely can be serviced in future.	Site observations, Site representative
Septic Systems	None identified.	Site observations, Site Representative
Storm Water Flow	Infiltration and storm sewers present on adjacent roadways.	Site observations
Storm Sewer Connection	Storm sewer connection is available at the Site.	Site observations, Site Representative
Interior of Structures		
Entry and Exit Points for Site Buildings	No buildings were present on the Site	Site observations
Existing and Former Heating System(s) (include fuel type / source)	As there are no buildings or structures present on the Site, there were no existing heating systems observed or reported.	Site observations
Existing and Former Cooling System(s) (include fuel type / source)	As there are no buildings or structures present on the Site, there were no existing cooling systems observed or reported.	Site observations.
Drains, Pits, and Sumps (include current use, if any, and former use)	No drains, pits, or sumps are present on the Phase One Property.	Site observations,
Unidentified Substances	None	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified. The site assessor was not able to observe the floor area of the structures due to the presence of clutter.	Site observations
Miscellaneous Exterior		
Location of any Current and Former Wells	No wells are installed at the Site.	Site observations, Records Review
Ground Cover (e.g., grass, gravel, soil, or pavement, etc.)	The Phase One Property was covered by grass at the time of the site visit.	Site observations
Current or Former Railway Lines or Spurs	None observed on the Site.	Site observations, Records Review
Presence of Stained Soil, Vegetation, or Pavement	None identified.	Site observations

Topic	Observations	Source
Presence of Stressed Vegetation	None identified.	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	None identified.	Site observations, Site Representative, Aerial Photographs
Potentially Contaminating Activity	One above ground transformer was located to the west of the Site. Transformers are PCAs under O.Reg 153.	Site observations
Unidentified Substances	None identified	Site observations

6.2.1 Enhanced Investigation Property

The Phase One Property is not considered an enhanced investigation property as it has not been used as an automotive garage, a bulk liquid dispensing facility or a dry-cleaning facility.

6.3 Surrounding Land Use

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

The surrounding properties include residential, community, and parkland uses (Figure 1).

North (Down gradient): North of the Phase One Property includes a recreational pathway followed by residential land use. Approximately 675 metres to the north of the Site is an industrial park.

East (Cross gradient): Residential lands with single family and semi-detached homes.

West (Cross gradient): Residential lands.

South (Up-gradient): Residential lands followed by Hunt Club Road and Vacant/Agricultural lands.

6.4 Written Description of Investigation

The Site is located at 250 Forestglade Crescent in Ottawa, Ontario and is bounded to the north by a recreational path followed by residential lands, to the south by Forestglade Crescent, Blohm Drive to the west and residential homes to the east. At the time of the Site visit, conducted November 5, 2024, the Site consisted of a 0.23 ha parcel of undeveloped land with a grassy ground cover. The surrounding properties within the Phase One Study Area included residential and community uses.

During the Site visit a pad mounted transformer was found across Blohm Street from the Site. The site reconnaissance did not identify on-site PCAs. The reconnaissance of the Phase One Study Area identified one off-site PCA. No additional information was obtained relevant to APECs.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Current and past uses of the Phase One Property are summarized below. The Phase One Property was used for agricultural purposes from prior to 1965 to approximately 1976, following 1976 the land surrounding the Site was cleared for residential development, however the Site has remained vacant until present. The land use for the Site

is currently parkland/undeveloped. The surrounding lands were developed as residential lands in 1991 and currently remain as residential.

7.2 Potentially Contaminating Activity

One PCA was identified within the Phase One Study Area. No on-site PCAs were identified during the Site visit or through records searches.

Location	PCA	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Study Area	#55. Transformer Manufacturing, Processing and Use – one pad mounted transformer.	Site visit	Based on the type of contaminants associated with this PCA, which do not typically migrate through groundwater, and the location of the PCA trans-gradient of the Phase One Property, the presence of the transformer does not contribute to an APEC.

7.3 Areas of Potential Environmental Concern

No Areas of Potential Environmental Concern were identified in this investigation.

7.4 Phase One Conceptual Site Model

The following key features (as required by O.Reg. 153/04) are presented in Figures 1 and 2:

- Water bodies and areas of natural significance located in the Phase One Study Area;
- Drinking water wells on the Phase One Property;
- Roads (including names) within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property;
- Any areas where a potentially contaminated activity has occurred and tanks in such areas; and,
- Areas of potential environmental concern.

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

- The Phase One Property consisted of a 0.23 ha parcel of undeveloped land with no structures.
- The nearest surface water body is McEwan Creek, an ephemeral creek. The Creek is located approximately 480 metres to the north of the Site. The nearest continuously flowing waterbody is Ramsay Creek, located approximately 1100 metres to the north of the Site. Potable water is not available at the Site, however surrounding residential properties are serviced with municipal drinking water and wastewater infrastructure.
- At the time of the Phase One ESA, the Phase One Property was vacant undeveloped land. The Phase One Property has been vacant land since approximately 1976, prior to which the Site consisted of agricultural and natural lands. There were not indications that the Phase One Property has been used for an industrial use including use as a quarry. There were no indications that the Phase One Property has been used for any of the following commercial uses: vehicle garage, bulk liquid dispensing facility, or dry-cleaning facility.

- At the time of the Phase One ESA, the neighbouring properties within the Phase One Study Area consisted of residential, agricultural, community, and parkland uses. There are no indications that neighbouring properties in the Phase One Study Area were used for an industrial use or any of the following commercial uses: vehicle garage, bulk liquid dispensing facility or dry-cleaning facility.
- One potentially contaminating activity was identified in the Phase One Study Area (Figure 2). Subsequently not APECs were identified.
- No utility drawings describing underground utilities were available for review. City of Ottawa regulated utilities (Water, wastewater and stormwater) were identified through GeoOttawa. During the site visit, electrical lines were not observed suggesting buried electrical services. A single pad mounted transformer was observed on Blohm Street, directly to the west of the Site.
- The surficial geology at the Site is reported to consist of older alluvial deposits containing clay, silt, sand, gravel and may contain organic remains. The surficial geology at the Site was obtained from the Ontario Geological Survey, Surficial Geology map. No previous geotechnical or subsurface investigations for the Site were provided at the time of the Phase One Assessment.
- Bedrock at the Phase One Property consists of shale, limestone, dolostone, and siltstone originating from the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member and Eastview Member.
- Local shallow groundwater flow is anticipated to flow northeast toward McEwan and Ramsay Creek. Regional groundwater flow is northeast towards the Ottawa River, approximately 11 kilometres to the northeast from the Site.

8.0 CONCLUSIONS

8.1 Need for a Phase Two ESA

Based on the information obtained and reviewed as part of this Phase One ESA, no APECs were identified at the Phase One Property. Accordingly, a Phase Two ESA is not required to support the submission of an RSC.

8.2 RSC based on Phase One ESA

No APECs were identified at the Phase One Property. Accordingly, the Phase One Property is suitable for the intended property use.

9.0 REFERENCES

The documents and/or data cited in this report are listed below.

Source	Date
Ontario Base Mapping, Ontario Ministry of Natural Resources – obtained by ERIS	February 25, 2020
Bedrock Geology of Ontario, Ontario Geological Survey, 2011	Bedrock Geology of Ontario. Geological Survey Map Miscellaneous release – Data 126 – Revision 1. Scale 1:250,000
The Surficial Geology of Southern Ontario, Ontario Geological Survey, 2010	Ontario Geological Survey 2010. Surficial Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 128-REV. scale 1:50,000
Bedrock topography and overburden thickness mapping, southern Ontario	Ontario Geological Survey 2006. Bedrock topography and overburden thickness mapping; Ontario Geological Survey, Miscellaneous Release – Data 207
The Atlas of Canada, Toporama	Accessed November 20, 2024
TSSA Information Request	Submitted 2024/11/13, response 2024/11/27
MECP Source Protection Information Atlas (online)	Accessed November 20 th , 2024
Ministry of Natural Resources and Forestry, Make a Map: Natural Heritage Areas on-line database	Accessed February 20, 2024
ANSI, Ontario Ministry of Natural Resources – obtained by ERIS	February 25, 2020
Aerial Photographs – obtained from GeoOttawa	1965, 1976, 1991, 2002, 2015, 2022
Fire Insurance Plan, Property Underwriters' Plans and Reports, obtained from Opta	FIP – none PURs – none PUPs – none
City Directories, obtained from LGI	1995 and 1999
ERIS	2024/10/28

10.0 LIMITATIONS AND USE OF REPORT

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

The scope and the period of WSP's assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within WSP's proposal. Distances noted in this report were determined using

mapping data of variable accuracy and should therefore be considered approximate. WSP did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment WSP was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. WSP's opinions are based upon information considered at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed WSP to form no more than an opinion of the actual conditions at the Site at the time the Site was visited and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices. There is the potential that emerging contaminants may be present, noting that there may be limited information available to WSP describing the use, handling and/or storage of these contaminants at the Site and in the surrounding area. Contaminants may be present in soil, groundwater and/or sediment that are unrelated to the former and current uses of the Site and cannot be detected through a review of readily accessible sources of information. The Report is a desktop assessment, and an intrusive investigation would be required to further reduce the risk.

