PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 2830 CARLING AVENUE AND 810 VICK AVENUE, OTTAWA, ONTARIO

Project No.: CCO-21-1191

Prepared for:

1408505 Ontario Inc.
Holzman Consultants Inc.
311 Richmond Road, Suite # 203 | Ottawa, ON | K1Z 6X3

Ottawa, ON
K1Z 6X3

Prepared by:

McIntosh Perry
115 Walgreen Road, RR3
Carp, ON
K0A 1L0

November 16, 2020

McINTOSH PERRY

Executive Summary

McIntosh Perry was retained by Jonah Bonn ('the Client') of Holzman Consultants Inc., on behalf of it's client 1408505 Ontario Inc., to conduct a Phase One Environmental Site Assessment ('ESA') for the properties located at 2830 Carling Avenue and 810 Vick Ave., Ottawa, Ontario (collectively 'the Site'). The Site is currently occupied by two single-family residential dwellings.

It is understood that this Phase One ESA is being prepared as part of the City of Ottawa's Site Plan Submission process for a proposed multi-storey residential development.

The Phase One ESA has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 as amended. The report is also in general compliance with "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, reaffirmed 2016.

Based on a review of aerial photographs, historical information, and interviews, 2830 Carling Avenue was developed to its current configuration prior to 1958. 810 Vick Avenue was developed to its current configuration prior to 1976.

McIntosh Perry conducted visual observations of the Site and surrounding areas on September 18 and September 30, 2020. The total area of the Site measures approximately 0.12 hectares and is occupied by two existing single-family residential dwellings. Topography at the Site is generally flat, sloping gently downward to the northeast. Surface drainage at the Site consists of infiltration through the soil. On-site overburden groundwater flow is likely closely tied to surface topography.

No Potentially Contaminating Activities (PCAs) or Areas of Potential Environmental Concern (APECs) have been identified on the Site or within the Study Area, and therefore a ***Phase Two ESA Investigation is not recommended.***

Due to the age of the buildings it is recommended that a designated substance survey be completed before demolition.

The water well located at 2830 Carling Avenue should be decommissioned by a licensed well technician prior to any work on the Site.

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

1.0 INTRODUCTION

McIntosh Perry was retained by Jonah Bonn ('the Client') of Holzman Consultants Inc., on behalf of it's client 1408505 Ontario Inc., to conduct a Phase One Environmental Site Assessment ('ESA') for the properties located at 2830 Carling Avenue and 810 Vick Avenue, Ottawa, Ontario (collectively 'the Site'). The Site is currently occupied by two single-family residential dwellings.

It is understood that this Phase One ESA is being prepared as part of the City of Ottawa's Site Plan Submission process for a proposed multi-storey residential development.

The Site location is shown on Figure 1 (Site Location). The Site layout and features, including the general configuration of on-site structures, are shown on Figure 2 (Site Layout).

The intended future use of the Site will remain residential.

1.1 Phase One Property Information

The Site is zoned as 'Residential Fourth Density Zone' as per the City of Ottawa Zoning By-Law Sections 161 and 162.

The total area of the Site is approximately 0.12 hectares (ha).

1.1.1 Property Identification

The legal description of the Site is as follows:

2830 Carling Avenue, Ottawa Ontario: LT 1 & LT 2 PLAN 231; EXCEPT PT 1 CR617843 "DESCRIPTION IN CR316247 MAY NOT BE ACCEPTABLE IN FUTURE" OTTAWA. PIN: 039430027

and

810 Vick Avenue, Ottawa Ontario: LT 2 PLAN 250; EXCEPT PT 2 CR617843 "DESCRIPTION IN CR563793 MAY NOT BE ACCEPTABLE IN FUTURE" OTTAWA. PIN: 039430019

1.1.2 Property Ownership and Contact Details

McIntosh Perry was retained to complete this Phase One ESA by Jonah Bonn of Holzman Consultants Inc. It is our understanding that 2830 Carling Avenue is currently owned by Randolph Robin Ross and Elizabeth McCulloch and that 810 Vick Avenue is currently owned by Elizabeth Marriott Ross.

McIntosh Perry's contact for the purposes of completing this Phase I is Mr. Bonn; who can be contacted by email at j.bonn@holzmanconsultants.com.

1.1.3 Current and Proposed Future Uses

The Site is currently occupied by two 2-storey single-family residential dwellings, both of which have one basement level. It is understood that this Phase One ESA is being prepared as part of the City of Ottawa's Site Plan Submission process for a proposed multi-storey residential development.

1.2 Surrounding Land Use

Land use in the vicinity of the Site is predominantly residential.

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site, based on a desktop review of available documentation pertaining to the site and observations made during a site visit. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

The Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- Ontario Regulation (O. Reg.) 153/04 - Records of Site Condition (as amended).

The report is also in general compliance with:

- "Phase One Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, Reaffirmed 2016.

A designated substances survey was not completed as part of the current investigation.

The subject property is not an 'Enhanced Investigation Property' as defined in O.Reg. 153/04 (as amended).

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase I Study Area includes the following properties:

- The Site (2830 Carling Avenue and 810 Vick Avenue); and
- All immediately adjacent properties and any properties within 250 m of the Site boundary.

The Phase One ESA Study Area, including surrounding land uses, is shown on Figure 3 (Surrounding Land Use).

3.1.2 First Developed Use Determination

The Site was first developed as two 2-storey single-family residential dwellings, both of which have one basement level.

Based on a review of aerial photographs, historical information, and interviews, 2830 Carling Avenue was developed to its current configuration prior to 1958. 810 Vick Avenue was developed to its current configuration prior to 1976. Both locations are considered to be the first developed use of the Site.

3.1.3 Fire Insurance Plans

No Fire Insurance Plans were available for the study area.

3.1.4 Chain of Title

No Chain of Title search was conducted as part of this report.

3.1.5 Previous Environmental Reports

McIntosh Perry is not aware of any environmental reports by others.

3.1.6 City Directories

City Directories for the subject site and surrounding properties were searched by ERIS of Toronto, Ontario as part of this assessment. The city directory listings for the subject property are summarized as follows:

Table 1 : City Directories

Year	Adjacent Properties	Property Use
2011	**2880 Carling:** Multi-Tenant Residential Timbercreek asset management Pure dance Ottawa	Residential/Commercial
	2764 Richmond Road: Creatrix Design Studios	

Table 1 : City Directories		
Year	**Adjacent Properties**	**Property Use**
	2881 Richmond Road: Multi-tenant Residential Dream catcher Residential	
	73 Ritchie Street: Multi-tenant Residential	
2006-2007	**2880 Carling Avenue:** Multi-Tenant Residential	Residential/Commercial
	2764 Richmond Road: Creatrix Design Studios	
	2881 Richmond Road: Multi-Tenant Residential Premstar metering inc.	
	72 Ritchie Street: Multi-tenant Residential	
2001-2002	**2880 Carling Avenue:** Multi-Tenant Residential Sunset Heights	Residential/Commercial
	2764 Richmond Road: Creatrix Design Studios	
	2881 Richmond Road: Multi-Tenant Residential	
	72 Ritchie Street: Multi-Tenant Residential	
1996-1997	**2880 Carling Avenue:** Multi-Tenant Residential	Residential
	2764 Richmond Road: Residential (1 tenant)	
	2881 Richmond Road: Multi-Tenant Residential	
	72 Ritchie Street: Multi-Tenant Residential	

The city directory search did not identify any environmental concerns with respect to the Site. The city directory search can be found in Appendix A.

3.2 Environmental Source Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

3.2.1 ERIS Report

McIntosh Perry obtained information contained in the databases listed below from ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the ERIS report which is included as Appendix A.

Federal Government Databases:

- Dry Cleaning Facilities
- Environmental Effects Monitoring
- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Federal Identification Registry for Storage Tank Systems (FIRSTS)
- Fisheries & Oceans Fuel Tanks
- Greenhouse Gas Emissions from Large Facilities
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defense & Canadian Forces Fuel Tanks
- National Defense & Canadian Forces Spills
- National Defense & Canadian Forces Waste Disposal Sites
- National Energy Board Pipeline Incidents
- National Energy Board Wells
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Borehole
- Aboveground Storage Tanks
- Certificates of Approval
- Commercial Fuel Oil Tanks
- Inventory of Coal Gasification Plants and Coal Tar Sites
- Compliance and Convictions
- Certificates of Property Use
- Drill Hole Database

- Environmental Activity and Sector Registry
- Environmental Registry
- Environmental Compliance Approval
- Emergency Management Historical Event
- Environmental Penalty Annual Report
- List of Expired Fuels Safety Facilities
- Fuel Storage Tank
- Fuel Storage Tank – Historic
- Ontario Regulation 347 Waste Generators Summary
- TSSA Historic Incidents
- Fuel Oil Spills and Leaks
- Landfill Inventory Management Ontario
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Inventory of PCB Storage Sites
- Orders
- Pesticide Register
- Pipeline Incidents
- Private and Retail Fuel Storage Tanks
- Permit to Take Water
- Ontario Regulation 347 Waste Receivers Summary
- Ontario Spills
- Record of Site Condition
- Wastewater Discharger Registration Database
- Variances for Abandonment of Underground Storage Tanks
- Waste Disposal Sites – MOE CA Inventory
- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

Private Databases:

- Anderson's Waste Disposal Sites
- Automobile Wrecking and Supplies
- Chemical Register
- Compressed Natural Gas Stations
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper

- Retail Fuel Storage Tanks
- Scott's Manufacturing Directory
- Anderson's Storage Tanks

The databases searched by ERIS contained the following information pertaining to the Site:

- Seven (7) Borehole Records
- One (1) Environmental Compliance Approval Record
- Six (6) ERIS Historical Search Records
- Three (3) Ontario Regulation 347 Waste Generators Summary Records
- Four (4) Ontario Spills Records
- Eight (8) Water Well Information System Records

Relevant information from the ERIS report is summarized as follows:

Borehole

Seven (7) Borehole records were found for locations within 250 m of the subject Site. Details of these Borehole records, including total depth, completion material and completion date can be found in the ERIS Report in Appendix A. One (1) borehole was identified on the Site, from 1970, completed to a depth of 5 meters below ground surface.

Environmental Compliance Approvals

One (1) Environmental Compliance Approval (ECA) record was found within 250 m of the subject Site. Environmental Compliance Approval records are summarized in the table below:

Table 2: Environmental Compliance Approval Records

Certificate Number	Company	Location	Approval Type	Approval Year
1944-AW9PFS	Marchurst Development Group Inc.	826 High Street, Ottawa, Ontario	ECA – Municipal and Private Sewage Works	2018

A summary of all located records can be found in the ERIS report in Appendix A.

ERIS Historical Searches

Six (6) Historical ERIS Searches were found within 250 m of the subject property boundaries. The Historical ERIS Searches do not represent areas of environmental concern. The details of these searches, including the properties for which the searches were completed are included in Appendix A.

Ontario Regulation 347 Waste Generators

Three (3) Ontario Regulation 347 Waste Generator records were found for properties within 250 m of the Site. These records are summarized in Table below:

Table 3: Ontario Regulation 347 Waste Generators			
Company	**Address**	Waste Description	Approval Years
Timbercreek Asset Management	2880 Carling Avenue, Ottawa ON	Other activities related to real estate	2012
Richmond Heights Apartments	2841 Richmond Road, Ottawa ON	Not Defined	2012
Homestead Land Holdings Ltd	2881 Richmond Road, Ottawa ON	Aliphatic solvents and residues	2018

Due to the separation distance from the Site and nature of the wastes, these records are not considered to represent an APEC to the Site. Locations of all Ontario Regulation 347 Waste Generators can be found in the ERIS report in Appendix A.

Ontario Spill Records

Four (4) Ontario Spill Records were returned for properties within 250 m of the Site. Details of these spills are summarized below:

Table 4: Ontario Spill Records			
Address	**Company**	**Date**	**Details**
826 High Street, Ottawa ON, K2B 6C4	Francis Fuels	4-26-2001	2-3L of oil spilled onto asphalt. The spill was contained and cleaned up.
2880 Carling Avenue, Ottawa ON, K2B 7Z1	Sunset Heights Apartments	8-3-2005	<1 L of oil spilled into catch basin.
2900 Carling Avenue, Ottawa ON	Ottawa Transit	8-30-2017	10L of coolant leaked onto the road
Carling Street/Ritchie Street	City of Ottawa	7-28-2005	Diesel fuel spill into water course.

Due to the separation distance from the Site and nature of the spills, these records are not considered to represent an APEC to the Site. Locations of all Ontario Spill Records can be found in the ERIS report in Appendix A.

Water Well Information System

Eight (8) water well records were found for properties within 250 m of the study area. One record was listed on the Site, highlighted below. The table below summarizes the details of each well.

Table 5: Water Well Information System Records

Well ID	Completion Material	Depth to Bedrock (m bgs)	Bedrock Type	Well Depth (m bgs)	Well Use	Static Water Level (m bgs)	Clear/ Cloudy	Water Type
1507998	Bedrock	5.79	Limestone	19.8	Commercial	3.05	Clear	Fresh
1508282	Bedrock	22.56	Limestone	59.44	Domestic	18.29	Clear	Fresh
1508280	Bedrock	21.34	Limestone	46.33	Domestic	18.29	N/A	Fresh
1508281	Bedrock	18.29	Limestone	30.48	Domestic	9.14	Clear	Fresh
1507995	Bedrock	4.57	Limestone	22.86	Domestic	9.14	N/A	Fresh
1507984	Bedrock	7.62	Granite/Shale	30.48	Domestic	7.62	N/A	Fresh
1508548	Bedrock	0.61	Limestone	21.95	Municipal	4.27	Clear	Fresh
1508640	Bedrock	18.29	Limestone	60.35	Domestic	21.34	Clear	Fresh

Locations of the Water Well Information records can be found in the ERIS report in Appendix A.

3.2.2 MECP Freedom of Information and Index Review Requests

In order to identify any previous environmental reports concerning the Site, a Freedom of Information (FOI) request and index review request were submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP). At the time of writing there have been no official responses from the MECP regarding the FOI request.

Responses not received at the time of this report will be reported under separate cover if relevant information is obtained.

Copies of the regulatory requests are included in Appendix B.

3.2.3 TSSA Information Request

An FOI request was also submitted to the Technical Standards and Safety Authority (TSSA). A response was received on September 3 and September 22, 2020 which indicated no further information related to the Site was available.

A copy of TSSA correspondence is provided in Appendix C.

3.2.4 Historical Land Use Inventory (HLUI) Request

A Historic Land Use Inventory (HLUI) request was submitted to the City of Ottawa to determine historic land uses for multiple properties located in proximity to 2830 Carling Avenue and 810 Vick Avenue.

The HLUI response was received on October 2, 2020. Upon reviewing the document, no items or land uses were observed which represent an area of environmental concern and which were not previously identified within this report. A copy of the HLUI report is included in Appendix C.

4.0 PHYSICAL SETTING

4.1 Aerial Photographs and Satellite Images

Table 6 below describe observations about current and historical land use for the Site and surrounding properties that were noted during a review of aerial photographs of the area taken between 1958 and 2017, included in Appendix D. Current land uses are included on Figure 3.

Table 6: Current and Historical Land Uses for the Site

Date	Source	Observations
1958	GeoOttawa	2830 Carling Avenue has been developed and is in its current configuration. The property at 810 Vick Avenue has not be constructed.
1965	GeoOttawa	2830 Carling Avenue exists in its current configuration. Further residential development has occurred on the lot to the east of the Site.
1976	GeoOttawa	The Site has been developed in its current configuration. The lot to the east of the Site has been developed (810 Vick Avenue). Further development has occurred surrounding the Site. A large apartment building to the east of the property has been built since the last aerial photograph. Residential development has occurred to the west of the Site.
1991	GeoOttawa	The Site exists in its current configuration. Further residential development has occurred to the south of the Site.
2002	GeoOttawa	The Site exists in its current configuration. No significant changes have occurred at the Site or to surrounding properties since the last aerial photograph.
2008	GeoOttawa	The Site exists in its current configuration. No significant changes have occurred at the Site or to surrounding properties since the last aerial photograph.
2017	GeoOttawa	The Site exists in its current configuration. No significant changes have occurred at the Site or to surrounding properties since the last aerial photograph.