11.0 CLOSURE

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

Signature Page

The objectives and requirements set out O.Reg. 153/04 for a Phase One Environmental Site Assessment were applied in carrying out the environmental site assessment and preparing this report.

WSP Canada Inc.



Evan Angus, MASc, EIT
Junior Environmental Consultant



Kristina Small, MSc, PGeo, QPESA
Sr. Environmental Geoscientist

EA/KS/sg

[https://wsponlinecan.sharepoint.com/sites/ca-ca0044112.4771/shared documents/06. deliverables/phase one/final/ca0044112.4771-r-rev0-phase one 250 forestglade crescent.docx](https://wsponlinecan.sharepoint.com/sites/ca-ca0044112.4771/shared%20documents/06.%20deliverables/phase%20one/final/ca0044112.4771-r-rev0-phase%20one%20250%20forestglade%20crescent.docx)

APPENDIX A

Figures





Figure 1: Site Location

Figure 2: Potentially Contaminating Activities

PATH: S:\Client\57\Item_Planing_Design\250_Forestglade_Crescent_Ottawa\09_PROJ\CA0044112_4771\001_HS-0000.aprx PRINTED ON: AT: 4:45:15 PM



LEGEND

-  WELL RECORD
-  INFERRED DIRECTION OF GROUNDWATER FLOW
-  PHASE ONE PROPERTY BOUNDARY
-  PHASE ONE STUDY AREA



REFERENCE(S)
1. FIGURE INCLUDES THE FOLLOWING LAYERS OBTAINED FROM LAND INFORMATION ONTARIO AND MECP: WELL RECORDS, WATER BODIES, WELL RECORDS, PETROLEUM WELLS, FGP/DFO SARA CRITICAL HABITAT, PROVINCIALLY SIGNIFICANT WETLANDS, WILDERNESS AREAS, NIAGARA ESCARPMENT PLAN DESIGNATION, ORM LAND USE DESIGNATION, PROVINCIAL PARKS/CONSERVATION RESERVES.
2. BASE MAP: SDG COUNTIES, MAXAR, MICROSOFT
3. COORDINATE SYSTEM: NAD 1983 UTM ZONE 18N

CLIENT
FOTENN PLANNING + DESIGN

PROJECT
PHASE-1 ENVIRONMENT SITE ASSESSMENT
250 FORESTGLADE CRESCENT, OTTAWA, ONTARIO

TITLE
SITE LOCATION

	CONSULTANT	YYYY-MM-DD	2024-12-12
	DESIGNED	---	
	PREPARED	AR	
	REVIEWED	EA	
	APPROVED	KS	

PROJECT NO.	CONTROL	REV.	FIGURE
CA0044112.4771	0001	A	1

IF THIS MEASURE/UNIT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B 25mm

PATH: S:\Client\5757\Planing_Design\250_Forestglade_Crescent_Ottawa\09_PROD\CA0044112_4771\001_PROD\0001_Phase_1CA0044112_4771-001-HS-0000.aprx PRINTED ON: AT: 4:52:12 PM



LEGEND

- PCA LOCATION
- WELL RECORD
- ➔ INFERRED GROUNDWATER FLOW DIRECTION
- ▭ PHASE ONE PROPERTY BOUNDARY
- ▭ PHASE ONE STUDY AREA

PCA ID	PCA Number	Description
1	55	Off site pad mounted transformer.

0 50 100
1:2,500 METRES

REFERENCE(S)

1. FIGURE INCLUDES THE FOLLOWING LAYERS OBTAINED FROM LAND INFORMATION ONTARIO: WATER BODIES, WELL RECORDS, PETROLEUM WELLS, FGP/DFO SARA CRITICAL HABITAT, PROVINCIALLY SIGNIFICANT WETLANDS, WILDERNESS AREAS, NIAGARA ESCARPMENT PLAN DESIGNATION, ORM LAND USE DESIGNATION, PROVINCIAL PARKS/ CONSERVATION RESERVES.
2. BASE MAP: SDG COUNTIES, MAXAR
3. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT
FOTENN PLANNING + DESIGN

PROJECT
PHASE-1 ENVIRONMENT SITE ASSESSMENTS
250 FORESTGLADE CRESCENT, OTTAWA, ONTARIO

TITLE
POTENTIALLY CONTAMINATING ACTIVITIES

CONSULTANT	YYYY-MM-DD	2024-12-12
	DESIGNED	---
	PREPARED	AR
	REVIEWED	---
	APPROVED	---

PROJECT NO. CA0044112.4771	CONTROL 0001	REV. A	FIGURE 2
-------------------------------	-----------------	-----------	-------------

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

APPENDIX B

ERIS Report



DATABASE REPORT

Project Property:	<i>Forestglade 250 Forestglade Crescent Ottawa ON K1G 6N7</i>
Project No:	<i>CA0044112.4771 (2000)</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>24102501064</i>
Requested by:	<i>WSP Canada Inc.</i>
Date Completed:	<i>October 28, 2024</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	9
Map.....	11
Aerial.....	12
Topographic Map.....	13
Detail Report.....	14
Unplottable Summary.....	17
Unplottable Report.....	19
Appendix: Database Descriptions.....	33
Definitions.....	43

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.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: *Forestglade
250 Forestglade Crescent Ottawa ON K1G 6N7*

Project No: *CA0044112.4771 (2000)*

Coordinates:

Latitude: *45.37374*
Longitude: *-75.6023699*
UTM Northing: *5,024,646.00*
UTM Easting: *452,833.71*
UTM Zone: *18T*

Elevation: *272 FT
82.88 M*

Order Information:

Order No: *24102501064*
Date Requested: *October 25, 2024*
Requested by: *WSP Canada 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	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	2	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	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
PFAS	<i>Ontario PFAS Spills</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	1	1
PPHA	<i>Potential PFAS Handlers from EASR</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	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
<hr/>					
		Total:	0	6	6

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
------------	----	-------------------	---------	--------------	------------------	----------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>1</u>	PINC	ENBRIDGE GAS INC	72 WINNEGREEN CRT.,OTTAWA,ON, K1G 5S3,CA ON	W/131.3	0.31	<u>14</u>
<u>1</u>	SPL		72 Winnegreen Court, Ottawa OTTAWA ON	W/131.3	0.31	<u>14</u>
<u>2</u>	EHS		3528 Hawthorne Road Ottawa ON K1G 3N4	NE/138.3	0.00	<u>15</u>
<u>3</u>	EHS		2 Jessica Pvt Ottawa ON K1G5T2	WSW/141.3	1.00	<u>15</u>
<u>4</u>	CA	RICHCRAFT HOMES LTD.-PT. LOTS 4 & 5	HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	NNW/208.3	0.00	<u>15</u>
<u>4</u>	CA	RICHCRAFT HOMES LTD.-PT. LOTS 4&5/CONC. 5	HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	NNW/208.3	0.00	<u>16</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RICHCRAFT HOMES LTD.-PT. LOTS 4 & 5	HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	NNW	208.32	<u>4</u>
RICHCRAFT HOMES LTD.-PT. LOTS 4&5/CONC. 5	HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	NNW	208.32	<u>4</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 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>
	3528 Hawthorne Road Ottawa ON K1G 3N4	NE	138.29	<u>2</u>
	2 Jessica Pvt Ottawa ON K1G5T2	WSW	141.29	<u>3</u>