4.2 Topography

Elevation at the Site ranges from approximately 80 m above sea level (m asl). The topography is generally flat, with a slight slope in a north-south direction (see Figure 4).

4.3 Hydrology

The closest water body to the Site is the Ottawa River, located approximately 630 m northwest of the Site, at its closest point. On-site infiltration of water is interpreted to occur in areas of permeable ground surface. On-site overburden groundwater flow is likely closely tied to surface topography, therefore likely to flow northwest.

4.4 Geology

4.4.1 Surficial Geology

Geological maps of the area classify the overburden at the Site as older alluvial deposits including clay, silt, gravel and may contain organic remains (OGS, 2010).

4.4.2 Bedrock Geology

Geological maps of the area classify the bedrock under the Site as limestone, dolostone, shale, arkose, and sandstone (OGS, 2011).

4.5 Hydrogeology

On a local scale, groundwater is interpreted to reflect local topography. Groundwater flow at the Site is expected to flow to the north/northwest towards the Ottawa River. On a regional scale, groundwater is interpreted to flow north towards the Ottawa River, located approximately 630 m northwest of the Site.

4.6 Water Bodies and Areas of Natural Significance

No waterbodies were encountered at the Site. The closest permanent natural waterbody is the Ottawa River (located approximately 630 m northwest of the Site, at its closest point).

When completing a Phase One ESA, considerations are made for the following MNRF-maintained areas of natural significance:

- Areas of Natural and Scientific Interest (ANSIs);
- Provincially Significant Wetlands (PSWs); and,
- Wildlife Management Areas (WMAs).

No areas of natural significance were observed within the Study Area.

4.7 Well Records

McIntosh Perry performed a well record search utilizing the ERIS Water Well Information System (WWIS) data (based on MECP GIS data). Three well records were returned from this search. Details of the well records are summarized in the Section 3.2.1. One water well was observed on the Site, as noted in the table above.

5.0 INTERVIEWS

5.1 2830 Carling Avenue

McIntosh Perry personnel conducted an interview with Randolph Robin Ross, current co-owner of 2830 Carling Avenue, Ottawa Ontario. The interview was completed in person on September 18, 2020. This interview as completed in order to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. Information collected during this interview was used to corroborate data from other sources, and is presented in Appendix E.

The information obtained from the interview is summarized as follows:

Table 7: Interview Record – 2830 Carling Avenue

Potential Environmental Concerns	Interview Comments
Accidents/Spills	Possible leak of oil tank
Previous Use of Site	Residential for many years
Adjacent Properties	Residential since 1985
Fuel Handling/Storage	Oil heating tank on Site previously
Maintenance/Operational Areas	Basement
Hazardous Materials Storage	None
Salt Storage	1-2 bags
Fuel Storage Tanks	Fuel storage tank removed when converted to gas in 1999
Odours	Odours from water damage
Potable Water	Well on site previously
Septic and Wastewater Discharges	Currently city septic. No previous knowledge of previous septic tank
Pesticides	No knowledge
Mould	Yes, water damage
Heating and Cooling Systems	Gas furnace, A/C not in operation
Major Mechanical Equipment	None
Waste Oils, Solvents, Batteries	None
PCBs	None
Asbestos	No knowledge
Lead Paint	No knowledge
ODS	None
Electromagnetic Radiation	None
UFFI	No knowledge
Mercury	No knowledge
Radon Gas	No knowledge
Soil and Groundwater Conditions	None
Wells	One well prior
Waste Disposal and Recycling	Curb-side garbage pick up
Fill Material	None
Floor Drains/OWS (Discharge Locations)	Sewer system

Table 7: Interview Record – 2830 Carling Avenue	
Potential Environmental Concerns	**Interview Comments**
Other	None

Note that statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the subject property. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

5.2 810 Vick Avenue

McIntosh Perry personnel conducted an interview with Elizabeth Ross, current owner of 810 Carling Avenue, Ottawa Ontario. The interview was completed in person on September 30, 2020. This interview as completed in order to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. Information collected during this interview was used to corroborate data from other sources, and is presented in Appendix E.

The information obtained from the interview is summarized as follows:

Table 8: Interview Record – 810 Vick	
Potential Environmental Concerns	**Interview Comments**
Accidents/Spills	No knowledge
Previous Use of Site	Residential
Adjacent Properties	Residential
Fuel Handling/Storage	None
Maintenance/Operational Areas	Basement
Hazardous Materials Storage	None
Salt Storage	1-2 bags
Fuel Storage Tanks	None
Odours	None
Potable Water	City water
Septic and Wastewater Discharges	Currently city septic
Pesticides	None
Mould	None
Heating and Cooling Systems	Gas furnace and A/C unit
Major Mechanical Equipment	None
Waste Oils, Solvents, Batteries	None
PCBs	None
Asbestos	No knowledge
Lead Paint	No knowledge
ODS	None
Electromagnetic Radiation	None
UFFI	None
Mercury	No knowledge

Table 8: Interview Record – 810 Vick	
Potential Environmental Concerns	**Interview Comments**
Radon Gas	None
Soil and Groundwater Conditions	None
Wells	None
Waste Disposal and Recycling	Curb-side garbage pick up
Fill Material	None
Floor Drains/OWS (Discharge Locations)	Sewer system
Other	None

Note that statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the subject property. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

6.0 SITE RECONNAISSANCE

The objectives of the site reconnaissance were as follows:

- To identify potential environmental concerns associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in, or under the Site;
- To identify, as practical, current and past uses, activities, and PCAs in the vicinity of the Site; and,
- To identify details of potential contaminant pathways on, in, or under the Site and potential environmental concerns and contaminants of potential concern.

McIntosh Perry had open and ready access to all interior and exterior areas of the Site during the Site visit. McIntosh Perry accessed vacant common interior areas, as well as the basement of the residence.

6.1 General Requirements

McIntosh Perry conducted the Site reconnaissance on September 18 (from approximately 2:30 pm to 3:30 pm) and September 30, 2020 (approximately 1:00 pm to 1:30 pm). Bradley Sutherland and Monica Black of McIntosh Perry inspected all accessible interior and exterior areas of the Site and observed other properties in the Study Area from publicly accessible locations. The Site visit was conducted in accordance with McIntosh Perry's internal Health and Safety policy.

6.1.1 Qualifications of Assessors

Field assessment for this report was done by Bradley Sutherland, B.Sc. and Monica Black, B.Sc. of McIntosh Perry. Bradley and Monica have completed numerous Phase I/One and II/Two ESAs for residential, commercial and industrial properties across Ontario.

Reporting for this report was done by Monica Black, B.Sc. of McIntosh Perry. Monica has completed numerous Phase I/One and II/Two ESAs for residential, commercial and industrial properties across Ontario.

Senior review was undertaken by Meghan Coyle, P.Geo. Meghan is an Ontario licensed Professional Geoscientist and a Qualified Person (QP) under O.Reg. 153/04, as amended, and has completed numerous of Phase I/One and II/Two ESAs across Ontario.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and the Professional Geoscientists of Ontario (PGO) and is a full member of the Consulting Engineers of Ontario (CEO).

6.1.2 Weather Conditions at Time of Inspection

Weather conditions at the time of the Site visit at 2830 Carling Avenue were cloudy and approximately 18 degrees Celsius.

Weather conditions at the time of the Site visit at 810 Vick Avenue were sunny and approximately 21 degrees Celsius.

6.1.3 Property Occupancy/Use Status at Time of Inspection

The Site currently operates as two separate single-family residential dwellings.

Land use in the vicinity is mainly residential, as shown on Figure 3.

6.1.4 Site Photographs

Photographs of the Site are included in Appendix F. A brief description is included with each photograph, including location and orientation where applicable.

6.2 Description of Investigations

The Phase One component of the current investigation is a preliminary environmental screening that aims to provide a qualitative assessment of the environmental condition of the site based on a review of available information pertaining to the Site, observations made during a Site visit, and information from interviews with people who have knowledge of the Site and its history.

The Phase I portion of the current investigation includes the following components:

- A review of available background information;
- Interviews with person(s) knowledgeable about the site;
- Site reconnaissance; and,
- Freedom of information requests (Ministry of the Environment, Conservation and Parks (MECP) and the Technical Standards and Safety Authority (TSSA))

6.2.1 Phase One Property

The Site is currently occupied by two single-family residential dwellings, constructed over one basement level. The exterior and interior inspections of the Site was conducted on September 18 and 30, 2020. Selected photographs are included in Appendix F.

6.2.2 Phase One Study Area

The Study Area consists of the Site and all properties within 250 m of the Site. The study area primarily consists of mainly residential dwellings.

6.2.3 Structures and Other Improvements

The Site is currently occupied by two single-family residential dwellings with one basement level. The remainder of the site includes a paved driveway, as well as some vegetated areas immediately in front of the residences and along the boundaries of the site.

The residences are heated through a natural gas furnace. No cooling system was observed at 2830 Carling Avenue, but an air conditioning unit was present at 810 Vick Avenue.

6.2.4 Below Ground Structures

Below-ground structures observed at the Site consisted of one basement level at both residences.

6.2.5 Storage Tanks

No storage tanks were observed on Site.

6.2.6 Hazardous Materials

No hazardous materials were observed on Site.

6.2.7 Potable and Non-Potable Water Sources

The Site is municipally serviced by the City of Ottawa.

6.2.8 Underground Service Trenches

Service trenches for water, sewer, and/or telephone services may be present at the Site. In general, underground service trenches are considered to have the potential to serve as preferential contaminant transport pathways. However, no underground service trenches were observed.

6.2.9 Exit and Entry Points

All exit and entry points to the Site were inspected. No concerns were identified.

6.2.10 Existing and Former Heating Systems

Both residences are heated by natural gas furnaces.

6.2.11 Cooling Systems

Central cooling systems exist at both residences.

6.2.12 Drains, Pits, and Sumps

One floor drain was observed in the basement of each dwelling. No pits or sumps were present at the Site.

6.2.13 Unidentified Substances

No unidentified substances were observed during the Site visit.

6.2.14 Stains and/or Corrosion Near Drains, Pits, and Sumps

No stains and/or corrosion near drains were observed.

6.2.15 Well Details

A hand pump well at the front of the house on 2830 Carling Avenue was observed. The well is no longer in service.

6.2.16 Details of Sewage Works

The Site is serviced by the City of Ottawa municipal sewer system.

6.2.17 Ground Surface Details

The ground surface surrounding the residences is covered with natural landscaped features (grass/shrubs/trees).

6.2.18 Current and Former Railway Lines

No evidence of current or former railway lines were observed at the Site.

6.2.19 Staining to Soil, Vegetation, or Pavement

No staining to the soil, vegetation or pavement was identified at the time of the Site visit.

6.2.20 Stressed Vegetation

No stressed vegetation was observed during the Site visit.

6.2.21 Fill and Debris

No significant fill was observed during the Site visit.

6.2.22 Mould

Suspected mold was observed at 2830 Carling Avenue during the Site visit (Photo 7).

7.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, and evaluation and an interpretation of the information from the records review, interviews and site reconnaissance.

7.1 Current and Past Uses of Phase I Property

The Site is currently occupied as two single-family residential dwellings. Based on a review of historical information, the Site was developed prior to in its current configuration in 1958.

7.2 Potentially Contaminating Activities (PCAs)

The following off-site PCAs were identified in the Phase One ESA Study Area. The PCAs are presented on Figure 5, corresponding to the numbers listed below.

Table 9: Potentially Contaminating Activities

No.	Potential Contaminating Activity (PCA)	Location of PCA	Proximity of PCA to Phase One ESA Property	Time Frame Associated with PCA	Information Source	Does the PCA warrant an area of potential environmental concern (APEC)
1	Ontario Regulation 347 Waste Generator (see Table 3 for details)	2881 Richmond Road	Approximately 240 meters south	Historic	ERIS	No - due to separation distance from Site
2	Ontario Spill Record (see Table 4 for details)	826 High Street	Approximately 85 meters southeast	Historic	ERIS	No - due to separation distance from Site and size of spill
3	Ontario Spill Record (see Table 4 for details)	2880 Carling Avenue	Approximately 110 meters west	Historic	ERIS	No - due to separation distance from Site and size of spill
4	Ontario Spill Record (see Table 4 for details)	2900 Carling Avenue	Approximately 193 meters west	Historic	ERIS	No - due to separation distance from Site
5	Ontario Spill Record (see Table 4 for details)	Carling Street/Ritchie Street	Approximately 253 meters west	Historic	ERIS	No - due to separation distance from Site

7.3 Areas of Potential Environmental Concern (APEC)

No APECs were identified on the Phase One ESA property or within the Phase One Study Area.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Several PCAs were identified within the Phase One ESA study area. Due to the timelines associated with the previously mentioned events (any spills or leaks) and distances from the Site, these PCAs do not represent APECs to the Site.

8.1 Is a Phase 2 ESA Required?

Based on the absence of any APECs, a Phase Two ESA is ***not*** *recommended for this Site.*

Based on the age of the buildings on-Site it is recommended that a designated substance survey be completed prior to any demolition or renovation activities.

The water well located at 2830 Carling Avenue should be decommissioned by a licensed well technician prior to any work on the Site.

9.0 LIMITATIONS

This report has been prepared, and the work referred to in this report has been undertaken by, McIntosh Perry Consulting Engineers Ltd. for Holzman Consultants Inc.. It is intended for the sole and exclusive use of Holzman Consultants Inc. The report may not be relied upon by any other person or entity without the express written consent of McIntosh Perry Consulting Engineers Ltd. (in the form of a Reliance Letter).

Any use which a third party makes of this report, or any reliance on decisions made based on it, without a Reliance Letter are the responsibility of such third parties. McIntosh Perry Consulting Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Some of the information presented in this report was provided through maps, air photographs, and environmental reports. While attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, McIntosh Perry Consulting Engineers Ltd., has, in certain instances, been required to assume that the information provided is accurate.

The conclusions presented represent the best professional judgment of the assessor based on current environmental standards and on the Site conditions observed during the site inspection on September 18 and 30, 2020. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should additional information become available, McIntosh Perry Consulting Engineers Ltd. requests that this information be brought to our attention so that we may re-assess the conclusions presented herein.

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry,

Monica Black, B.Sc.
Environmental Technician

Meghan Coyle, P.Geo., QP_{ESA}
Environmental Geoscientist

u:\ottawa\01 project - proposals\2021 jobs\cco\cco-21-1191 first bay properties inc_stacked towns_2830 carling ave\ph i esa\report\cco-21-1191_phase i esa_2830 carling_final_16.nov.2020.docx

10.0 REFERENCES

Canadian Standards Association (CSA), Z768-01: Phase I Environmental Site Assessment, CSA International, Toronto, 2001 (Updated 2003, Reaffirmed 2012).

Natural Resources Canada (NRCAN), 2011. Geobase online mapping tool: Hydro Network GIS Data accessed through <http://geobase.ca/geobase/en/viewer.jsp?group=nhn>.

Ontario Geologic Survey (OGS), 2011 GIS Data for bedrock and surficial geology stratigraphy.

Ontario Ministry of the Environment, Conservation and Parks (MECP), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

Ontario Geological Survey (OGS), 2020 – Google Earth™ (website: http://www.mndmf.gov.on.ca /mines/ogs_earth _e.asp).

ERIS, 2020. Standard Report Results.

PHASE I ENVIRONMENTAL SITE ASSESSMENT 2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

FIGURES

McINTOSH PERRY

LEGEND

- Site Location
- Local Road
- Major Road
- Watercourse
- Waterbody
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT: JONAH BONN

PROJECT: PHASE I ESA
2830 CARLING AVENUE & 810 VICK AVENUE

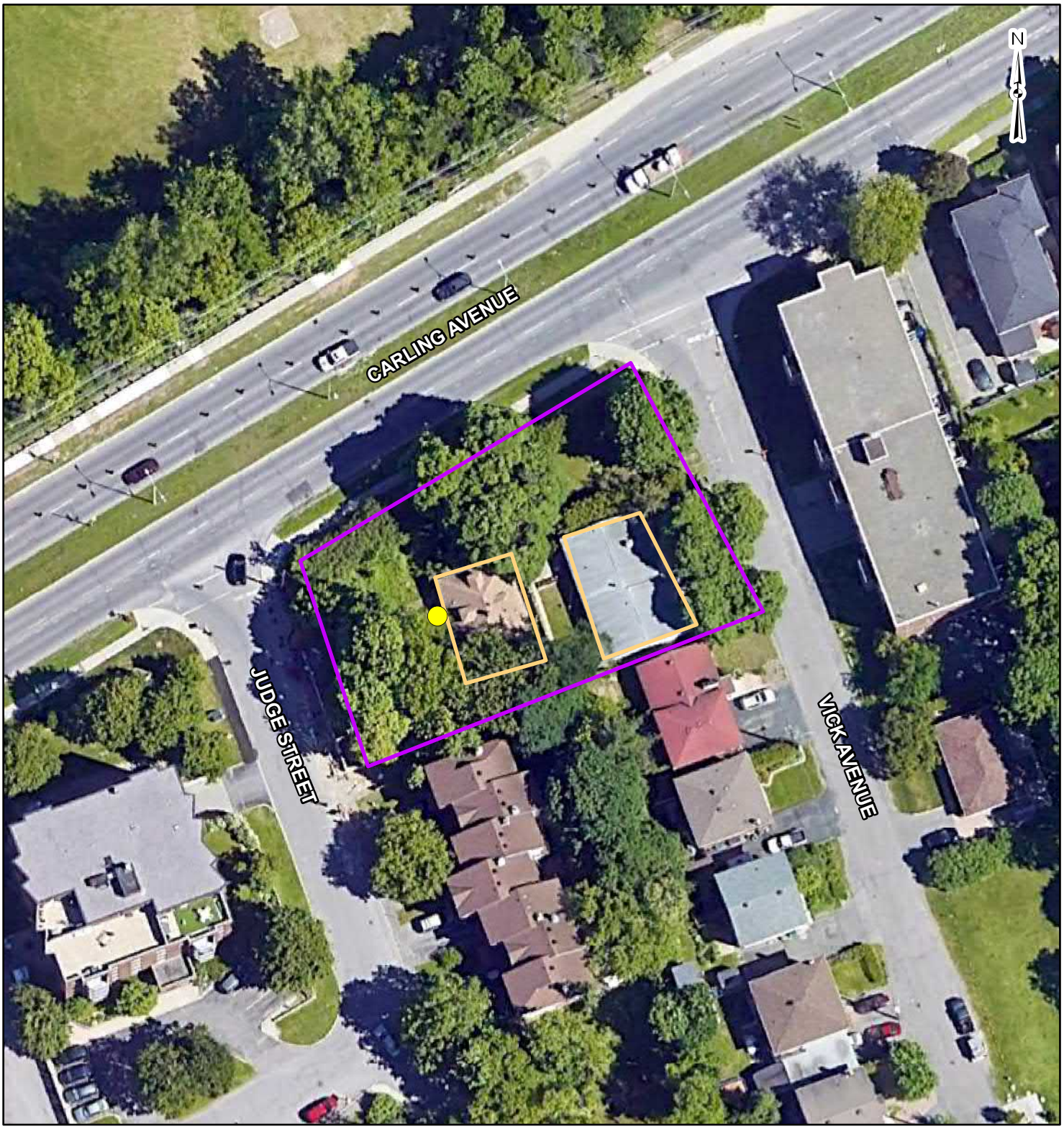
TITLE: SITE LOCATION

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CCO-21-1191	
Date	Sep., 23, 2020
GIS	LC
Checked By	MB

FIGURE: 1

C:\Users\Clement\McIntosh Perry\GIS - Documents\Projects\2021\CCO\CCO-21-1191 First Bay Properties Inc 2380 Carling\GIS\aprx\Phase\CCO-21-1191_01_SiteLocation.aprx



LEGEND

- Approximate Site Boundary
- On-Site Building
- Well

20 10 0 20

Scale 1:750 Metres

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT: JONAH BONN

PROJECT: PHASE I ESA
2830 CARLING AVENUE & 810 VICK AVENUE

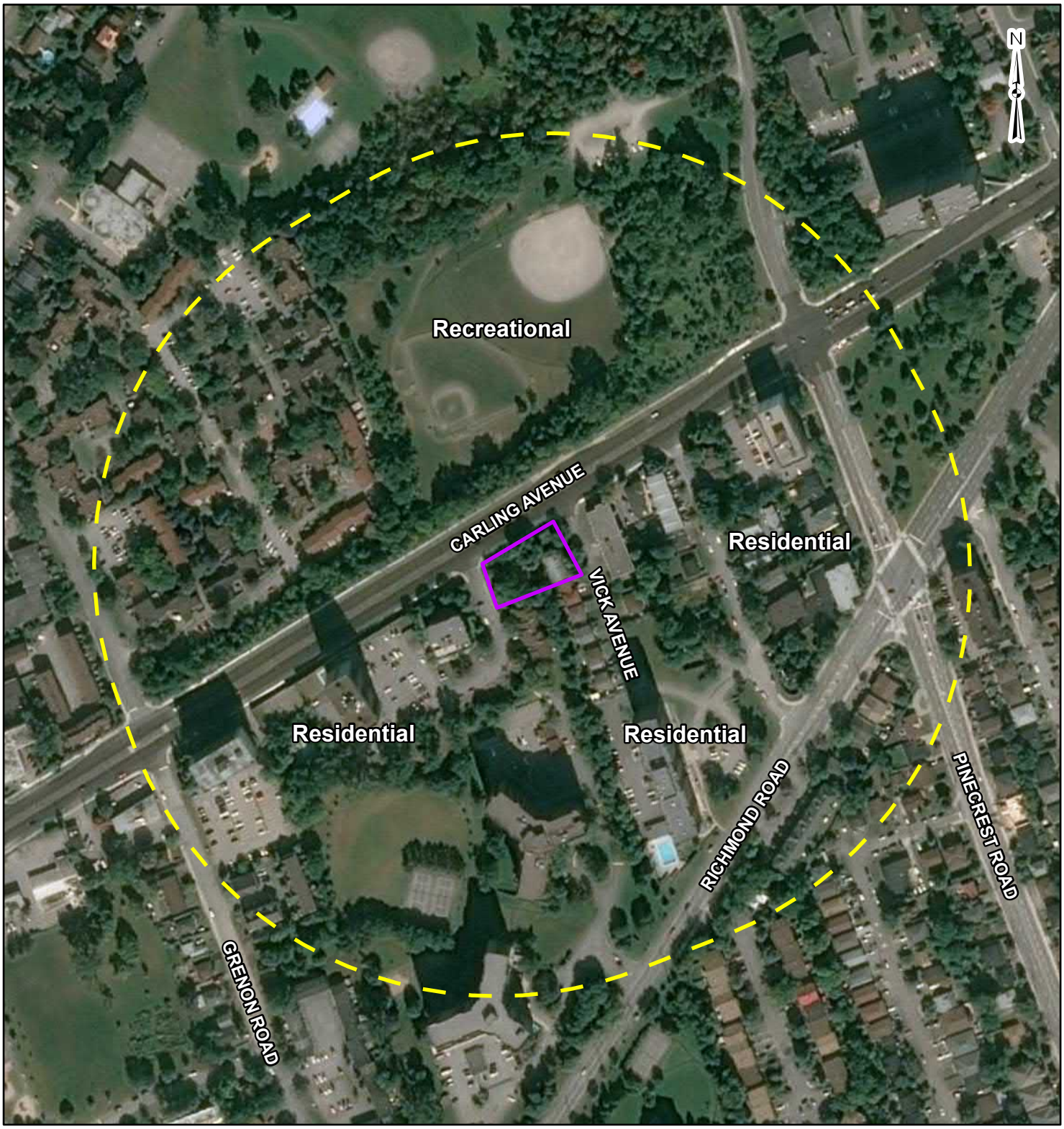
TITLE: SITE LAYOUT

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:	CCO-21-1191
Date	Oct., 14, 2020
GIS	EU
Checked By	MB

FIGURE: 2

C:\Users\e.ungun\McIntosh Perry\GIS - Documents\Projects\2021\CCO\CCO-21-1191 First Bay Properties Inc 2380 Carling\GIS\aprx\Phase\CCO-21-1191-Phase1_ESA.aprx



LEGEND

- Approximate Site Boundary
- 250m Buffer

100 50 0 100

Scale 1:3,500 Metres

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT: JONAH BONN

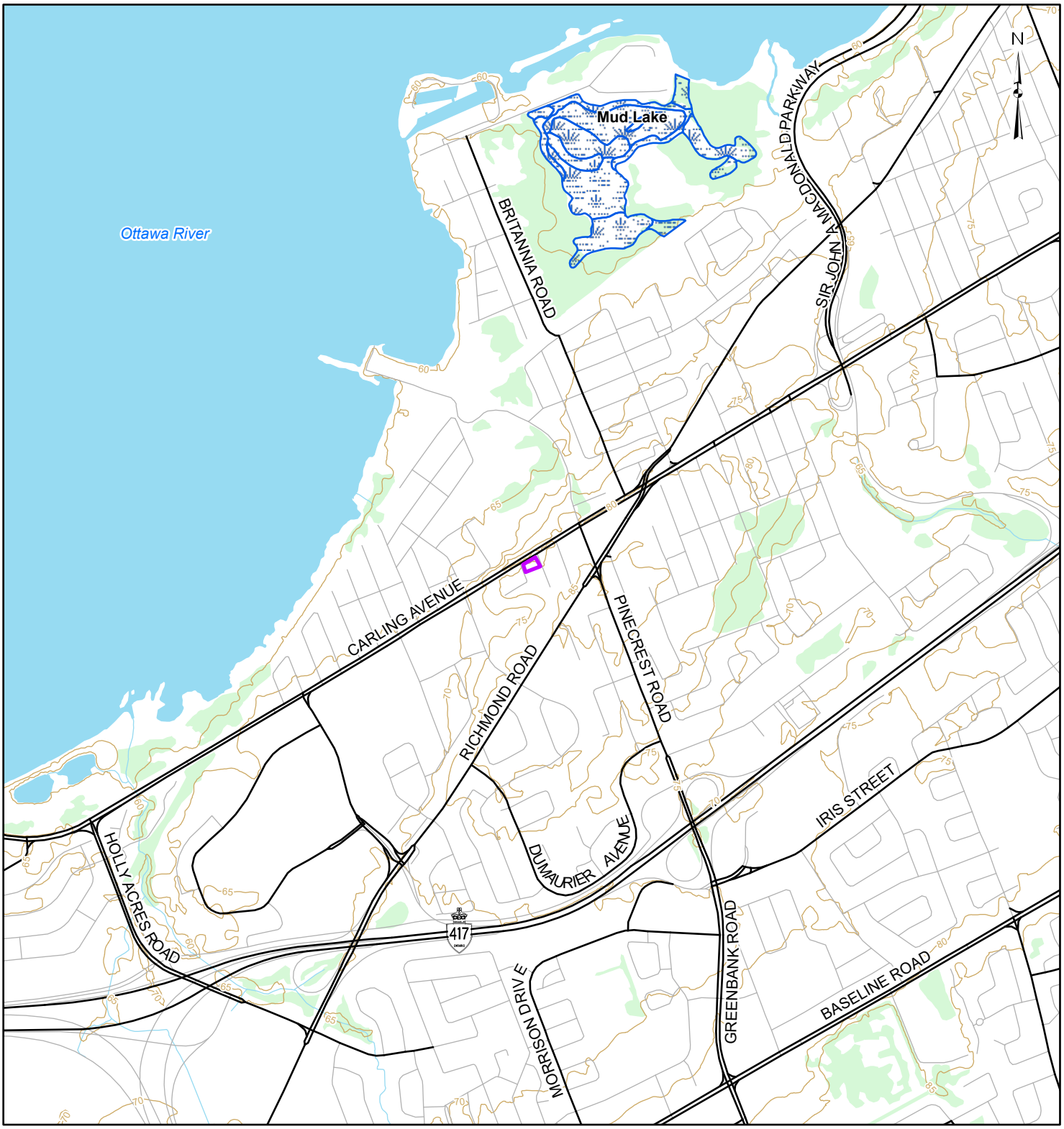
PROJECT: PHASE I ESA
2830 CARLING AVENUE & 810 VICK AVENUE

TITLE: STUDY AREA AND SURROUNDING LAND USE

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CCO-21-1191	
Date	Oct., 14, 2020
GIS	EU
Checked By	MB

FIGURE: 3



LEGEND

- Approximate Site Boundary
- Local Road
- Major Road
- Contour (masl)
- Watercourse
- Waterbody
- Provincially Significant Wetland
- Unevaluated Wetland
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

CLIENT: JONAH BONN

PROJECT: PHASE I ESA
2830 CARLING AVENUE & 810 VICK AVENUE

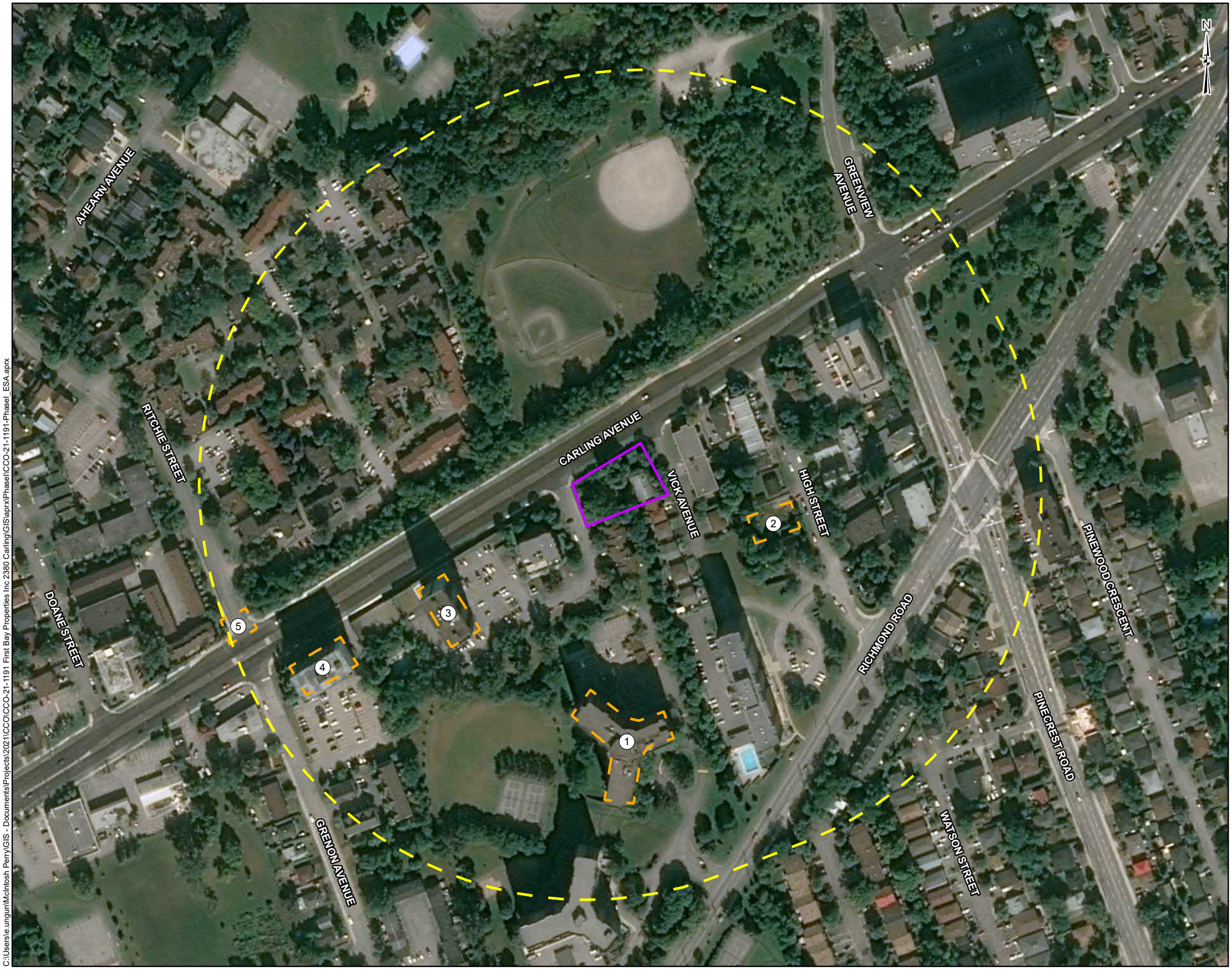
TITLE: DRAINAGE AND TOPOGRAPHY

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CCO-21-1191	
Date	Oct., 14, 2020
GIS	EU
Checked By	MB

FIGURE: 4

C:\Users\e.ungun\McIntosh Perry\GIS - Documents\Projects\2021\CCO\CCO-21-1191 First Bay Properties Inc 2380 Carling\GIS\aprx\Phase I\CCO-21-1191-Phase I ESA.aprx



LEGEND

- Approximate Site Boundary
- 250m Buffer
- PCA

1. 2881 Richmond Road
   - Ontario Regulation 347 Waste Generator (see Table 3 for details)
2. 826 High Street
   - Ontario Spill Record (see Table 4 for details)
3. 2880 Carling Avenue
   - Ontario Spill Record (see Table 4 for details)
4. 2900 Carling Avenue
   - Ontario Spill Record (see Table 4 for details)
5. Carling Street/Ritchie Street
   - Ontario Spill Record (see Table 4 for details)

REFERENCE

GIS data provided by the Ontario Ministry of Natural Resources and Forestry, 2020.