PINC - Pipeline Incidents

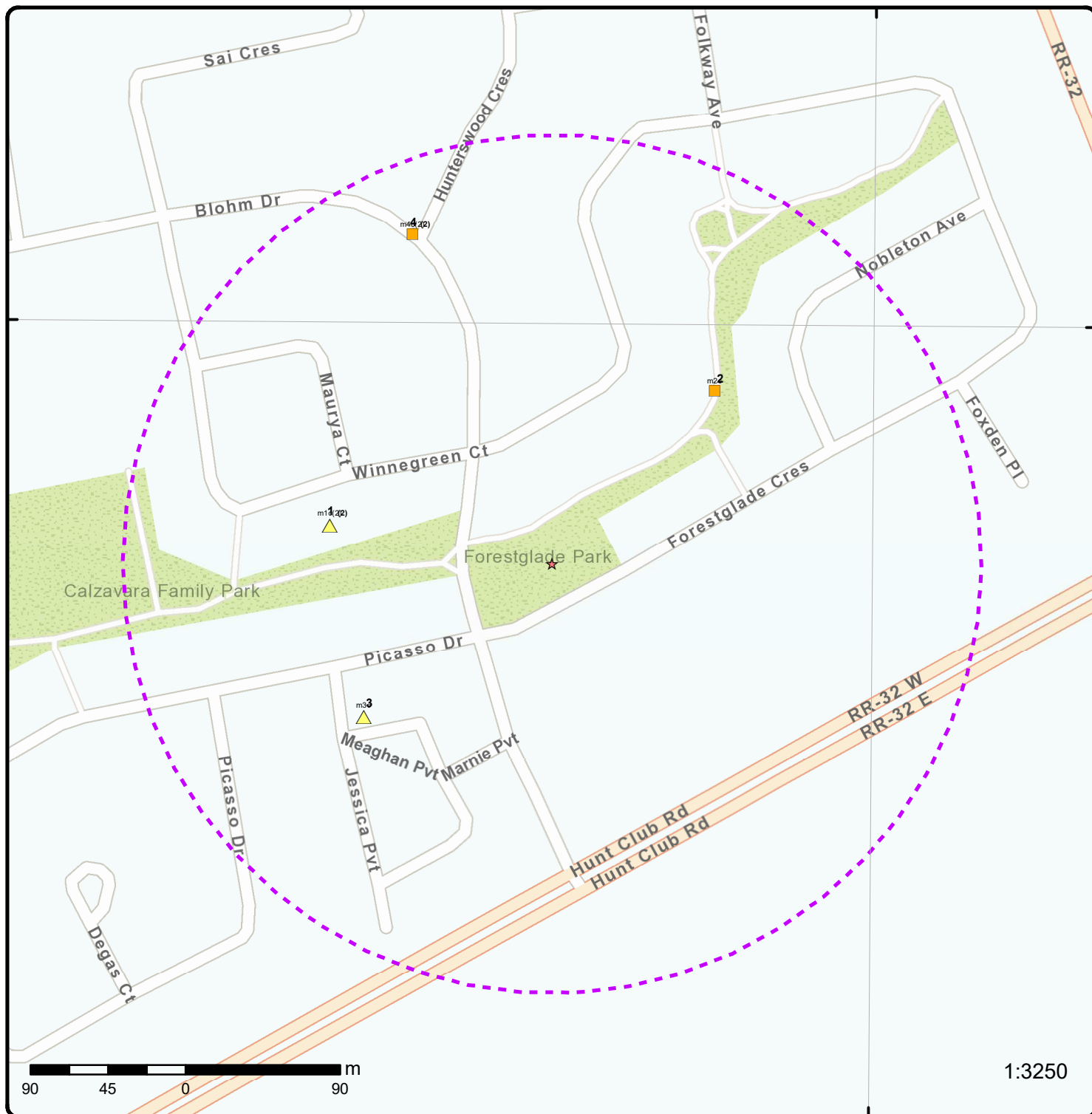
A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	72 WINNEGREEN CRT.,OTTAWA,ON, K1G 5S3,CA ON	W	131.31	<u>1</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	72 Winnegreen Court, Ottawa OTTAWA ON	W	131.31	<u>1</u>



1:3250

Map: 0.25 Kilometer Radius

Order Number: 24102501064

Address: 250 Forestglade Crescent, Ottawa, ON

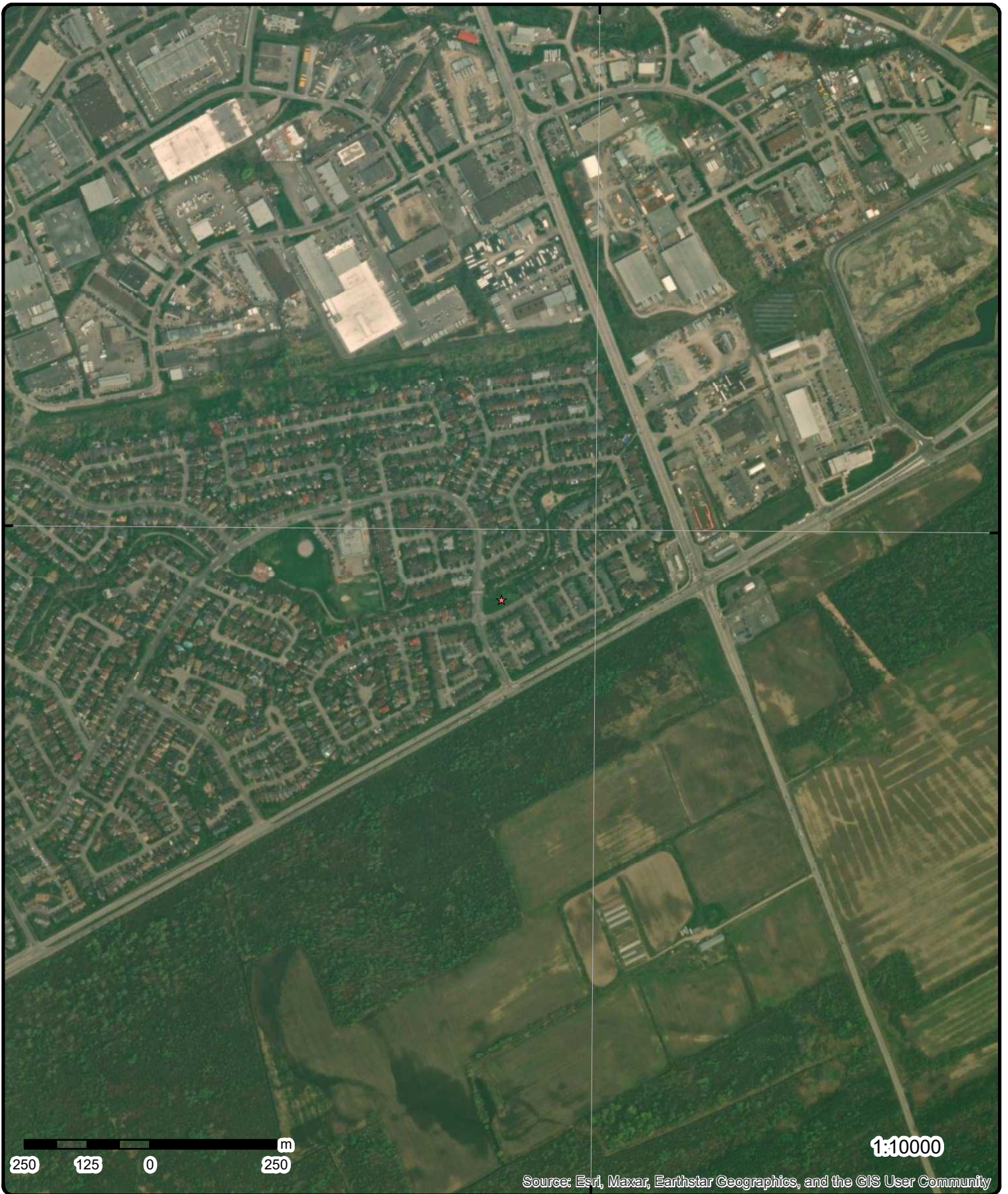


★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
⬢ Buffer Outline	Traffic Circle; Ramp	Airport	University/College
▲ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)
▼ 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°36'W