80 40 0 80

Scale 1:2,500 Metres

CLIENT: JONAH BONN

PROJECT: PHASE I ESA
2830 CARLING AVENUE & 810 VICK AVENUE

TITLE: POTENTIALLY CONTAMINATING ACTIVITIES (PCA'S) AND AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC'S)

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:	CCO-21-1191
Date	Oct., 14, 2020
GIS	EU
Checked By	MB

FIGURE: 5

C:\Users\e.ungun\McIntosh Perry\GIS - Documents\Projects\2021\CCO\CCO-21-1191 First Bay Properties Inc 2380 Carling\GIS\aprx\Phase\CCO-21-1191-Phase_ESA.aprx

PHASE I ENVIRONMENTAL SITE ASSESSMENT
2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

APPENDIX A – CITY DIRECTORY

McINTOSH PERRY

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *Ottawa, Ontario*
Report Type: *City Directory*
Order No: *20290200512*
Information Source: *Vernon's Ottawa, ON, City Directory*
Date Completed: *09/09/2020*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

City Directory Information Source
Vernon's Ottawa, ON, City Directory

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 2011	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential -Timbercreek asset mgmt. -Pure dance Ottawa
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Creatrix Design Studios
2881 Richmond Road	-Multi-Tenant Residential -Dream catcher residential

73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 2006-07	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Creatrix Design Studios
2881 Richmond Road	-Multi-Tenant Residential -Premstar metering inc.
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 2001-02	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential -Sunset heights
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Creatrix Design Studios
2881 Richmond Road	-Multi-Tenant Residential
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario

Year: 1996-97	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Multi-Tenant Residential
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1992	

Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Multi-Tenant Residential -Shelter corp of can. -Regional office
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1987	
Site Listing:	-No Civic Address

Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Multi-Tenant Residential -Shelter corp of can. -Regional office
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1981-82	
Site Listing:	-No Civic Address

Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Multi-Tenant Residential
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1977-78	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed

2880 Carling Avenue	-Multi-Tenant Residential
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Address Not Listed
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1972	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Address Not Listed

837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-No Return
2881 Richmond Road	-Address Not Listed
73 Ritchie Street	-Multi-Tenant Residential

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1967	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Address Not Listed
837 Grenon Avenue	-Res (1 Tenant)
2764 Richmond Road	-No Return

2881 Richmond Road	-Address Not Listed
73 Ritchie Street	-Address Not Listed

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1962	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Address Not Listed
837 Grenon Avenue	-Res (1 Tenant)
2764 Richmond Road	-Res (1 Tenant)
2881 Richmond Road	-Address Not Listed

73 Ritchie Street	-Address Not Listed

PROJECT NUMBER: 20290200512	
Site Address:	Ottawa, Ontario
Year: 1957	
Site Listing:	-No Civic Address
Adjacent Properties:	
2805 Carling Avenue	-Address Not Listed
2880 Carling Avenue	-Address Not Listed
837 Grenon Avenue	-Address Not Listed
2764 Richmond Road	-Address Not Listed
2881 Richmond Road	-Address Not Listed
73 Ritchie Street	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

APPENDIX B – ERIS REPORT

McINTOSH PERRY

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*2830 Carling Ph ONE ESA* *2830 Carling Ave* *Ottawa ON K2B 7J4*
Project No:	*CCO-21-1191*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20290200512*
Requested by:	*McIntosh Perry Consulting Engineers*
Date Completed:	*September 8, 2020*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*2830 Carling Ph ONE ESA* *2830 Carling Ave Ottawa ON K2B 7J4*
Project No:	*CCO-21-1191*

Order Information:

Order No:	*20290200512*
Date Requested:	*September 2, 2020*
Requested by:	*McIntosh Perry Consulting Engineers*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 20 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	1	6	7
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical 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
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
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	3	3
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
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	4	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	7	8
	Total:		2	27	29

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	BORE		ON	SW/0.0	0.29	17
2	WWIS		ON ***Well ID:*** 1507998	SW/0.0	0.29	18

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	EHS		2880 Carling Ave Ottawa ON K2B7Z1	SSE/77.0	-0.71	21
4	BORE		ON	SSW/93.4	-0.71	21
5	SPL	FRANCIS FUELS	826 HIGH ST (IN FRONT OF) TANK TRUCK (CARGO) OTTAWA CITY ON K2B 6C4	E/96.4	0.29	22
5	ECA	Marchurst Development Group Inc.	826 High St Ottawa ON	E/96.4	0.29	22
6	WWIS		ON ***Well ID:*** 1508282	E/101.9	0.29	23
7	SPL	Sunset Heights Apartments<UNOFFICIAL>	2880 Carling Avenue Ottawa ON K2B 7Z1	WSW/102.9	0.09	26
7	GEN	Timbercreek Asset Management	2880 Carling Avenue Ottawa ON	WSW/102.9	0.09	26
8	BORE		ON	SW/105.7	-0.71	26
9	WWIS		ON ***Well ID:*** 1508280	ESE/121.6	0.29	28
9	WWIS		ON ***Well ID:*** 1508281	ESE/121.6	0.29	31
10	GEN	RICHMOND HEIGHTS APARTMENTS	2841 RICHMOND ROAD OTTAWA ON	SE/142.4	0.29	33
11	BORE		ON	ESE/147.0	1.08	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	WWIS		ON **Well ID:** 1507995	W/150.0	-12.88	35
13	WWIS		ON **Well ID:** 1507984	SE/164.7	0.25	37
14	EHS		2841 Richmond Road Ottawa ON K2B 6C5	ESE/170.6	0.98	40
15	EHS		826 Pinecrest Road Ottawa ON	E/182.3	1.29	40
16	EHS		822 Pinecrest Rd Ottawa ON K2B6A9	E/183.0	1.29	40
17	EHS		2880 & 2900 Carling Avenue Ottawa ON	WSW/202.7	-9.47	41
18	BORE		ON	ENE/204.7	1.04	41
19	SPL	Ottawa Transit<UNOFFICIAL>	2900 Carling Avenue Ottawa ON	WSW/206.7	-6.19	42
20	WWIS		ON **Well ID:** 1508548	NW/225.7	-13.71	42
21	BORE		ON	NW/225.7	-13.71	45
22	WWIS		ON **Well ID:** 1508640	ESE/231.7	1.29	46
23	SPL	City of Ottawa	Carling Street / Ritchie Street<UNOFFICIAL> Ottawa ON	WSW/239.8	-10.77	48
24	GEN	HOMESTEAD LAND HOLDINGS LTD	2881 RICHMOND RD OTTAWA ON K2B7Z4	S/242.1	-1.02	49

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	BORE		ON	ENE/244.6	1.29	49
26	EHS		838 PINEWOOD CRESCENT OTTAWA ON K2B 8B7	E/249.6	1.29	51

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 7 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	0.0	1
	ON	93.4	4
	ON	105.7	8
	ON	147.0	11
	ON	204.7	18
	ON	225.7	21
	ON	244.6	25

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jul 31, 2020 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Marchurst Development Group Inc.	826 High St Ottawa ON	96.4	5

Site	Address	Distance (m)	Map Key

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2880 Carling Ave Ottawa ON K2B7Z1	77.0	3
	2841 Richmond Road Ottawa ON K2B 6C5	170.6	14
	826 Pinecrest Road Ottawa ON	182.3	15
	822 Pinecrest Rd Ottawa ON K2B6A9	183.0	16
	2880 & 2900 Carling Avenue Ottawa ON	202.7	17
	838 PINEWOOD CRESCENT OTTAWA ON K2B 8B7	249.6	26

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2020 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Timbercreek Asset Management	2880 Carling Avenue Ottawa ON	102.9	7
RICHMOND HEIGHTS APARTMENTS	2841 RICHMOND ROAD OTTAWA ON	142.4	10

Site	Address	Distance (m)	Map Key
HOMESTEAD LAND HOLDINGS LTD	2881 RICHMOND RD OTTAWA ON K2B7Z4	242.1	24

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

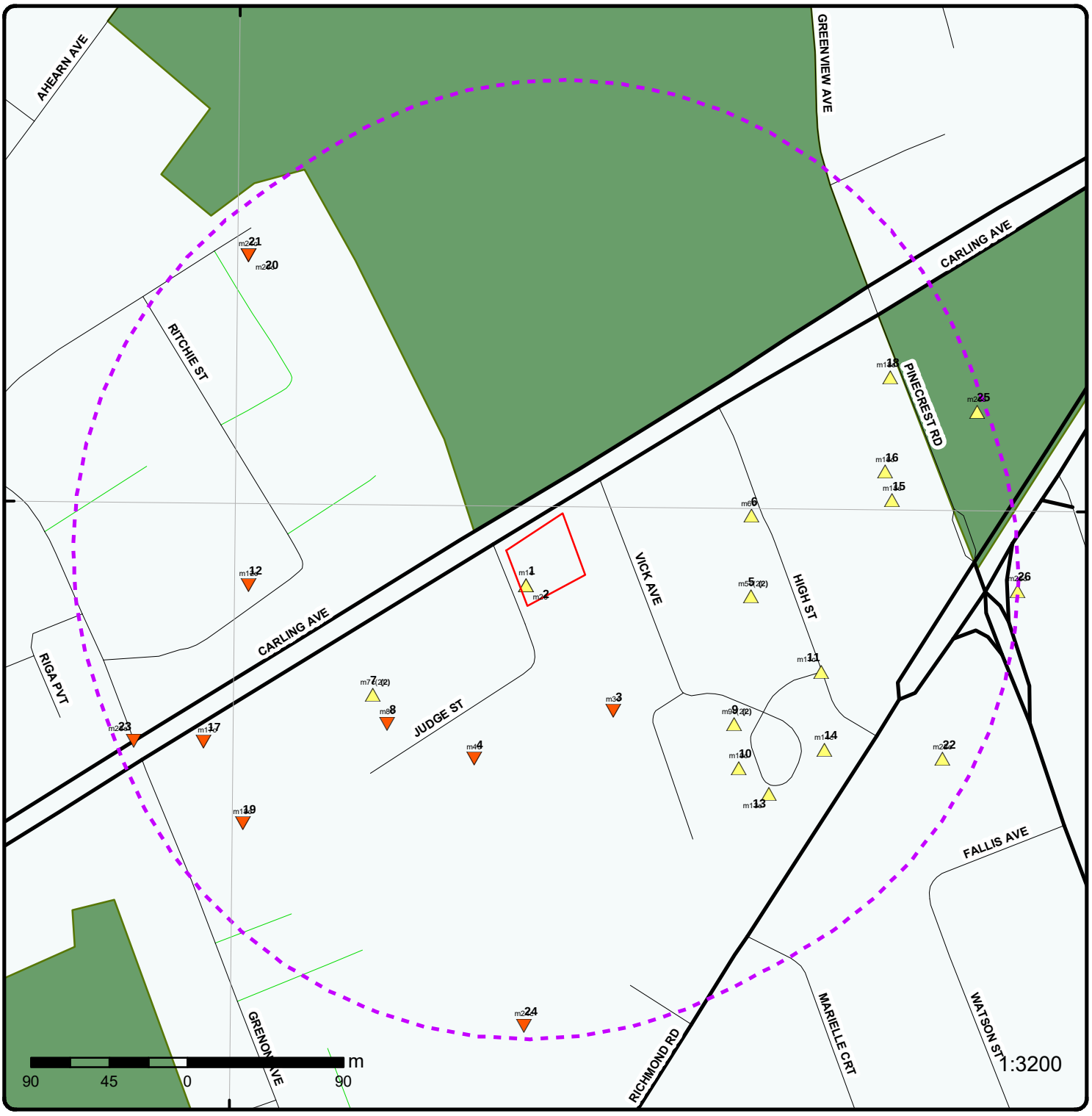
Site	Address	Distance (m)	Map Key
FRANCIS FUELS	826 HIGH ST (IN FRONT OF) TANK TRUCK (CARGO) OTTAWA CITY ON K2B 6C4	96.4	5
Sunset Heights Apartments<UNOFFICIAL>	2880 Carling Avenue Ottawa ON K2B 7Z1	102.9	7
Ottawa Transit<UNOFFICIAL>	2900 Carling Avenue Ottawa ON	206.7	19
City of Ottawa	Carling Street / Ritchie Street<UNOFFICIAL> Ottawa ON	239.8	23

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 8 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 1507998	0.0	2
	ON ***Well ID:*** 1508282	101.9	6
	ON	121.6	9

Site	Address	Distance (m)	Map Key
	Well ID: 1508281		
	ON	121.6	9
	Well ID: 1508280		
	ON	150.0	12
	Well ID: 1507995		
	ON	164.7	13
	Well ID: 1507984		
	ON	225.7	20
	Well ID: 1508548		
	ON	231.7	22
	Well ID: 1508640		



Map : 0.25 Kilometer Radius

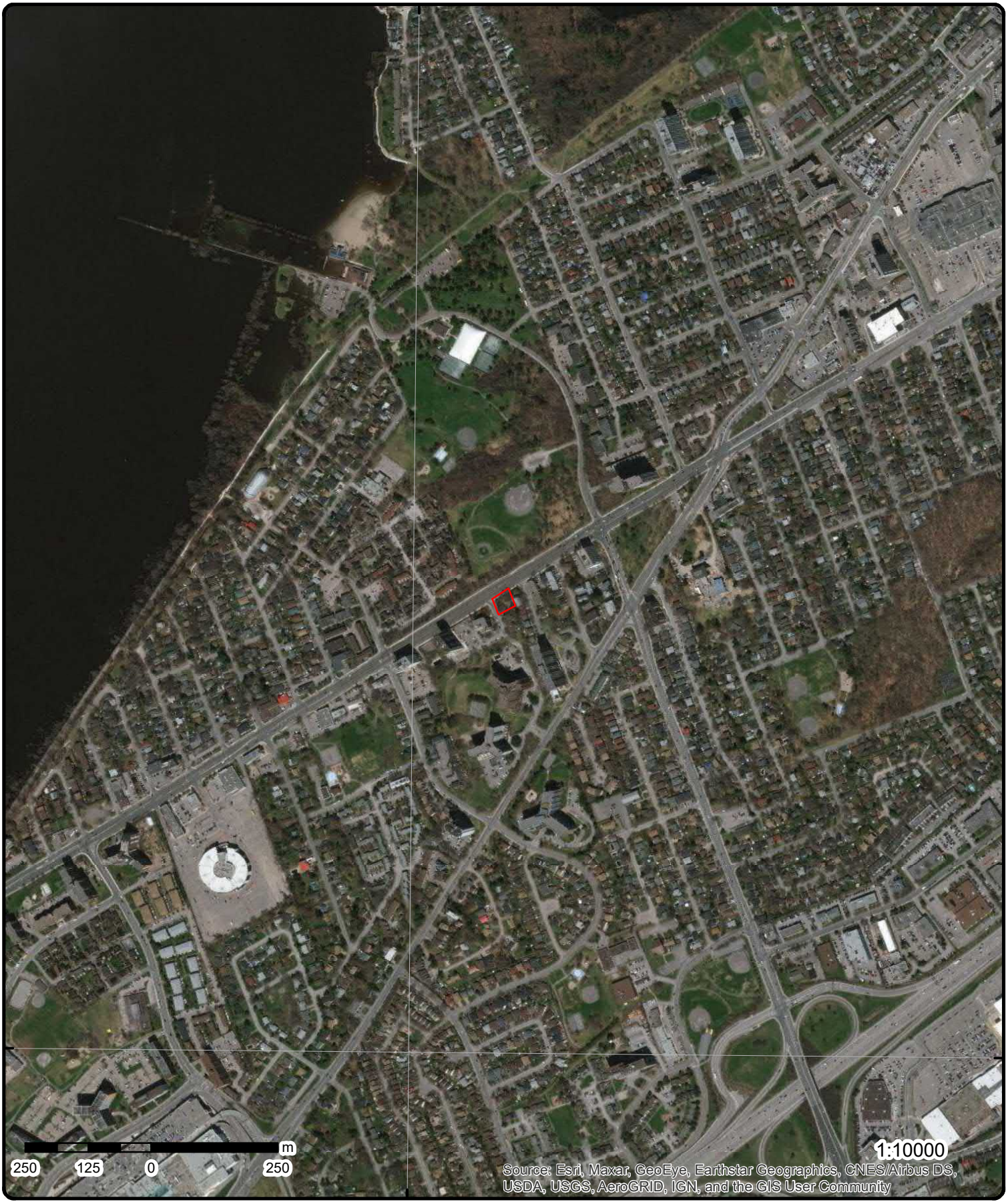
Order Number: 20290200512

Address: 2830 Carling Ave, Ottawa, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

75°48'W



45°21'N

45°21'N

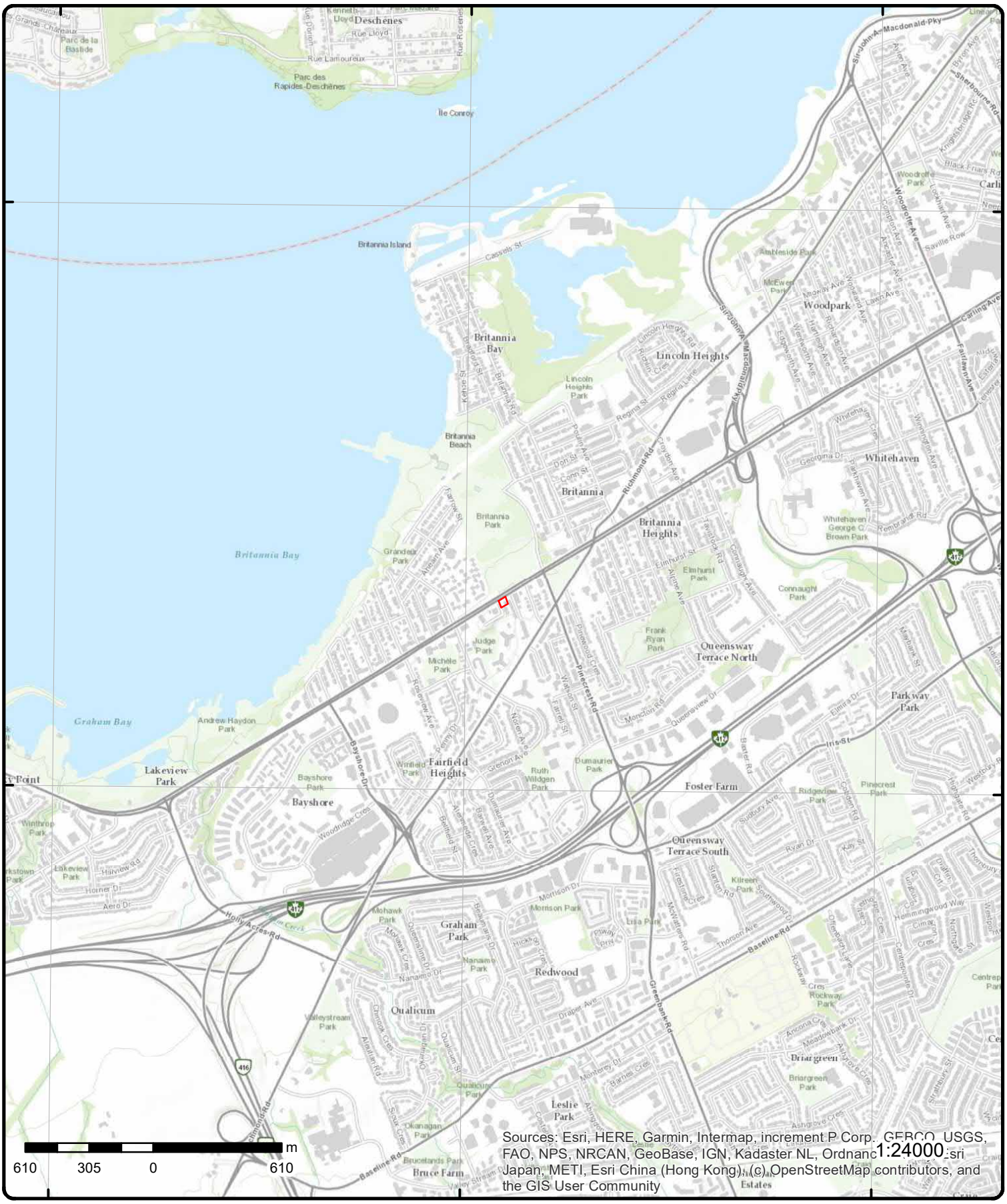
Aerial **Year: 2019**

Order Number: 20290200512

Address: 2830 Carling Ave, Ottawa, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 2830 Carling Ave, ON

Source: ESRI World Topographic Map

Order Number: 20290200512

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/0.0	80.9 / 0.29	ON	BORE

Borehole ID:	610909	**Inclin FLG:**	No
OGF ID:	215512419	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	NOV-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.357925
Total Depth m:	5	**Longitude DD:**	-75.797841
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	437511
Drill Method:		**Northing:**	5023022
Orig Ground Elev m:	77.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	80.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386904	**Mat Consistency:**	Dense
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	2.7	**Material Texture:**	Fine to Medium
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL-FINE TO MEDIUM. LIGHT,BROWN,VERY DENSE.		

Geology Stratum ID:	218386905	**Mat Consistency:**	Dense
Top Depth:	2.7	**Material Moisture:**	
Bottom Depth:	5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL,SILT. BROWN,VERY DENSE. 0000001900075078000901 00Y DENSE. SAND,GRAVEL. 00000 00 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218386903	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	

Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL,SILT. LIGHT,BROWN,COMPACT.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 034170 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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2 ***1 of 1*** ***SW/0.0*** ***80.9 / 0.29*** ***ON*** ***WWIS***

Well ID:	1507998	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	8/31/1955
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507998.pdf

Bore Hole Information

Bore Hole ID:	10030033	**Elevation:**	80.251716
DP2BR:	19	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	437510.7
Code OB Desc:	Bedrock	**North83:**	5023022
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/10/1955	**UTMRC Desc:**	unknown UTM

Remarks: ***Location Method:*** p9
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931008567
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 19
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008568
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19
Formation End Depth: 65
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008566
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961507998
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578603
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052723
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052722
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991507998
Pump Set At:
Static Level: 10
Final Level After Pumping: 20
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462320
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65

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

Water Found Depth UOM: ft

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3 | **1 of 1** | **SSE/77.0** | **79.9 / -0.71** | **2880 Carling Ave Ottawa ON K2B7Z1** | **EHS**

Order No:	20150130074	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-FEB-15	**Search Radius (km):**	.25
Date Received:	30-JAN-15	**X:**	-75.797191
Previous Site Name:		**Y:**	45.357274
Lot/Building Size:			
Additional Info Ordered:			

---

4 | **1 of 1** | **SSW/93.4** | **79.9 / -0.71** | **ON** | **BORE**

Borehole ID:	610900	**Inclin FLG:**	No
OGF ID:	215512410	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	SEP-1968	**Municipality:**	
Static Water Level:	-1.5	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.357022
Total Depth m:	-999	**Longitude DD:**	-75.798212
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	437481
Drill Method:		**Northing:**	5022922
Orig Ground Elev m:	68.6	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	80.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386877	**Mat Consistency:**	Compact
Top Depth:	3.9	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	Fine
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. GREY. COMPACT, WATER STABLE AT 229.9 FEET.BEDROCK. SILT-FINE,CLAY.GR **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218386876	**Mat Consistency:**	Compact
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.9	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL,SILT. BROWN,COMPACT.		

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

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 034080 NTS_Sheet: 31G05C		
Confiden 1:			

Source List

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

5	***1 of 2***	***E/96.4***	***80.9 / 0.29***	***FRANCIS FUELS*** ***826 HIGH ST (IN FRONT OF) TANK TRUCK (CARGO)*** ***OTTAWA CITY ON K2B 6C4***	***SPL***

Ref No:	199275	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/26/2001	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Possible	***Site Municipality:***	20107
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/26/2001	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	OTHER	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	FRANCIS FUELS:2-3L SPILL OF OIL TO ASPHALT, CON- TAINED AND CLEANED UP		
Contaminant Qty:			

5	***2 of 2***	***E/96.4***	***80.9 / 0.29***	***Marchurst Development Group Inc.*** ***826 High St*** ***Ottawa ON***	***ECA***

Approval No:	1944-AW9PFS	***MOE District:***	
Approval Date:	2018-02-26	***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
Address:	826 High St
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2355-AVSRS7-14.pdf

6 **1 of 1** **E/101.9** **80.9 / 0.29** **ON** **WWIS**

Well ID:	1508282	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/5/1959
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3701
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508282.pdf

Bore Hole Information

Bore Hole ID:	10030317	**Elevation:**	82.19667
DP2BR:	74	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	437640.7
Code OB Desc:	Bedrock	**North83:**	5023062
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/15/1959	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009250
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 30
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009252
Layer: 4
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 74
Formation End Depth: 195
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009249
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009251
Layer: 3
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 74
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508282
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10578887
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053289
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 195
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053288
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 78
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508282
Pump Set At:
Static Level: 60
Final Level After Pumping: 70
Recommended Pump Depth: 70
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933462714
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 195
Water Found Depth UOM: ft

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

Water Details

Water ID:	933462713
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175
Water Found Depth UOM:	ft

Water Details

Water ID:	933462712
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft

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7 ***1 of 2*** ***WSW/102.9*** ***80.7 / 0.09*** ***Sunset Heights Apartments<UNOFFICIAL>*** ***SPL***
2880 Carling Avenue
Ottawa ON K2B 7Z1

Ref No:	3868-6EWSA8	***Discharger Report:***	0
Site No:		***Material Group:***	Oil
Incident Dt:	8/3/2005	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Intent - Intentional or planned occurrence	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	MOTOR OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Ottawa
Nature of Impact:	Other Impact(s)	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/3/2005	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills to Watercourses
Incident Reason:	Vandalism - Illegal/deliberate (incl. sabotage)	***Source Type:***	
Site Name:	2880 Carling Avenue<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Source unk. - <1 L oil to catch basin.		
Contaminant Qty:			

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7 ***2 of 2*** ***WSW/102.9*** ***80.7 / 0.09*** ***Timbercreek Asset Management*** ***GEN***
2880 Carling Avenue
Ottawa ON

Generator No:	ON6182108	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2012	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	531390		
SIC Description:	Other Activities Related to Real Estate		

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8 ***1 of 1*** ***SW/105.7*** ***79.9 / -0.71*** ***BORE***

Borehole ID:	610903	**Inclin FLG:**	No
OGF ID:	215512413	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	AUG-1971	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.357197
Total Depth m:	9.6	**Longitude DD:**	-75.798852
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	437431
Drill Method:		**Northing:**	5022942
Orig Ground Elev m:	81.1	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386886	**Mat Consistency:**	Dense
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,SAND,SILT. VERY DENSE.		

Geology Stratum ID:	218386887	**Mat Consistency:**	Dense
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:	8.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	GRAVEL,SAND,SILT. VERY DENSE.		

Geology Stratum ID:	218386888	**Mat Consistency:**	Dense
Top Depth:	8.4	**Material Moisture:**	
Bottom Depth:	9.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND,GRAVEL,SILT. VERY DENSE.		

Geology Stratum ID:	218386889	**Mat Consistency:**	
Top Depth:	9.1	**Material Moisture:**	
Bottom Depth:	9.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	

Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: SAND,GRAVEL. 00000 007 00065 012 00150 009 00200 009 00275 013 00300 012 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218386885 **Mat Consistency:** Dense
Top Depth: 2 **Material Moisture:**
Bottom Depth: 4.6 **Material Texture:** Fine to Medium
Material Color: **Non Geo Mat Type:**
Material 1: Sand **Geologic Formation:**
Material 2: Gravel **Geologic Group:**
Material 3: Silt **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: SAND,GRAVEL-FINE TO MEDIUM,SILT. DENSE.

Geology Stratum ID: 218386884 **Mat Consistency:**
Top Depth: 0 **Material Moisture:**
Bottom Depth: 2 **Material Texture:**
Material Color: **Non Geo Mat Type:**
Material 1: **Geologic Formation:**
Material 2: Sand **Geologic Group:**
Material 3: Gravel **Geologic Period:**
Material 4: Bedrock **Depositional Gen:**
Gsc Material Description:
Stratum Description: ARTIFICIAL,SAND, GRAVEL,ROCK.