45°22'30"N

45°22'30"N



Aerial

Year: 2023

Order Number: 24102501064

Address: 250 Forestglade Crescent, Ottawa, ON



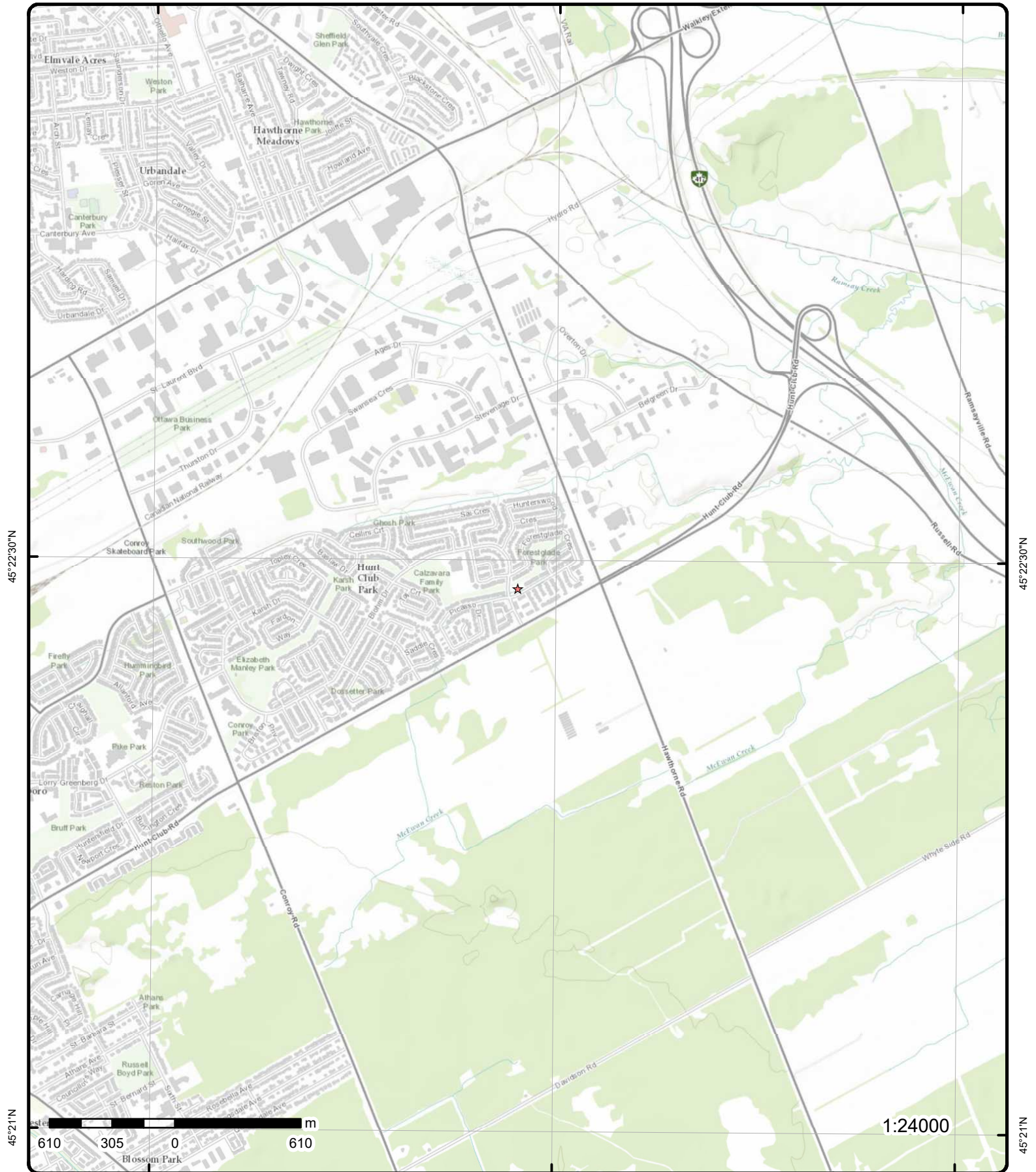
Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°37'30"W

75°36'W

75°34'30"W



Topographic Map

Address: 250 Forestglade Crescent, ON

Source: ESRI World Topographic Map

Order Number: 24102501064



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	W/131.3	83.2 / 0.31	ENBRIDGE GAS INC 72 WINNEGREEN CRT,,OTTAWA,ON,K1G 5S3, CA ON	PINC
<div> <div> Incident Id: Incident No: 3117306 Incident Reported Dt: 10/5/2021 Type: FS-Pipeline Incident Status Code: Tank Status: Non Mandated Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 72 WINNEGREEN CRT,,OTTAWA,ON,K1G 5S3,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: </div> <div> Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: </div> </div>					
1	2 of 2	W/131.3	83.2 / 0.31	72 Winnegreen Court, Ottawa OTTAWA ON	SPL
<div> <div> Ref No: 1-1AX48G Year: Incident Dt: 10/4/2021 4:13:00 PM Dt MOE Arvl on Scn: MOE Reported Dt: 10/4/2021 6:08:04 PM Dt Document Closed: 11/11/2021 9:23:49 AM Site No: MOE Response: Desktop Response Site County/District: Site Geo Ref Meth: Site District Office: Ottawa District Office Nearest Watercourse: Site Name: Site Address: 72 Winnegreen Court, Ottawa Site Region: Site Municipality: OTTAWA Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: </div> <div> Municipality No: Nature of Damage: Discharger Report: Material Group: Impact to Health: 0 No Impact Agency Involved: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Easting: Incident Cause: Incident Preceding Spill: Line Strike Environment Impact: 1 Minor Impact Health Env Consequence: Nature of Impact: Contaminant Qty: 1 other - see notes Contaminant Qty 1: Contaminant Unit: Client Type: Private Business Source Type: Pipeline/Components Contaminant Code: Contaminant Name: NATURAL GAS Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Air Incident Reason: Unknown Incident Summary: TSSA FSB: 1/2" plastic IP gas line dmg; made safe Activity Preceding Spill: Construction or repair Property 2nd Watershed: Lower Ottawa Property Tertiary Watershed: 02LB-Lower Ottawa - South Nation Sector Type: NATURAL GAS DISTRIBUTION SAC Action Class: Call Report Locatn Geodata: {"integration_ids":["PR00003925799"],"wkts":["POINT (-75.6040236000 45.3739361000)","creation_date":"2021-10-04"} Time Reported: System Facility Address: Client Name: ENBRIDGE CONSUMERS GAS					
<u>2</u>	1 of 1	NE/138.3	82.9 / 0.00	3528 Hawthorne Road Ottawa ON K1G 3N4	EHS
Order No: 20100705059 Status: C Report Type: Custom Report Report Date: 7/14/2010 Date Received: 7/5/2010 Previous Site Name: Lot/Building Size: 68 ha land parcel Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection: Hunt Club Road Municipality: ottawa Client Prov/State: ON Search Radius (km): 0.25 X: -75.601171 Y: 45.374654					
<u>3</u>	1 of 1	WSW/141.3	83.9 / 1.00	2 Jessica Pvt Ottawa ON K1G5T2	EHS
Order No: 20170117122 Status: C Report Type: Standard Report Report Date: 24-JAN-17 Date Received: 17-JAN-17 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.603761 Y: 45.37293					
<u>4</u>	1 of 2	NNW/208.3	82.9 / 0.00	RICHCRAFT HOMES LTD.-PT.LOTS 4 & 5 HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	CA
Certificate #: 3-0888-92- Application Year: 92					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Issue Date: 7/29/1992 Approval Type: Municipal sewage Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
<u>4</u>	2 of 2	NNW/208.3	82.9 / 0.00	RICHCRAFT HOMES LTD.-PT.LOTS 4&5/CONC. 5 HUNTERSWOOD CRES./BLOHM DR. OTTAWA CITY ON	CA
Certificate #: 7-0717-92- Application Year: 92 Issue Date: 7/29/1992 Approval Type: Municipal water Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					