Source

Source Type: Data Survey **Source Appl:** Spatial/Tabular
Source Orig: Geological Survey of Canada **Source Iden:** 1
Source Date: 1956-1972 **Scale or Res:** Varies
Confidence: H **Horizontal:** NAD27
Observatio: **Verticalda:** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 034110 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

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

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9 **1 of 2** **ESE/121.6** **80.9 / 0.29** **ON** **WWIS**

Well ID: 1508280 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Domestic **Date Received:** 11/26/1951
Sec. Water Use: 0 **Selected Flag:** Yes
Final Well Status: Water Supply **Abandonment Rec:**
Water Type: **Contractor:** 4832
Casing Material: **Form Version:** 1
Audit No: **Owner:**
Tag: **Street Name:**
Construction Method: **County:** OTTAWA
Elevation (m): **Municipality:** OTTAWA CITY
Elevation Reliability: **Site Info:**

Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508280.pdf

Bore Hole Information

Bore Hole ID:	10030315	***Elevation:***	84.532608
DP2BR:	70	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	437630.7
Code OB Desc:	Bedrock	***North83:***	5022942
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/15/1950	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009245
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009246
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70
Formation End Depth:	152
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508280
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578885
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053285
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	152
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053284
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	72
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508280
Pump Set At:	
Static Level:	60
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933462707

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

Water Details

Water ID:	933462708
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	138
Water Found Depth UOM:	ft

Water Details

Water ID:	933462709
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150
Water Found Depth UOM:	ft

9 **2 of 2** **ESE/121.6** **80.9 / 0.29** **ON** **WWIS**

Well ID:	1508281	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/1/1956
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3718
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508281.pdf

Bore Hole Information

Bore Hole ID:	10030316	**Elevation:**	84.532608
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	437630.7
Code OB Desc:	Bedrock	**North83:**	5022942
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	2/15/1956	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931009248
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009247
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961508281
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10578886
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053287
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	100
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053286
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508281
Pump Set At:	
Static Level:	30
Final Level After Pumping:	40
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933462710
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Water Details

Water ID:	933462711
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

10	***1 of 1***	***SE/142.4***	***80.9 / 0.29***	***RICHMOND HEIGHTS APARTMENTS*** ***2841 RICHMOND ROAD*** ***OTTAWA ON***	***GEN***

Generator No:	ON5167112	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2012	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	

MHSW Facility: ***Phone No Admin:***
SIC Code: 531310
SIC Description: Real Estate Property Managers

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11 ***1 of 1*** ***ESE/147.0*** ***81.7 / 1.08*** ***ON*** ***BORE***

Borehole ID:	610907	***Inclin FLG:***	No
OGF ID:	215512417	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	1.5	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.35749
Total Depth m:	-999	***Longitude DD:***	-75.795665
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	437681
Drill Method:		***Northing:***	5022972
Orig Ground Elev m:	83.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	84.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386900	***Mat Consistency:***	Dense
Top Depth:	21.3	***Material Moisture:***	
Bottom Depth:		***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Bedrock	***Geologic Formation:***	
Material 2:	Limestone	***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 270.0 FEET.SILT. DENSE. GRAVEL,SAND,SILT. VERY DENSE. GR **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218386899	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	21.3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 034150 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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12 ***1 of 1*** ***W/150.0*** ***67.7 / -12.88*** ***ON*** ***WWIS***

Well ID:	1507995	***Data Entry Status:***	
Construction Date:		***Data Src:***	8
Primary Water Use:	Domestic	***Date Received:***	9/7/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507995.pdf

Bore Hole Information

Bore Hole ID:	10030030	***Elevation:***	66.787635
DP2BR:	15	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	437350.7
Code OB Desc:	Bedrock	***North83:***	5023022
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/7/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008556
Layer:	1
Color:	
General Color:	
Mat1:	05

Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008557
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507995
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578600
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052717
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052716
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	4

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507995
Pump Set At:	
Static Level:	30
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933462316
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

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13 ***1 of 1*** ***SE/164.7*** ***80.8 / 0.25*** ***ON*** ***WWIS***

Well ID:	1507984	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/16/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1507984.pdf

Bore Hole Information

Bore Hole ID:	10030019	***Elevation:***	85.574172
DP2BR:	25	***Elevrc:***	
Spatial Status:		***Zone:***	18

Code OB:	r	**East83:**	437650.7
Code OB Desc:	Bedrock	**North83:**	5022902
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/27/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008533
Layer:	4
Color:	
General Color:	
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008530
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008532
Layer:	3
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25
Formation End Depth:	50
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008531
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10
Formation End Depth:	25
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961507984
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10578589
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052694
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052695
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507984
Pump Set At:	

Static Level:	25
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933462302
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

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14 | ***1 of 1*** | ***ESE/170.6*** | ***81.6 / 0.98*** | ***2841 Richmond Road Ottawa ON K2B 6C5*** | ***EHS***

Order No:	20080331001	***Nearest Intersection:***	Richmond and Pinecrest (major roads)
Status:	C	***Municipality:***	
Report Type:	Complete Report	***Client Prov/State:***	ON
Report Date:	4/8/2008	***Search Radius (km):***	0.25
Date Received:	3/31/2008	***X:***	-75.795635
Previous Site Name:		***Y:***	45.357088
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

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15 | ***1 of 1*** | ***E/182.3*** | ***81.9 / 1.29*** | ***826 Pinecrest Road Ottawa ON*** | ***EHS***

Order No:	20130710007	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	18-JUL-13	***Search Radius (km):***	.25
Date Received:	10-JUL-13	***X:***	-75.795152
Previous Site Name:		***Y:***	45.358383
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

---

16 | ***1 of 1*** | ***E/183.0*** | ***81.9 / 1.29*** | ***822 Pinecrest Rd Ottawa ON K2B6A9*** | ***EHS***

Order No:	20130903046	***Nearest Intersection:***	
Status:	C	***Municipality:***	Ottawa
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	12-SEP-13	***Search Radius (km):***	.25
Date Received:	04-SEP-13	***X:***	-75.795207
Previous Site Name:		***Y:***	45.358532
Lot/Building Size:	683 m2		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	WSW/202.7	71.1 / -9.47	2880 & 2900 Carling Avenue Ottawa ON	EHS

Order No:	20070322013	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	3/30/2007	**Search Radius (km):**	0.25
Date Received:	3/22/2007	**X:**	-75.800204
Previous Site Name:		**Y:**	45.357094
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	ENE/204.7	81.6 / 1.04	ON	BORE

Borehole ID:	610918	**Inclin FLG:**	No
OGF ID:	215512428	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	4.6	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.359023
Total Depth m:	-999	**Longitude DD:**	-75.795175
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	437721
Drill Method:		**Northing:**	5023142
Orig Ground Elev m:	80.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	81.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386933	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	10.4	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218386934	**Mat Consistency:**	Hard
Top Depth:	10.4	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 250.0 FEET.Y,HARD. CLAY,SILT,SAND. HARD,STIFF, FISSURED. C **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:	H	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 034260 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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19 ***1 of 1*** ***WSW/206.7*** ***74.4 / -6.19*** ***Ottawa Transit<UNOFFICIAL>*** ***SPL***
2900 Carling Avenue
Ottawa ON

Ref No:	5120-AQQGNG	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	8/30/2017	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Unknown / N/A
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT N.O.S.	***Site Address:***	2900 Carling Avenue
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	n/a	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	5022916.58
MOE Response:	No	***Easting:***	437299.8
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/30/2017	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Equipment Failure	***Source Type:***	Other
Site Name:	Road<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa Transit: ~ 10 L coolant to road, some into CB, clnup ongng		
Contaminant Qty:	20 L		

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20 ***1 of 1*** ***NW/225.7*** ***66.9 / -13.71*** ***ON*** ***WWIS***

Well ID:	1508548	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	9/14/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3114
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	

Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508548.pdf

Bore Hole Information

Bore Hole ID:	10030582	***Elevation:***	64.524368
DP2BR:	2	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	437350.7
Code OB Desc:	Bedrock	***North83:***	5023212
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/10/1954	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009949
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009950
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2

Formation End Depth:	72
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508548
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579152
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053807
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	72
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053806
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508548
Pump Set At:	
Static Level:	14
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933463085
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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21 ***1 of 1*** ***NW/225.7*** ***66.9 / -13.71*** ***ON*** ***BORE***

Borehole ID:	610923	***Inclin FLG:***	No
OGF ID:	215512433	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JUL-1954	***Municipality:***	
Static Water Level:	-15.0	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.35962
Total Depth m:	21.9	***Longitude DD:***	-75.799908
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	437351
Drill Method:		***Northing:***	5023212
Orig Ground Elev m:	64	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	64.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386944	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Soil	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SOIL.		

Geology Stratum ID:	218386945	***Mat Consistency:***	Hard
Top Depth:	.6	***Material Moisture:***	
Bottom Depth:	21.9	***Material Texture:***	
Material Color:	Red	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 0102. STABLE AT 260.0 FEET.Y,HARD. CLAY,SILT,SAND. HARD,STIFF,FISSURED. C **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies

Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 03431 NTS_Sheet:		
Confiden 1:			

Source List

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

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22 **1 of 1** **ESE/231.7** **81.9 / 1.29** **ON** **WWIS**

Well ID:	1508640	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/14/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3566
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	OTTAWA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508640.pdf

Bore Hole Information

Bore Hole ID:	10030674	**Elevation:**	85.899543
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	437750.7
Code OB Desc:	Bedrock	**North83:**	5022922
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/30/1957	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010209
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010210
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	198
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961508640
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579244
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053979
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	198
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053978
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508640
Pump Set At:	
Static Level:	70
Final Level After Pumping:	100
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933463250
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	198
Water Found Depth UOM:	ft

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23 | ***1 of 1*** | ***WSW/239.8*** | ***69.8 / -10.77*** | ***City of Ottawa***
Carling Street / Ritchie Street<UNOFFICIAL>
Ottawa ON | ***SPL***

Ref No:	6554-6EQLU3	**Discharger Report:**	0
Site No:		**Material Group:**	Oil
Incident Dt:	7/28/2005	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Pipe Or Hose Leak	**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Surface Water Pollution	**Site Lot:**	
Receiving Medium:	Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	7/28/2005	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spills to Watercourses
Incident Reason:		**Source Type:**	
Site Name:	Carling Street / Ritchie Street<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			

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

Incident Summary: OC Transpo, <1-L diesel to sewer
Contaminant Qty:

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24 **1 of 1** **S/242.1** **79.6 / -1.02** **HOMESTEAD LAND HOLDINGS LTD** **GEN**
2881 RICHMOND RD
OTTAWA ON K2B7Z4

Generator No:	ON4492950	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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25 **1 of 1** **ENE/244.6** **81.9 / 1.29** **ON** **BORE**

Borehole ID:	610916	**Inclin FLG:**	No
OGF ID:	215512426	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	OCT-1965	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.358848
Total Depth m:	7.7	**Longitude DD:**	-75.794535
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	437771
Drill Method:		**Northing:**	5023122
Orig Ground Elev m:	91.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	82.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218386925	**Mat Consistency:**	Hard
Top Depth:	1.5	**Material Moisture:**	
Bottom Depth:	2.3	**Material Texture:**	
Material Color:	Red	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. HARD,STIFF,FISSURED.		

Geology Stratum ID:	218386928	**Mat Consistency:**	
Top Depth:	4.6	**Material Moisture:**	
Bottom Depth:	4.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	

Material 2:	Till	**Geologic Group:**	
Material 3:	Silt	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,TILL, SILT.		

Geology Stratum ID:	218386929	**Mat Consistency:**	
Top Depth:	4.7	**Material Moisture:**	
Bottom Depth:	6.2	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK.		

Geology Stratum ID:	218386924	**Mat Consistency:**	Hard
Top Depth:	.8	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. BROWN,GREY,HARD.		

Geology Stratum ID:	218386927	**Mat Consistency:**	Dense
Top Depth:	3.8	**Material Moisture:**	
Bottom Depth:	4.6	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Unknown	**Geologic Formation:**	
Material 2:	Till	**Geologic Group:**	
Material 3:	Clay	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	UNSPECIFIED,TILL, CLAY. DENSE.		

Geology Stratum ID:	218386923	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:		**Geologic Formation:**	
Material 2:	Coal fragments	**Geologic Group:**	
Material 3:	Granuls	**Geologic Period:**	
Material 4:	Wood Fragments	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	ARTIFICIAL,COAL, CINDERS,WOOD.		

Geology Stratum ID:	218386930	**Mat Consistency:**	
Top Depth:	6.2	**Material Moisture:**	
Bottom Depth:	7.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. 0000000700025012000750040012500600150028 0000000500065036001501230020016200275087 00 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218386926	**Mat Consistency:**	Soft
Top Depth:	2.3	**Material Moisture:**	
Bottom Depth:	3.8	**Material Texture:**	

Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	

Gsc Material Description:
Stratum Description: CLAY,SILT. BROWN,GREY,VERY SOFT.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 034240 NTS_Sheet: 31G05C
Confiden 1: Logged by professional. Exact and complete description of material and properties.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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26 | ***1 of 1*** | ***E/249.6*** | ***81.9 / 1.29*** | ***838 PINEWOOD CRESCENT OTTAWA ON K2B 8B7*** | ***EHS***

Order No:	20070322026	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	4/2/2007	**Search Radius (km):**	0.25
Date Received:	3/22/2007	**X:**	-75.793962
Previous Site Name:		**Y:**	45.357977
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps And /or Site Plans

Unplottable Summary

Total: 35 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
CA	NORTHERN TELECOM LTD., CARLING CAMPUS	CARLING AVENUE (SWM)	NEPEAN ON	
CA	R.M. OF OTTAWA-CARLETON	LOTS 20-23, CONCESSION 1	OTTAWA CITY ON	
CA	NON-PROFIT HOUSING CORPORATION	RICHMOND RD.NON-PROFIT HOUSING	OTTAWA CITY ON	
CA	MINISTRY OF THE ENVIR.-GREENBANK RD.	REG. RD. #13/JOCK RIVER/MUD CK	NEPEAN CITY ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	
CA	WESMAR HOMES LTD.	CARLING AVE.	NEPEAN CITY ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
CA	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
CA	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
CA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	Village Square Mall	Regional Road No. 13	Ottawa ON	
CA		Richmond Road	Ottawa ON	
CA	OTTAWA CITY	RICHMOND ROAD	OTTAWA CITY ON	

CA	L.SIPOLINS	HIGH ST.	OTTAWA CITY ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	From Richmond Road to Harwood Ave	Ottawa ON	
CA	City of Ottawa	Richmond Road	Ottawa ON	
CA	City of Ottawa	Carling Ave	Ottawa ON	
CA	COMPUTING DEVICES COMPANY	RICHMOND RD.	NEPEAN CITY ON	
CA	R.M. OF OTTAWA-CARLETON	PINECREST RD., WEST TRANSITWAY	NEPEAN CITY ON	
CA	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
CA	Appleton Subdivision	Part of Lot 21, Concession 2	Ottawa ON	
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	K1R 7Y2
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
GEN	GVT OF CAN-HEALTH&WELFARE CAN.MED. 16-303	SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST.	OTTAWA ON	K1A 0L3
PRT	SUPERIOR PROPANE INC	PRT LOT 20 CON 2	NEPEAN TWP ON	
SPL	City of Ottawa	CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL>	Ottawa ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	
SPL	TEXACO	RICHMOND RD. SERVICE STATION	OTTAWA CITY ON	
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	

Unplottable Report

Site: ***L.SIPOLINS***
SOUTH OF CARLING AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-1008-85-006
Application Year:	85
Issue Date:	11/15/85
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***NORTHERN TELECOM LTD., CARLING CAMPUS***
CARLING AVENUE (SWM) NEPEAN ON

Database: ***CA***

Certificate #:	3-1624-98-
Application Year:	98
Issue Date:	11/17/1998
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***
LOTS 20-23, CONCESSION 1 OTTAWA CITY ON

Database: ***CA***

Certificate #:	3-1503-94-
Application Year:	94
Issue Date:	12/23/1994
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***NON-PROFIT HOUSING CORPORATION***
RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON

Database: ***CA***

Certificate #:	7-0925-87-

Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MINISTRY OF THE ENVIR.-GREENBANK RD.***
REG. RD. #13/JOCK RIVER/MUD CK NEPEAN CITY ON

Database: ***CA***

Certificate #: 7-0930-92-
Application Year: 92
Issue Date: 11/25/1992
Approval Type: Municipal water
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***OTTAWA CITY***
RICHMOND ROAD OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1088-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***WESMAR HOMES LTD.***
CARLING AVE. NEPEAN CITY ON

Database: ***CA***

Certificate #: 3-1205-88-
Application Year: 88
Issue Date: 7/18/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***COMPUTING DEVICES COMPANY***
RICHMOND RD. NEPEAN CITY ON

Database: ***CA***

Certificate #: 3-1688-87-
Application Year: 87
Issue Date: 9/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

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

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 6111-5L8MWE
Application Year: 2003
Issue Date: 4/3/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

Certificate #: 5155-667MFQ
Application Year: 2004
Issue Date: 11/1/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***City of Ottawa***
Carling Avenue (Road allownce) Ottawa ON