Unplottable Summary

Total: 28 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	OTTAWA CITY NON-PROFIT HOUSING CORP.	BLOHM DR.	OTTAWA CITY ON	
CA	RICHCRAFT HOMES LIMITED - HUNT CLUB COURT	BLK.260 RPLAN 4M554/BLOHM DR.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	OTTAWA CITY NON-PROFIT HOUSING CORP.	BLOHM DR.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD FEEDERMAIN	OTTAWA CITY ON	
CA	RICHCRAFT HOMES LTD. - HUNT CLUB COURT	BLK.260/R PLAN 4M554 BLOHM DR.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB RD.	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	HUNT CLUB ROAD	OTTAWA CITY ON	
CA	R.M. OF OTTAWA-CARLETON	STORMW. TREATM. FAC. HUNT CLUB RIDEAU BRIDGE E.	OTTAWA CITY ON	
EBR	Richcraft Homes Ltd.	Ottawa, ON Canada	ON	
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1

ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
PRT	IMPERIAL OIL ATTN L MCCAMBLEY	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	HUNTCLUB ESSO K BASSETT	HUNT CLUB RD	OTTAWA ON	K1V8S6
PRT	JIM ROMBOUGH OTTAWA FLYING CLUB	HUNT CLUB RD	OTTAWA ON	K1V8S6
SPL		Hunt Club Road	Ottawa ON	
WWIS		lot 5	ON	
WWIS		lot 6	ON	
WWIS		lot 6	ON	

Unplottable Report

Site: Richcraft Homes Ltd.
Ottawa ON

Database:
CA

Certificate #: 1207-5YPRH9
Application Year: 2004
Issue Date: 5/6/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Richcraft Homes Ltd.
Ottawa ON

Database:
CA

Certificate #: 3841-632P4R
Application Year: 2004
Issue Date: 7/20/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Richcraft Homes Ltd.
Ottawa ON

Database:
CA

Certificate #: 7432-7UVKBU
Application Year: 2009
Issue Date: 8/13/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Richcraft Homes Ltd.
Ottawa ON

Database:
CA

Certificate #: 9080-5UYQRL
Application Year: 2004

Issue Date: 1/8/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Richcraft Homes Ltd.**
Ottawa ON

Database:
CA

Certificate #: 9817-7WNR3C
Application Year: 2009
Issue Date: 10/15/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **OTTAWA CITY NON-PROFIT HOUSING CORP.**
BLOHM DR. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0861-87-
Application Year: 87
Issue Date: 6/12/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **RICHCRAFT HOMES LIMITED -HUNT CLUB COURT**
BLK.260 RPLAN 4M554/BLOHM DR. OTTAWA CITY ON

Database:
CA

Certificate #: 3-0101-90-
Application Year: 90
Issue Date: 2/13/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1158-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 7-1112-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1395-89-
Application Year: 89
Issue Date: 7/24/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: OTTAWA CITY NON-PROFIT HOUSING CORP.
BLOHM DR. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0716-87-
Application Year: 87
Issue Date: 6/12/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD FEEDERMAIN OTTAWA CITY ON

Database:
CA

Certificate #: 7-1021-94-
Application Year: 94
Issue Date: 10/26/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RICHCRAFT HOMES LTD. -HUNT CLUB COURT
BLK.260/R PLAN 4M554 BLOHM DR. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0069-90-
Application Year: 90
Issue Date: 2/13/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB RD. OTTAWA CITY ON

Database:
CA

Certificate #: 7-1643-89-
Application Year: 89
Issue Date: 10/17/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF OTTAWA-CARLETON
HUNT CLUB ROAD OTTAWA CITY ON

Database:
CA

Certificate #: 3-1277-88-
Application Year: 88
Issue Date: 7/27/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:

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

Site: **R.M. OF OTTAWA-CARLETON RIDEAU BRIDGE E.**
STORMW. TREATM. FAC. HUNT CLUB OTTAWA CITY ON

Database:
CA

Certificate #: 3-1903-89-
Application Year: 89
Issue Date: 12/5/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Richcraft Homes Ltd.**
Ottawa, ON Canada ON

Database:
EBR

EBR Registry No:	019-1273	Decision Posted:	May 10, 2021
Ministry Ref No:	KV-C-001-18	Exception Posted:	
Notice Type:	Instrument	Section:	Section 17 (2) (c)
Notice Stage:	Decision	Act 1:	Endangered Species Act , R.S.O. 2007
Notice Date:		Act 2:	Endangered Species Act, 2007
Proposal Date:	February 27, 2020	Site Location Map:	
Year:	2020		
Instrument Type:	Permit for activities to achieve an overall benefit to a species		
Off Instrument Name:	Permit for activities with conditions to achieve overall benefit to the species (ESA s.17(2) (c))		
Posted By:	Ministry of the Environment, Conservation and Parks		
Company Name:			
Site Address:	Ottawa, ON Canada		
Location Other:			
Proponent Name:	Richcraft Homes Ltd.		
Proponent Address:	Richcraft Homes Ltd. 2280 St. Laurent Boulevard Unit 201 Ottawa, ON K1G4K1 Canada		
Comment Period:	February 27, 2020 - March 28, 2020 (30 days) Closed		
URL:	https://ero.ontario.ca/notice/019-1273		
Summary:			

Site Location Details:

Part of Lot 8, Concession 1 in the Geographic Township of March, Ottawa.

Site: **Richcraft Homes Ltd.**
Ottawa ON K1G 4K1

Database:
ECA

Approval No:	6566-A7AMSG	MOE District:	
Approval Date:	2016-02-23	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Richcraft Homes Ltd.		
Address:			

Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1204-A4KTW4-14.pdf>
PDF Site Location:

Site: **Richcraft Homes Ltd.** **Database:**
Ottawa ON K1G 4K1 **ECA**

Approval No: 9080-5UYQRL **MOE District:**
Approval Date: 2004-01-08 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Richcraft Homes Ltd.
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5802-5UQM74-14.pdf>
PDF Site Location:

Site: **Richcraft Homes Ltd.** **Database:**
Ottawa ON K1G 4K1 **ECA**

Approval No: 5800-5UYNQD **MOE District:**
Approval Date: 2004-01-08 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Richcraft Homes Ltd.
Address:
Full Address:
Full PDF Link:
PDF Site Location:

Site: **Richcraft Homes Ltd.** **Database:**
Ottawa ON K1G 4K1 **ECA**

Approval No: 5204-4RGRNN **MOE District:**
Approval Date: 2000-12-01 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: Richcraft Homes Ltd.
Address:
Full Address:
Full PDF Link:
PDF Site Location:

Site: **IMPERIAL OIL ATTN L MCCAMBLEY** **Database:**
HUNT CLUB RD OTTAWA ON K1V8S6 **PRT**

Location ID: 10954
Type: retail
Expiry Date: 1995-01-31
Capacity (L): 136200
Licence #: 0076408079

Site: HUNTCLUB ESSO K BASSETT
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1996-02-29
Capacity (L): 136200
Licence #: 0076435098

Site: JIM ROMBOUGH OTTAWA FLYING CLUB
HUNT CLUB RD OTTAWA ON K1V8S6

Database:
PRT

Location ID: 10954
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 0
Licence #: 0020409001

Site: Hunt Club Road Ottawa ON

Database:
SPL

Ref No:	4700-BQXLPC	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	2020/06/25	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	2020/06/26	Impact to Health:	2 - Minor Environment
Dt Document Closed:	2020/07/17	Agency Involved:	
Site No:	NA		
MOE Response:	No		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Ottawa		
Nearest Watercourse:			
Site Name:	Roadway<UNOFFICIAL>		
Site Address:	Hunt Club Road		
Site Region:	Eastern		
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	5021538.48		
Easting:	447892.99		
Incident Cause:			
Incident Preceding Spill:	Leak/Break		
Environment Impact:			
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	1 other - see incident description		
Contaminant Qty 1:	1		
Contaminant Unit:	other - see incident description		
Client Type:			
Source Type:	Unknown / N/A		
Contaminant Code:	15		
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	n/a		
Receiving Medium:	Land		
Incident Reason:	Unknown / N/A		
Incident Summary:	TIPS: Large oil spill on Hunt Club Road		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			

Sector Type: Miscellaneous Communal
SAC Action Class:
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name:

Site:
lot 5 ON

Database:
WWIS

Well ID:	1500377	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	02/26/1948
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1107
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	JG
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	OTTAWA CITY (GLOUCESTER)		
Site Info:			

Bore Hole Information

Bore Hole ID:	10022422	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/24/1947	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
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:			

Overburden and Bedrock

Materials Interval

Formation ID:	930989114
Layer:	3
Color:	2
General Color:	GREY
Material 1:	19
Material 1 Desc:	SLATE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	89.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989113
Layer: 2
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989112
Layer: 1
Color: 2
General Color: GREY
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961500377
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10570992
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037778
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 89.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037777
Layer: 1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500377
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 24.0
Recommended Pump Depth:
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452894
Layer: 1
Kind Code: 4
Kind: MINERIAL
Water Found Depth: 89.0
Water Found Depth UOM: ft

Site:

lot 6 ON

Database:
WWIS

Well ID: 1500388
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OTTAWA CITY (GLOUCESTER)
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/26/1948
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1107
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name: JG
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10022433
DP2BR:
Spatial Status:
Code OB:
Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/14/1947	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
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:			

Overburden and Bedrock
Materials Interval

Formation ID: 930989143
Layer: 4
Color:
General Color:
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989140
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989141
Layer: 2
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930989142
Layer: 3
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500388
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571003
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037801
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 59.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991500388
Pump Set At:
Static Level: 1.0
Final Level After Pumping: 1.0
Recommended Pump Depth:
Pumping Rate: 8.0
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: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933452905
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 59.0
Water Found Depth UOM: ft

Site:

lot 6 ON

Database:
WWIS

Well ID: 1535511
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: Z17640
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: 15000
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 05/28/2005
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6907
Form Version: 3
Owner:
County: OTTAWA-CARLETON
Lot: 006
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11316050
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/11/2005
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

Method of Construction & Well Use

Method Construction ID: 961535511
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11330905
Casing No: 1
Comment:
Alt Name:

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

AGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial

AMIS

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

Government Publication Date: 1800-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 -May 2024

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-Jun 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 - Aug 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 2024

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-Aug 31, 2024

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Aug 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-Aug 31, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Aug 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 ERS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

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

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

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 Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024**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 - Aug 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-Aug 31, 2024

Ontario PFAS Spills:

Provincial

PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2024; May 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

Potential PFAS Handlers from EASR:

Provincial

PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR 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.

Government Publication Date: Jun 30, 2024

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 - Aug 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-Aug 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.

Government Publication Date: 1988-Jun 2024

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 2024

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 Aug 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: 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.

APPENDIX C

Regulatory Responses



File Number: D06-03-24-0136

December 3, 2024

Evan Angus
WSP

Sent via email evan.angus@wsp.com

Dear Evan Angus,

**Re: Information Request
250 Forestglade Ottawa, Ontario ("Subject Property")**

Internal Department Circulation:

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- **Environmental Remediation Unit:** The City's Environmental Remediation Unit does not have any environmental records for this property.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** No records found for this property.
- **Solid Waste Services:** No records found for this property.

Documents Provided:

HLUI Summary Report and HLUI Map

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide](#)."

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

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

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

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

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Nathan Li

Student Planner

Development Review

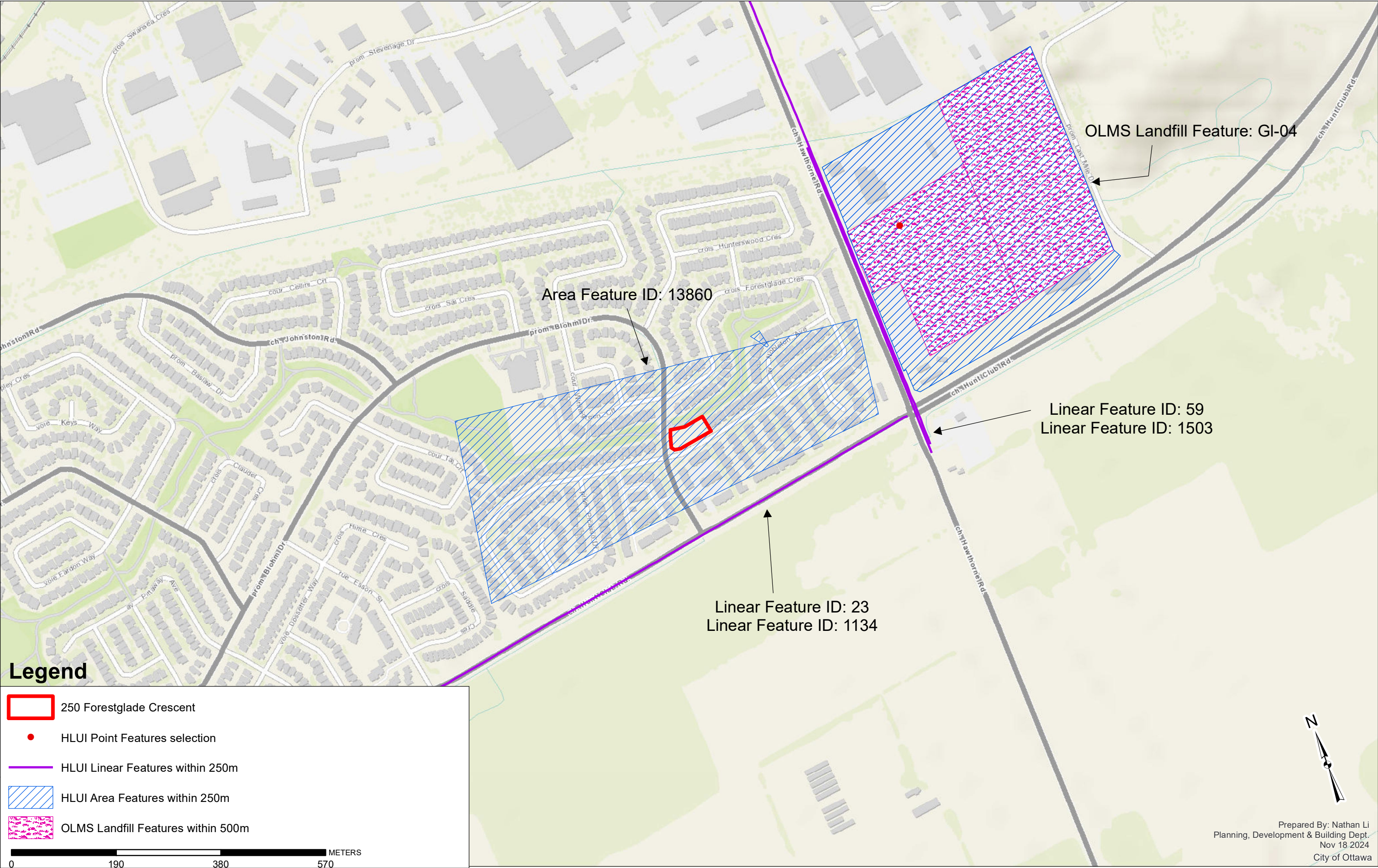
Planning, Development and Building Services Department

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-24-0136

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



OBJECTID *	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	SHAPE *	SHAPE.AREA
13174	UNNAMED QUARRY	Stone Quarries	1922-DMD-TM-OttawaSheet#14; 1922-FIP; 1948-DND-ASE-NTS-31G/5; 1948-FIP-267-Proposed; 1949-51-DND-ASE-NTS-31G/6W; 1955-M; 1956-FIP-267-26700; 1963-M; 1967-EMR-SMB-NTS-31/5-7thed; 1968-Topo; 1985-EMR-SMB-NTS-31/5-11thed	1	1922-1989	c. 1922-1985; c. 1930; c. 1948; c. 1948-1967; c. 1951; c. 1964; c. 1967; c. 1967-1985; c. 1975; c. 1975-1983; c. 1979; c. 1985; c. 1989	0	<Null>	<Null>	<Null>	WEST CARLETON	3417	HAWTHORNE	RD		K1G4G2	41610024	OLD OTTAWA	212314; 212315; 212316; 212317; 212323	81; 82	UTM = 424125E, 5012550N (1985). Area is 450m x 500m		Polygon	192294.4853
14298	25TH HOUR	Service Industries Incidental to Air Transport	2001-ES; 2005-SelectPhone; 2006-ES; 2012-ES	1	2001-2005	<Null>	37	NOBLETON	AVE	<Null>	<Null>	37	NOBLETON	AVE		K1G6A4	41650759	Old Ottawa	<Null>	<Null>	<Null>	<Null>	Polygon	371.265241
13175	HUGH M GRANT LIMITED	Landfill	1991-WDSI/WMB/MOE; 2004-GWStudy; TownshipofGloucester-File#6-16 Subject:Dumps-Box73&File#6-79A-Subject-Health/Dumping-Box75; 2017-CityofOttawa-Landfill	1	1976-1981	1964-1977	0	HAWTHORNE	RD	<Null>	OTTAWA	3417	HAWTHORNE	RD		K1G4G2	41610024	OLD OTTAWA	221320; 221330; 562210; 562920; 562990	499	UTM = 453350E, 5024850N, map 31G/5. Site #A460705 of closed sites in MOE inventory (pg133).		Polygon	192294.4853
13860	UNNAMED QUARRY	Quarry	1968-Topo	1	1968	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	Polygon	194045.9644