Database: ***CA***

Certificate #: 3615-6QHRAR
Application Year: 2006
Issue Date: 6/13/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON

Database: ***CA***

Certificate #: 1915-5L8Q54
Application Year: 2003
Issue Date: 5/7/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 1424-6CXJGA
Application Year: 2005
Issue Date: 6/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Village Square Mall***
Regional Road No. 13 Ottawa ON

Database: ***CA***

Certificate #: 7752-4VBMMJ
Application Year: 01

Issue Date: 4/2/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: The Village Square Mall (Barrhaven) Inc.
Client Address: 17 Fitzgerald Road
Client City: Nepean
Client Postal Code: K2H 9G1
Project Description: Storm and sanitary sewers to be constructed on Greenbank Road
Contaminants:
Emission Control:

Site: ***Database:*** ***CA***
Richmond Road Ottawa ON

Certificate #: 7965-5ERRRZ
Application Year: 02
Issue Date: 10/11/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: This application is for the construction of storm and sanitary sewers and appurtenances on Richmond Road
Contaminants:
Emission Control:

Site: ***OTTAWA CITY*** ***Database:*** ***CA***
RICHMOND ROAD OTTAWA CITY ON

Certificate #: 3-0159-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***L.SIPOLINS*** ***Database:*** ***CA***
HIGH ST. OTTAWA CITY ON

Certificate #: 3-1328-85-006
Application Year: 85
Issue Date: 11/6/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 6859-5X8K46
Application Year: 2004
Issue Date: 3/23/2004
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: ***City of Ottawa***
From Richmond Road to Harwood Ave Ottawa ON

Database: ***CA***

Certificate #: 7452-83ULTR
Application Year: 2010
Issue Date: 3/26/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Richmond Road Ottawa ON

Database: ***CA***

Certificate #: 7893-5NLQJH
Application Year: 2003
Issue Date: 6/18/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Carling Ave Ottawa ON

Database: ***CA***

Certificate #: 2472-8GRQTN
Application Year: 2011
Issue Date: 5/20/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***COMPUTING DEVICES COMPANY***
RICHMOND RD. NEPEAN CITY ON

Database: ***CA***

Certificate #: 7-1397-87-
Application Year: 87
Issue Date: 9/17/1987
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***
PINECREST RD., WEST TRANSITWAY NEPEAN CITY ON

Database: ***CA***

Certificate #: 3-0011-99-
Application Year: 99
Issue Date: 2/22/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Appleton Subdivision***
Part of Lot 21, Concession 2 Ottawa ON

Database: ***CA***

Certificate #: 9776-55UJ3V
Application Year: 02
Issue Date: 1/2/02
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Richcraft Homes Ltd.
Client Address: 201-2280 St. Laurent Blvd.
Client City: Ottawa
Client Postal Code: K1G 4K1
Project Description: Construction of a Watermain
Contaminants:
Emission Control:

Site: ***Appleton Subdivision***
Part of Lot 21, Concession 2 Ottawa ON

Database: ***CA***

Certificate #: 7361-55UJ9V
Application Year: 02
Issue Date: 1/2/02

Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Richcraft Homes Ltd.
Client Address: 201-2280 St. Laurent Blvd.
Client City: Ottawa
Client Postal Code: K1G 4K1
Project Description: Construction of Storm and Sanitary Sewers
Contaminants:
Emission Control:

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

Database: ***ECA***

Approval No: 2472-8GRQTN
Approval Date: 2011-05-20
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Carling Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5823-8GCKK6-14.pdf

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Site: ***Minto Developments Inc.***
Lot 19, Concession 1 Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 7864-5L2TU4
Approval Date: 2003-04-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address: Lot 19, Concession 1
Full Address:
Full PDF Link:

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

Database: ***ECA***

Approval No: 3723-9ATJC6
Approval Date: 2013-08-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Carling Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9325-9AMR2C-14.pdf

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Site: ***GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303***
SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST. OTTAWA ON K1A 0L3

Database: ***GEN***

Generator No: ON0095617
Status:
Approval Years: 92,93,94,95,96,97
PO Box No:
Country:
Choice of Contact:

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 8635
SIC Description: PUB. HEALTH CLINICS

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: ***SUPERIOR PROPANE INC***
PRT LOT 20 CON 2 NEPEAN TWP ON

Database: ***PRT***

Location ID: 9655
Type: retail
Expiry Date: 1992-02-28
Capacity (L): 2000
Licence #: 0032772001

Site: ***City of Ottawa***
CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL> Ottawa ON

Database: ***SPL***

Ref No:	7707-5XRK48	***Discharger Report:***	
Site No:		***Material Group:***	Chemical
Incident Dt:	4/5/2004	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Pipe Or Hose Leak	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	COOLANT (N.O.S.)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	Eastern
Environment Impact:	Possible	***Site Municipality:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/5/2004	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Spills
Incident Reason:	Equipment Failure	***Source Type:***	

Site Name: CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo,7 L antifreeze into storm sewer,works
Contaminant Qty: 7 L

Site: ***HOTEL/MOTEL***
CARLING AVENUE (N.O.S.) OTTAWA CITY ON

Database: ***SPL***

Ref No:	84065	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/14/1993	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNDERGROUND TANK LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20101
Nature of Impact:	Soil contamination	***Site Lot:***	

Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MCCR
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/14/1993	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND TANK		
Contaminant Qty:			

Site: ***TEXACO***
RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Database: ***SPL***

Ref No:	14431	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/2/1989	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CAUSE (N.O.S.)	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	20101
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2/2/1989	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

Site: ***OTTAWA TRANSIT***
CARLING AVENUE BUS OTTAWA ON

Database: ***SPL***

Ref No:	187680	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/29/2000	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	PUBLIC WORKS, FIRE DEPARTMENT
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/29/2000	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			

Site County/District:
Site Geo Ref Meth:
Incident Summary: OC TRANSPO:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS NOTIFIED
Contaminant Qty:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2019

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-Oct 2018

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-Jan 31, 2020

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.
Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

Chemical Register: 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

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 - Jun 2020

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-Dec 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jul 31, 2020

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

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-Jul 31, 2020

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-Jul 31, 2020

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-Jul 31, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jul 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

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, 2019

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.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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-Apr 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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-Apr 30, 2020

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 2017

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 in 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: Jul 31, 2020

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: Feb 28, 2019

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-Jan 2020

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, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2020

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-May 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

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 all 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-Jul 31, 2020

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-Jul 31, 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 in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.
The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Feb 28, 2017

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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Jul 31, 2020

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: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jul 2020

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-Jan 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

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-Aug 2018

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: Jul 31, 2020

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-JuL 31, 2020

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: Apr 30, 2020

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 – CORRESPONDANCE

File Number: D06-03-20-0160

October 2, 2020

Monica Black
McIntosh Perry Consulting Engineers Ltd.
115 Walgreen Road
Carp, ON K0A 1L0

Sent via email [m.black@mcintoshperry.com]

Dear Ms. Black,

Re: Information Request
2830 Carling Avenue, 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:

- No information was returned on the Subject Property from Departmental circulation.

Search of Historical Land Use Inventory

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

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are 5 activities associated with 12 properties located within 250m of the Subject Property.

Please note that certain activities have been identified to have a PIN Certainty of "2". This identifier acknowledges that there is some uncertainty about the exact location of the land

City of Ottawa
Planning, Infrastructure and Economic Development Department

110 Laurier Avenue West, 4th Floor
Ottawa, ON K1P 1J1
Tel: (613) 580-2424 ext. 21690
Fax: (613) 560-6006
www.ottawa.ca

Ville d'Ottawa
Services de la planification, de l'infrastructure et du développement économique

110, avenue Laurier Ouest, 4e étage
Ottawa (Ontario) K1P 1J1
Tél.: (613) 580-2424 ext. 21690
Téléc: (613) 560-6006
www.ottawa.ca

use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database's location of the Activity Numbers with a PIN Certainty of "2".

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

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

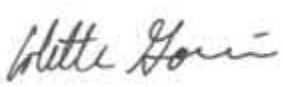
Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any

purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.

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

If you have any further questions or comments, please contact Colette Gorni at 613-580-2424 ext. 21239 or HLUI@ottawa.ca

Sincerely,



Colette Gorni

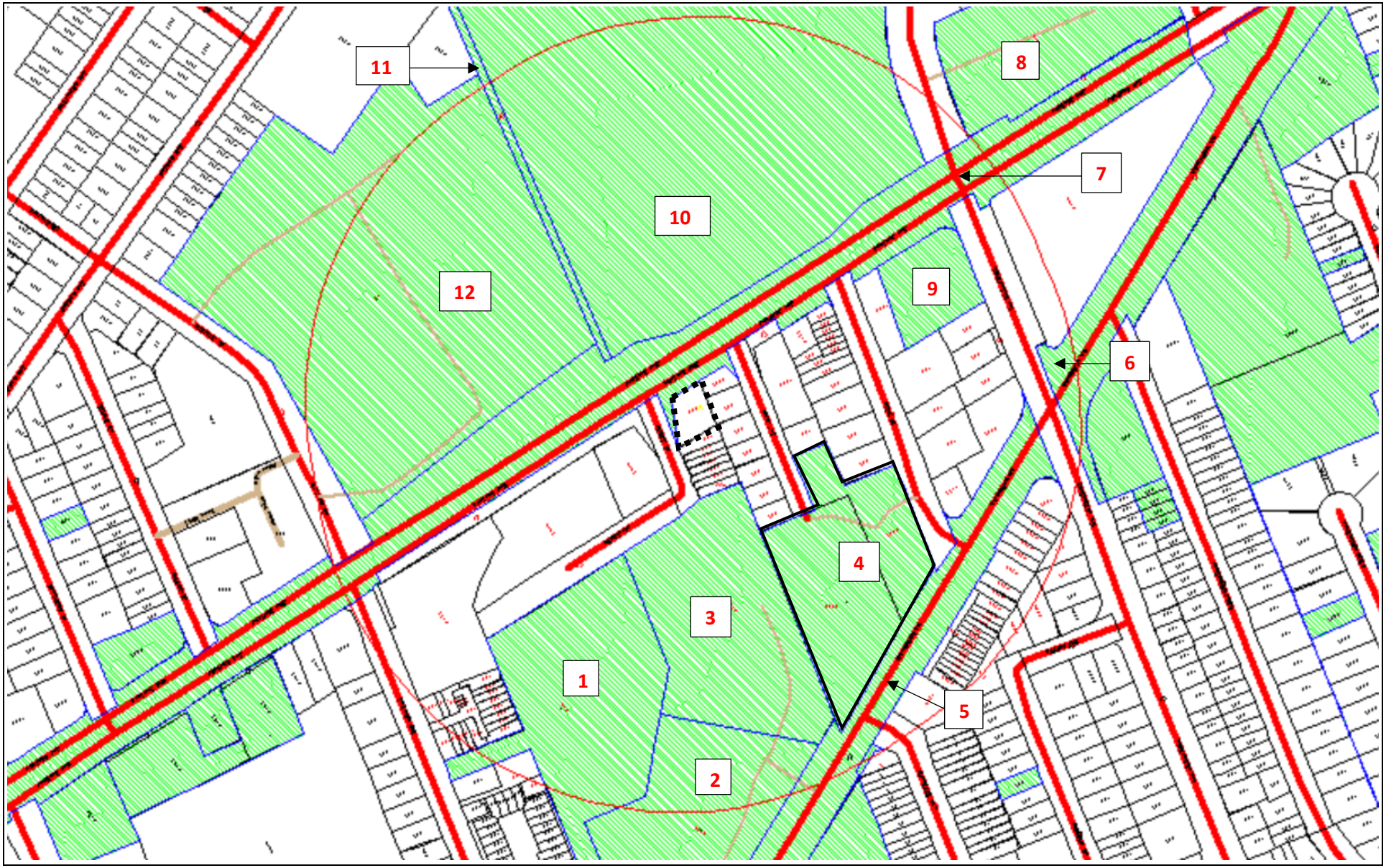
Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / CG

Enclosures.

cc: File no. D06-03-20-0160



Address: 2830 Carling Avenue
Ottawa, ON

File No.: D06-03-20-0160

Prepared By: Colette Gorni

Legend:
00 Area Number
Subject Site
250 m Buffer

Scale: 1 : N/A

Area	Associated HLUI Activities	Associated HLUI Activities with a PIN Certainty of "2" *
Subject Property		
1	14509	
2	14509	
3	14509	
4	8225	
5	14509	
6		1927
7	14509	
8		13773
9	13090	
10	14509	
11	14509	
12	14509	

*This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All database entries with a PIN Certainty of "2" require independent verification as to their precise location.

Historical Land Use Inventory

Activity Numbers –

Adjacent Properties

Historical Land Use Inventory

Area #1 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679G9U

AREA (Square Metres): 17919.460

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:24:10

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430037	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430037	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430037	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #2 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679G7N

AREA (Square Metres): 14642.942

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:24:31

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430038	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430038	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430038	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #3 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670IM3

AREA (Square Metres): 15261.970

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:24:58

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	152680000	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	152680000	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	152680000	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #4 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679B6Z

AREA (Square Metres): 12261.397

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:26:23

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039430016	Y	N

Activity ID: 8225 **Multiple PINS:** N

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

Related PINS: 039430016

Name: MANTON YACHT SVC

Address: 2841 RICHMOND ROAD,

Facility Type: Service Industries Incidental to Water Transport

Comments 1: #303

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2005 Select Phone

NAICS	SIC
532410	0
488390	0
488332	0

Company Name	Year of Operation
MANTON YACHT SVC	c. 2005

Historical Land Use Inventory

Area #5 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670INR

AREA (Square Metres): 16775.796

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:27:37

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430049	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430049	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039430049	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #6 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670IML

AREA (Square Metres): 13883.751

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	039590482	Y	N

Activity ID: 1927 **Multiple PINS:** Y

PIN Certainty: 2 **Previous Activity ID(s) :** 5624

Related PINS: 039590090

Name: BROWN'S SHELL SERVICE STATION

Address: RICHMOND ROAD, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: M.1960, M.1970, M.1980

HL References 2:

HL References 3:

NAICS	SIC
447190	633
447110	633
811199	633

Company Name	Year of Operation
Brown's Shell Service Station	c. 1960

Historical Land Use Inventory

Area #7 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670IRU

AREA (Square Metres): 47978.078

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:30:28

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820318	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820318	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820318	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #8 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679G46

AREA (Square Metres): 12038.480

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	150680000	Y	N

Activity ID: 13773 **Multiple PINS:** N

PIN Certainty: 2 **Previous Activity ID(s) :** 5709

Related PINS: 150680000

Name: UNNAMED GASOLINE SERVICE STATION

Address: 2750 CARLING AVENUE, OTTAWA

Facility Type: Gasoline Service Stations

Comments 1:

Comments 2:

Generator Number:

Storage Tanks: Three USTs

HL References 1: M.1957; FIP1957-403-2283,vol4

HL References 2:

HL References 3:

NAICS	SIC
447110	633
447190	633
811199	633

Company Name	Year of Operation
Unnamed Gasoline Service Station	c. 1957

Historical Land Use Inventory

Area #9 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679BYC

AREA (Square Metres): 3633.747

Study Year	PIN	Multi-NAIC	Multiple Activities
2005	039430001	N	N

Activity ID: 13090 **Multiple PINS:** N

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

Related PINS: 039430001

Name: SPIESS PRODUCTION

Address: 810 PINECREST ROAD, OTTAWA

Facility Type: Motion Picture Laboratories and Video Production Facilities

Comments 1:

Comments 2:

Generator Number:

Storage Tanks:

HL References 1:

HL References 2:

HL References 3: 2001 Employment Survey

NAICS	SIC
512110	0

Company Name	Year of Operation
SPIESS PRODUCTION	c. 2001

Historical Land Use Inventory

Area #10 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670HNA

AREA (Square Metres): 176462.073

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:33:15

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820319	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820319	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820319	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #11 Activity Numbers

CITY OF OTTAWA

HLUI ID: __679GYI

AREA (Square Metres): 2241.185

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:33:33

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820436	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820436	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820436	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

Historical Land Use Inventory

Area #12 Activity Numbers

CITY OF OTTAWA

HLUI ID: __670HIO

AREA (Square Metres): 50614.048

Report: RPTC_OT_DEV0122

Run On: 22 Sep 2020 at: 18:34:03

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820317	N	N

Activity ID: 14509

Multiple PINS: N

PIN Certainty: 1

Previous Activity ID(s) : 5801, 5751, 5753, 5754, 5762, 5767, 5769, 5770, 5772, 5774, 5837, 5838 ,5840, 5846, 5849, 5852, 5853, 5854, 5855, 5856, 5861, 5869, 5870, 5871, 5872, 5874, 5875, 5884, 5886, 5887, 5889, 5890, 5891, 5896, 5898, 5899, 5893, 5901, 5903, 5907, 5908, 5909, 59

Related PINS: 045660173

Name: UNNAMED SAND/GRAVEL PIT

Address: , WEST CARLETON

Facility Type: Sand and Gravel Pits

Comments 1: UTM = 419300E, 5034300N. Area is 150m x 100m.