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID *	activity_name	FACILITY_TYPE	tank_location	tank_content	tank_size	tank_type	tank_status	source	INSTALLED_S T_NUM	installed_st_name	installed_ st_abr	installed _st_dir	COMMENT	mtm_x
7889	RAYMOND STEEL LTD.	Private Fuel Outlet	<Null>	gasoline	22700	Licenced	Current	GW Study 2004	3419	HAWTHORNE	RD	<Null>	21/09/22 Location Updated	375488.4862
7890	RAYMOND STEEL LTD.	Private Fuel Outlet	<Null>	diesel	22700	Licenced	Current	GW Study 2004	3419	HAWTHORNE	RD	<Null>	21/09/22 Location Updated	375488.4862

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID *	activity_name	mtm_y	image_map	IMAGE_CER TAINTY	image_map_ 2	tank_material	tank_id	tank_leaking	tank_re moved	REMOVED_ DATE	DATE_INSTALL ED	NATURE_OF_B USINESS	scanned_ drawing	temprecor did	capacity_u om	municipali ty	postcode
7889	RAYMOND STEEL LTD.	5026747.348	<Null>	3	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	19840601	Private	<Null>	1198	L	OTTAWA	K1G 4G2
7890	RAYMOND STEEL LTD.	5026747.348	<Null>	3	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>	19840601	Private	<Null>	1199	L	OTTAWA	K1G 4G2

HLUI SUMMARY REPORT

LINEAR FEATURES

OBJECTID *	SOURCE	FEATURE	YEAR	COMMENT_	NAME	SHAPE *
59	Enbridge	Gas Pipeline	<Null>	<Null>	<Null>	Polyline
1503	Enbridge	Gas Pipeline	<Null>	<Null>	<Null>	Polyline
23	Enbridge	Gas Pipeline	<Null>	<Null>	<Null>	Polyline
1134	Enbridge	Gas Pipeline	<Null>	<Null>	<Null>	Polyline

HISTORIC LANDFILL FEATURE	The historic landfills identified within the HLUI are referenced from the City’s Old Landfill Management Strategy report (OLMS, 2004). Contact the City’s Environmental Remediation Unit (ERU-UAE@ottawa.ca) if you would like more information about the old landfill sites identified in the OLMS report.
WATER_SUPPLY	private wells; municipally supplied water west of Highway 417
WASTETYPE	42% residential, 33% commercial, 9% construction and demolition, 9% trade waste, 5% street sweepings, 3% industrial - letters from various federal departments indicate that pesticides, paint and "chemicals" were also disposed
WASTEDDEPTH	0.7 to 15 m thick
UTM_NAD27_NORTHING	5027980
UTM_NAD27_N_NOTE	<null>
UTM_NAD27_EASTING	454375
UTM_NAD27_E_NOTE	<null>
Unique ID	Hugh M. Grant Ltd.GI-04
TOPOGRAPHY	ridges in the east-west direction; mer bleue conservation area
SOIL_COVER	as a minimum the cover appears to be 0.1 m of topsoil followed by 0.75 m of what is most often described as silty clay [AMEC]
SIZE_HA	landfill is 44 ha in size and the property is expected to be in excess of 150 ha
SITE_STATUS	Unconfirmed
SITE_NAME	Hugh M. Grant Ltd.
SITE_IDENTIFICATION	GI-04
SITE_COORD	UTM = 453350E, 5024850N, map 31G/5. Site #A460705 of closed sites in MOE inventory (pg133).
SITE_ALIAS	Ridge Road Landfill
SITE_ACCES	publicly accessible site; waste footprint has walking trails over it
Site ID French	GI-04
Sie Name French	Hugh M. Grant Ltd
SHAPE.LEN	1024.04384
SHAPE.AREA	57701.92673
SHAPE	Polygon
SERVICE_AREA	City of Ottawa
ROAD_TYPE	RD
ROAD_NAME	HAWTHORNE
PHYSICAL	grassed landfill cover with trails/pathways across it, mature trees surrounding perimeter of site
PARENT_ID	<null>
PARAMETERS	site leachate indicators are alkalinity, ammonia, boron, chloride, sodium, conductivity, iron, hardness, sulphate and TDS
OWNERCATEGORY	Government
OWNER	NCC
OVERBURDEN	0 to 5 m of sand followed by 25 to up to 50 m of clay followed by an unidentified thickness of glacial till and finally Carlsbad shale
OTHERREF	AMEC Earth & Environmental Ltd., March 2002; AMEC Earth & Environmental Ltd., excerpts 2002; Paterson, John D., & Associates Ltd., 1975; Ottawa-Carleton Health Department, 1991 (site no. 24); RMOC Inter-Departmental Correspondence, Feb. 12, 1976; Dillon,
OTHER_INFO	Some sand removed from ridge prior to construction of landfill. Construction waste found outside the south east landfill footprint boundary. Seasonal leachate seeps currently observed (2001).
OPERATOR	City of Ottawa
OPERATIONAL_PERIOD	1964 to 1977; closed July 12, 1977
OBJECTID	64
MOE_ID	a 460703
METHANE	concentrations as high as 80% (v/v) however no vegetation stress, odours or presence of buildings on site [AMEC, 2003]; methane levels varied from 5.9 to 86.5 % v/v [AMEC, excerpts 2002]
MAGNITUDE	surface water peak concentrations of 1.46 mg/L for boron, 0.04 mg/L of copper, 3.84 mg/L of unionized ammonia and 702 mg/L of chloride have been recorded.
LOCTN_REF	<null>
LOCATION	in line of Walkley Rd and Baseline Rd (Regional Rd 43); former City of Gloucester Con 3 Lots 19-20
LANDFILL_1998_ID	6O042M
INFORMATION_SOURCE	1991-WDSI/WMB/MOE, Township of Gloucester-File #6-16-Subject:Dumps vol1-Box 73 & File #6-79A-Subject-Health/Dumping-Box 75
GROUNDWATER_FLOW_DIRECTION	to the north and south
GLOBALID	{BD2FDA0E-D4CA-4218-B477-20E095AA907A}
G_VERSION	0
G_NEXT_VERSION	<null>
G_GENERATION	<null>
FORMER_MUN	GLOUCESTER
ECOLOGICAL	Borthwick Creek to the S and Black Creek to the N
DISTANCE_TO_SURFACE_WATER	approximately 200 m to Black Creek and 450 m to Borthwick Creek
DEPTH_TO_GROUNDWATER	2-3 m below ground surface outside landfill footprint
DEPTH_TO_BEDROCK	anticipated 30 to 55 m (Carlsbad Shale bedrock)
CONCENTRTN	leachate indicator parameters exceed ODWO/S in groundwater, AMEC concludes that exceedances of PWQO in surface water are not related to the landfill
Common Name French	Hugh M. Grant
Common Name	Hugh M. Grant
ANDERSONSWASTEDISPOSALSITES_ID	124 (125)
ADJACENT_OWNER	adjacent landowners include primarily farmers to the N and S - forest and Highway 417 to the W - forest to the E
ADJACENT_LANDUSE	forest and Highway 417 to the W, farmland to the N, forest and vacant land to the E and S; The zoning is Os-Open Space in the general area of the site.
ADJACENT_INDUSTRY	none based on available information
ACTIVITYID	6091
ACTIVITY2	6101



345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772
www.tssa.org

27 November 2024

Evan Angus
1931 Robertson Road, Unit A
Ottawa, ON, K2H 5B7

Subject: 250 Forestglade Cres, Ottawa, Ontario, Canada, K1G 6A7
Your File No.: n/a
WO No.: 14496030

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested the release of information regarding the above noted address.

A search of TSSA public records **did not** locate any records relating to the following Program(s):

<u>Program</u>	<u>No Record</u>
Fuels Safety	<input checked="" type="checkbox"/>
Boiler/Pressure Vessel	<input type="checkbox"/>
Elevating & Amusement Devices	<input type="checkbox"/>

**For BPV, if it has been indicated that records have been located but are not attached, it is likely that TSSA may not be the keeper of the records you are looking for, see note below.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

M. Fowler

Melanie Fowler
Public Information Services Agent

Limitations and Notices:

General:

TSSA, as a safety regulator, uses inspection resources to address the greatest harm posed to the public. Thus, inspection only follows-up on safety orders it issues based on the degree of risk posed by the non-compliance identified in the order(s). All high-risk orders will result in a follow-up inspection by TSSA until the non-compliance is resolved. TSSA no longer follows-up on low or medium risk orders referred to as safety tasks, therefore, TSSA can no longer provide you with a report indicating the safety tasks (low and medium-risk orders) have been resolved. This information should be obtained from the device/facility owner or their contractor. One can also engage a third-party contractor to confirm device/facility compliance.

The Public Information Department, (PID), can only provide **existing** records for a specific location, facility, or device. If an inspection or any other type of record does not exist, PID cannot instruct TSSA to do work, such as an inspection, to create a record. TSSA, as an outcome-based regulator, deploys all of its resources, including, inspections to address the greatest harm posed to the public; and as such, cannot deploy resources to create records to satisfy an inquiry.

Please Note: While the PID provides existing records for a specific location, facility, or device; it does not interpret or provide further explanations of the content contained in the document.

Change of Ownership

Please be advised, if the new owner has acquired a property that contains TSSA regulated devices, i.e. elevators, boilers and pressure vessels, they would be required to complete a change of ownership to obtain new licences. Visit our website at www.tssa.org under the Licencing & Registration section for the Change of Ownership process or contact our Customer Service department at 1.877.682.8772

TSSA Fuels Safety:

If you have environmental concerns regarding this property, you should consider hiring an environmental consultant to conduct an environmental assessment of the property in question.

- Sites that have not been licensed since 1987 may not be in TSSA records.
- Be advised, TSSA Fuels Safety Division did not register:
 - private fuel underground/ aboveground storage tanks prior to January of 1990; and
 - furnace oil tanks prior to May 1, 2002.
- If records being released to you relate to private fuel outlets (“PFOs”) or fuel oil furnace tanks, please note the following:
 - PFOs are defined in O. Reg. 217/01 (Liquid Fuels), where “private outlet” means “any premise, other than a retail outlet, where gasoline or an associated product is put into the fuel tanks of motor vehicles or floating motorized watercraft or into portable containers”. After 2001, PFOs were no longer required to be licenced in Ontario. Thus, TSSA’s records and information regarding PFOs is dated and unverified.
 - Underground furnace fuel oil tanks were required to be registered with TSSA commencing in 2001. These underground tanks are registered; however, TSSA does not inspect or verify the registered tank information. It is incumbent on the fuel distributor to ensure that the tanks are registered. Above ground fuel oil furnace tanks do not require TSSA registration.
 - Please be advised that while the TSSA releases information relating to PFOs or fuel oil furnace tanks pursuant to the TSSA’s Access and Privacy Code, the TSSA cautions against reliance on this information.

- In particular, because PFOs do not require a license and there is no requirement to submit any documentation to TSSA for review or approval, TSSA has limited information on these facilities. The TSSA cautions that any information provided may be inaccurate, incomplete, or out of date.
- Fuels Safety Division does not register
 - private waste oil tanks in apartments, office buildings, residences etc.; and
 - aboveground gas or diesel tanks.
- The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets, nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

TSSA Elevating & Amusement Devices Program Notice:

- All orders and/or directions issued by the TSSA Inspector have a compliance date and the owner or designated contractor are required to comply within the specified time limit. Compliance is the responsibility of the owner or operator of the device.
- All written declarations of compliance (where eligible) should be sent to TSSA. Once a declaration of compliance has been received, the outstanding order will be resolved.
- Each report shows the details and date of the inspection conducted by TSSA at the requested location.
- The Ontario Amusement Devices Regulation (O. Reg. 221/01) was adopted in 2001. Since that time, TSSA retains copies of technical dossiers of new amusement devices in Ontario (as per TSSA's retention policy). However, for rides that existed prior to the adoption of the Regulation, which were subject to a "grandfathering-in" clause, technical dossiers were not required to be filed with the TSSA. However, if the amusement ride remains in operation, as per ASTM requirements, the owner/licensee must possess an operations document for the device in question.

Federal Elevators

- Please be advised that without the express written consent of the owner, the TSSA does not release any information with respect to federal elevators or federal elevating equipment. The TSSA is a provincial regulator for the province of Ontario and federal elevators do not fall within the scope of TSSA's provincial mandate and the *Technical Standards and Safety Act* and associated Regulations. Further, the TSSA's Access and Privacy Code only applies to information collected, used, or disclosed by the TSSA in the course of TSSA's administration of the *Act*. Therefore, information with respect to federal elevators or federal elevator equipment is outside of the administration of the *Act*, and outside of the scope of the TSSA's Access and Privacy Codes.

Indigenous Lands

- Please be advised that the TSSA does not release any information with respect to indigenous lands, which are outside of the TSSA's mandate, without the express written permission from the Band. The *Technical Standards and Safety Act*, associated regulations, and TSSA's Access and Privacy Code does not apply to indigenous lands.

TSSA Boilers and Pressure Vessels (BPVs) Program Notice:

- Be advised, TSSA does not typically periodically inspect BPVs. These inspections are usually performed by insurance companies.
- **Inspection reports may not be submitted to TSSA by insurance companies; therefore, while TSSA may have some evidence of a BPV at a location on file, there may be no inspection records pertaining to BPVs located at the address provided.
- As of July 1, 2018, BPVs in Ontario may not be operated unless the Director has issued a current certificate of inspection (COI) to the owner or operator. A COI will be issued to the owner or operator of the BPV by TSSA after TSSA has received a Record of Inspection (ROI) from the insurer/third-party inspector, the associated fees have been paid and the BPV has passed a periodic inspection.
- Please note that if the BPV in question is insured, the insurance company may have additional inspection records. Please contact the insurer directly should you wish to obtain further information.

APPENDIX D

Photographs



Photo 1 – 2022 aerial imagery of the Site (shown in red).

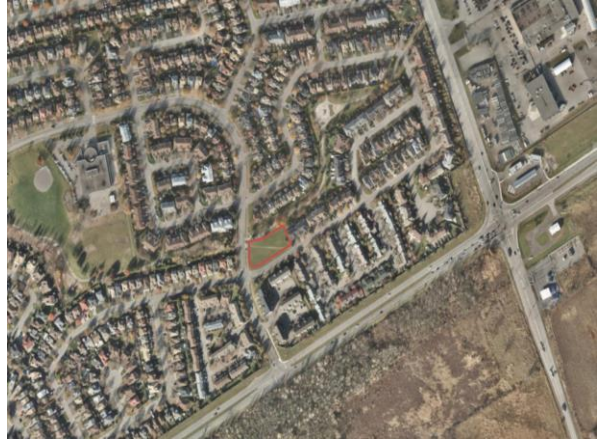


Photo 2 – 2015 aerial imagery of the Site (shown in red)



Photo 3 – 2002 aerial imagery of the Site (shown in red)



Photo 4 – 1991 aerial imagery of the Site (shown in red)



Photo 5 – 1976 aerial imagery of the Site (shown in red)



Photo 6 – 1965 aerial imagery of the Site (shown in red)



Photo 1 – View of Site standing on Forestglade Crescent.
(facing northwest)



Photo 2 – View of site standing on Forestglade Crescent.
(facing west)



Photo 3 – Standing on eastern edge of Site facing west



Photo 4 – Standing on Site facing south.



Photo 5 – Standing on eastern edge of Site facing east



Photo 6 – Standing on Forestglade Crescent facing north.