Comments 2:

Generator Number:

Storage Tanks:

HL References 1: 1922-DMD-TM-Ottawa-Sheet#14, 1948-DND-ASE-NTS-31G/5, 1967-EMR-SMB-NTS-31G/5-7th ed., 1985-EMR-SMB-NTS-31G/5-11th ed.; 1951-DND-ASE-NTS-31G/4E-4th ed., 1966-EMR-SMB-NTS-31G/4-5th ed., 1975-EMR-SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS-31G/4-7th ed.

HL References 2: 1951-DND-ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NTS-31F/8-5th ed., 1976-EMR-SMB-NTS-31F/8-7th ed., 1989-EMR-CCM-NTS-31F/8-8th ed.

HL References 3: 1991-WDSI/WMB/MOE

NAICS	SIC
221330	499
562990	499
221320	499
562920	499
212323	82
562210	499

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820317	N	N

Company Name	Year of Operation
Unnamed Sand/Gravel Pit	c. 1975
Unamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1948
Unnamed Sand/Gravel Pit	c. 1964-1976
Unnamed Sand/Gravel Pit	c. 1922-1948
Unamed Sand/Gravel Pit	c. 12966-1979
Unamed Sand/Gravel Pit	c. 1975
Unnamed Sand/Gravel Pit	c. 1976-1989
Unnamed sand/Gravel Pit	c. 1989
Unnamed Sand/Gravel Pit	c. 1975-1979
Unnamed Sand/Gravel Pit	c. 1985
Unamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1976
Unnamed Sand/Gravel Pit	c. 1951
Unnamed Sand/Gravel Pit	c. 1966
Unnamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1951-1976
Unamed Sand/Gravel Pit	c. 1979
Unnamed Sand/Gravel Pit	c. 1971-1979
UNNAMED SAND/GRAVEL PIT	c. 1994
Unnamed Sand/Gravel Pit	c. 1967
Unnamed Sand/Gravel Pit	c. 1948-1967
Unamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1951-1979
Unnamed Sand/Gravel Pit	c. 1953-1971
Unnamed Sand/Gravel Pit	c. 1967-1985
Unamed Sand/Gravel Pit	c. 1951
Unamed Sand/Gravel Pit	c. 1966-1979
Unnamed Sand/Gravel Pit	c. 1966-1975
Unamed Sand/Gravel Pit	c. 1966-1975
Unnamed Sand/Gravel Pit	c. 1989
Waste Disposal Site	c. 1971

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820317	N	N

Unnamed Sand/Gravel Pit

c. 1964-1989

From: Public Information Services <publicinformationservices@tssa.org>
Sent: September 3, 2020 3:18 PM
To: Monica Black
Subject: RE: Environmental Information for 2830 Carling Avenue Ottawa

Good afternoon,
Thank you for your request for confirmation of public information.
We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.
For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.
Thanks,

Sherees Thompson | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org

From: Monica Black <M.Black@McIntoshPerry.com>
Sent: September 3, 2020 2:05 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Environmental Information for 2830 Carling Avenue Ottawa

Hello,

McIntosh Perry is conducting a Phase ONE ESA at the below property:

2830 Carling Avenue, Ottawa, ON

We are requesting any environmental information you may have regarding this Site.

Thank you,

Monica

Monica Black, B. Sc.
Environmental Technican
T. 343.925.0179 | **C.** 613.227.6953
M.Black@McIntoshPerry.com | www.mcintoshperry.com
McINTOSH PERRY

From: Public Information Services <publicinformationservices@tssa.org>
Sent: September 22, 2020 10:10 AM
To: Monica Black
Subject: RE: Environmental Information for 810 Vick Avenue Ottawa

Hello. Thank you for your request for confirmation of public information.
We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.
For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.
Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

Kind regards,
Roxana

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Monica Black <M.Black@McIntoshPerry.com>
Sent: September 21, 2020 11:56 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Environmental Information for 810 Vick Avenue Ottawa

Hello,

McIntosh Perry is conducting a Phase ONE ESA at the below property:

810 Vick Avenue, Ottawa, ON

We are requesting any environmental information you may have regarding this Site.

Thank you,

Monica

Monica Black, B. Sc.
Environmental Technican
T. 343.925.0179 | **C.** 613.227.6953
M.Black@McIntoshPerry.com | www.mcintoshperry.com
McINTOSH PERRY

From: Jordan Bowman
Sent: September 23, 2020 9:17 AM
To: Robert Laszkiewicz
Cc: Monica Black
Subject: RE: ERIS - Insurance Products Follow-up (20290200512)

Hi Robert,

None of these products really cover the Site. We will pass.

Thanks

Jordan Bowman, B.Sc., P.Biol.
Practice Area Lead, Groundwater
T. 613.714.4602 | **F.** 613.836.3742 | **C.** 613.229.9528
McINTOSH PERRY

From: Robert Laszkiewicz <RLaszkiewicz@erisinfo.com>
Sent: September 23, 2020 9:15 AM
To: Jordan Bowman <j.bowman@mcintoshperry.com>
Cc: Monica Black <M.Black@McIntoshPerry.com>; Jordan Bowman <j.bowman@mcintoshperry.com>
Subject: ERIS - Insurance Products Follow-up (20290200512)

Hi Jordan,

Order Number: 20290200512

An Insurance Products quote was sent out to you regarding the above order. Please confirm if you require the information. If we do not hear back from you, the order will be closed and you will be billed a $50 research fee.

Please click on the link below and you will be directed to our partner website to select the products you would like to order.

https://www1.optaintel.ca/firemaps/results.aspx?key=D01872599E8779A737E8D279B33277E6

Once the products have been selected and are ready for delivery you will receive an email from ERIS to download your order from your ERIS account.

Regards,

Robert Laszkiewicz
Lead Report Analyst | Environmental Risk Information Services
T 416.510.5204 Ext 43585 TF 1.866.517.5204 W www.erisinfo.com Tw @ERISInformation
ERIS

PHASE I ENVIRONMENTAL SITE ASSESSMENT
2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

APPENDIX D – AERIAL PHOTOGRAPHS

McINTOSH PERRY

1958

September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

1965

September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

1976

September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

1991

September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

2002

September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

2008

September 22, 2020

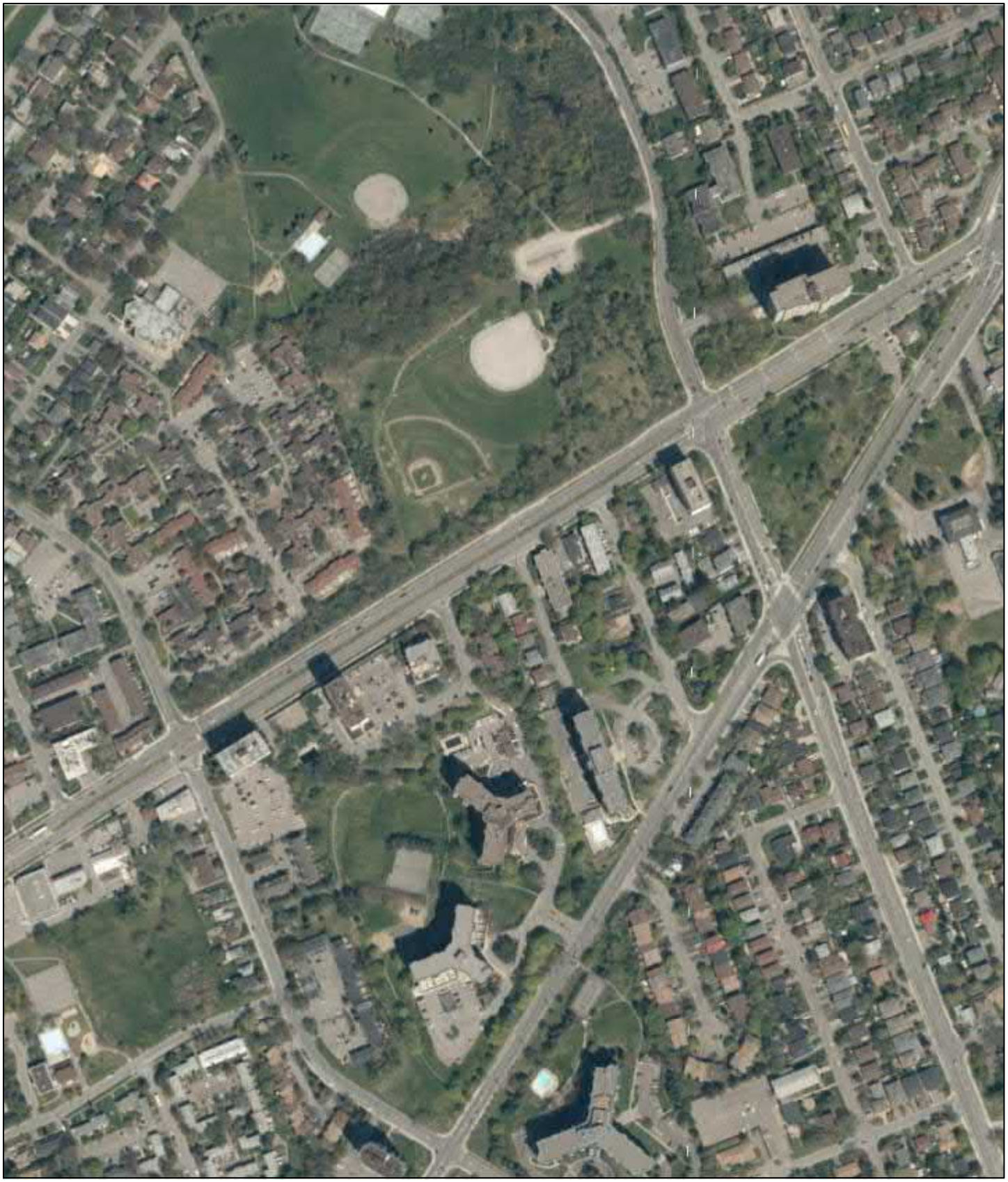
1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

2017



September 22, 2020

1:6,027

0 0.05 0.1 0.2 mi

0 0.075 0.15 0.3 km

City of Ottawa

PHASE I ENVIRONMENTAL SITE ASSESSMENT
2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

APPENDX E – INTERVIEW RECORDS

McINTOSH PERRY

Phase I ESA Interviews

Interviewer (MPCE)_____ MPCE Project No._____

Interviewee Randy Ross

Relationship to Subject Property Owner Time Associated with Property: ~~1938 - 1963~~ 1963 - Present

Date 18-09-2020 Date Property was developed: Pre 1938

Potential Item of Concern	Interview Comments: oil
Accidents/Spills	Possible leak of oil tank
Previous Use of Site	been Res for some time
Adjacent Properties	Sold Mid 80's Residential since 1985, Sand pit @ Rostown 1975.
Fuel Handling/Storage	oil heating tank previous.
Maintenance/ Operational Areas	Basement
Hazardous Materials Storage	NO
Salt Storage	bag or two

83 yrs

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	- Pretty Sure Removed. - Converted to gas 1999 - Prior to fuel oil was Coal.
Odours	water damage.
Potable Water	Use to be well Converted to City in early 1950's.
Septic and Wastewater Discharges	City would have been Septic tank prior. -No knowledge.
Pesticides	No knowledge
Mould	yes water damage
Heating and Cooling Systems	gas furnace - A/C Not in operation.
Major Mechanical Equipment	NO
Waste Oils, Solvents, Batteries	No
PCBs	NO
Asbestos	Not aware
Lead Paint	Not aware

Potential Item of Concern	Interview Comments
Ozon Depleting Substances (ODS)	✓
Electromagnetic Radiation	✓
Urea-formaldehyde foam insulation (UFFI)	Not aware
Mercury	Not aware
Radon Gas	Not aware
Soil and Groundwater Conditions	✓
Wells	One well prior.
Waste Disposal and Recycling	Curb side garbage
Fill Material	No
Floor Drains/OWS (discharge locations)	Sewer System.
Other	No.

Future use of property: Ask Tank

810 Vick Avenue

Phase I ESA Interviews

Interviewer (MPCE) Monica MPCE Project No. CCO-21-1191

Interviewee Elizabeth McCulloch

Relationship to Subject Property Owner Time Associated with Property: 50 years

Date 30-09-2020 Date Property was developed: built 50 yrs ago

Potential Item of Concern	Interview Comments
Accidents/Spills	No
Previous Use of Site	Residence
Adjacent Properties	Residential
Fuel Handling/Storage	No
Maintenance/ Operational Areas	basement
Hazardous Materials Storage	No
Salt Storage	few bags of salt

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	No
Odours	No
Potable Water	City water
Septic and Wastewater Discharges	city sewage
Pesticides	No
Mould	No
Heating and Cooling Systems	Air conditioner - current for 7 years
Major Mechanical Equipment	No
Waste Oils, Solvents, Batteries	No
PCBs	No
Asbestos	No
Lead Paint	No

Potential Item of Concern	Interview Comments
Ozon Depleting Substances (ODS)	Air conditioner
Electromagnetic Radiation	No
Urea-formaldehyde foam insulation (UFFI)	No - pink insulation
Mercury	No
Radon Gas	No
Soil and Groundwater Conditions	No past investigations
Wells	No
Waste Disposal and Recycling	curb pick up w/ city
Fill Material	No
Floor Drains/OWS (discharge locations)	No
Other	

Future use of property: confirm w/ Jonah

PHASE I ENVIRONMENTAL SITE ASSESSMENT 2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

APPENDIX F – SITE PHOTOGRAPHS

McINTOSH PERRY

Picture 1: Water tank in basement of 2830 Carling.

Photo 2: Furnace in basement of 2830 Carling.

Photo 3: Basement of 2830 Carling.

Photo 4: Basement of 2830 Carling.

Photo 5: Pipe in the basement of 2830 Carling.

Photo 6: Drain in the basement of 2830 Carling Ave

Photo 7: Damaged ceiling with mould above on the main floor of 2830 Carling.

Photo 8: Front exterior of 2830 Carling.

Photo 9: Air conditioning unit at the front exterior of 2830 Carling.

Photo 10: Hand pump well at front exterior of 2830 Carling.

Photo 11: Rear exterior of 2830 Carling.

Photo 12: front exterior landscape of 2830 Carling.

Picture 13: Exterior front of Site, facing Vick Avenue.

Photo 14: Basement view of 810 Vick.

Photo 15: Basement drain in 810 Vick.

Photo 16: Furnace in basement of 810 Vick.

Photo 17: Basement of 810 Vick.

Photo 18: Basement of 810 Vick.

Photo 19: Basement of 810 Vick.

Photo 20: Garage at 810 Vick.

Photo 21: Air conditioning unit at the front exterior of 810 Vick.

Photo 22: Back exterior of 810 Vick.

Photo 23: Back exterior of 810 Vick.