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



Project No.: CCO-21-1191

Prepared for:

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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.

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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 <u>j.bonn@holzmanconsultants.com</u>.

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				
2011	2880 Carling: Multi-Tenant Residential Timbercreek asset management Pure dance Ottawa	Residential/Commercial		
	2764 Richmond Road: Creatrix Design Studios			

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

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- 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	826 High Street,	ECA – Municipal and	2018			
	Development Group Inc.	Ottawa, Ontario	Private Sewage Works				

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	2880 Carling Avenue,	Other activities related	2012			
Management	Ottawa ON	to real estate				
Richmond Heights	2841 Richmond Road,	Not Defined	2012			
Apartments	Ottawa ON	Not Defined	2012			
Homestead Land Holdings	2881 Richmond Road,	Aliphatic solvents and	2018			
Ltd	Ottawa ON	residues				

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

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/ Cloud Y	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/Sh ale	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.

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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				

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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,

Coyle

Moria Block

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>.

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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).

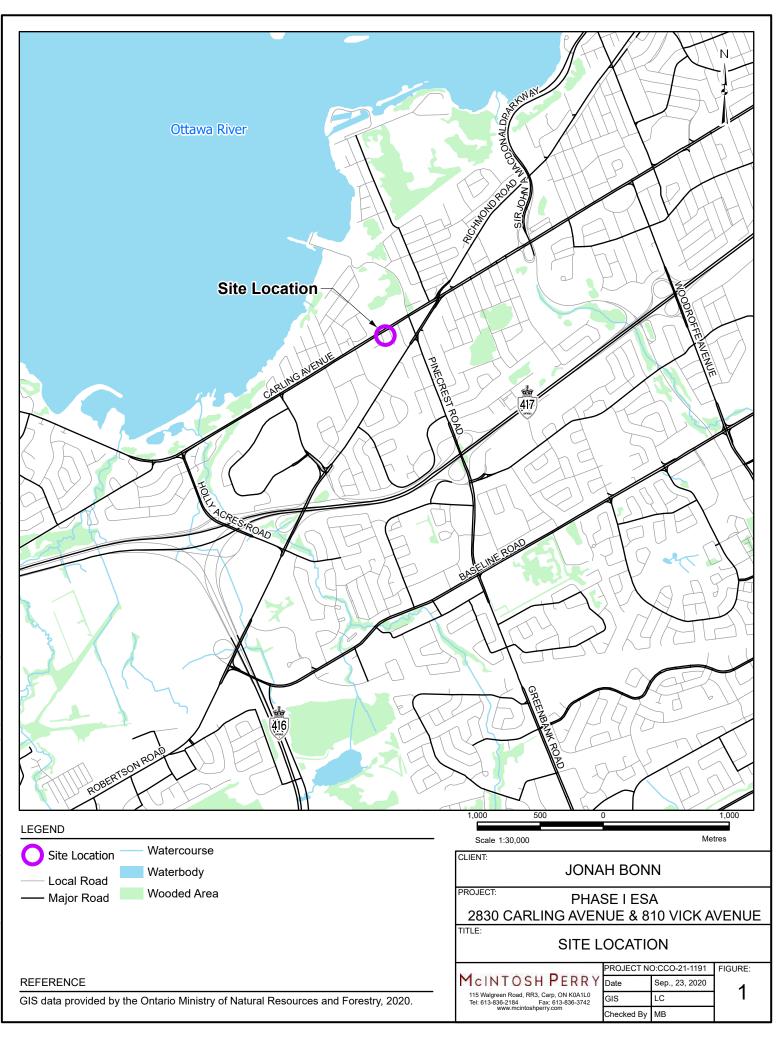
ERIS, 2020. Standard Report Results.

CCO-21-1191

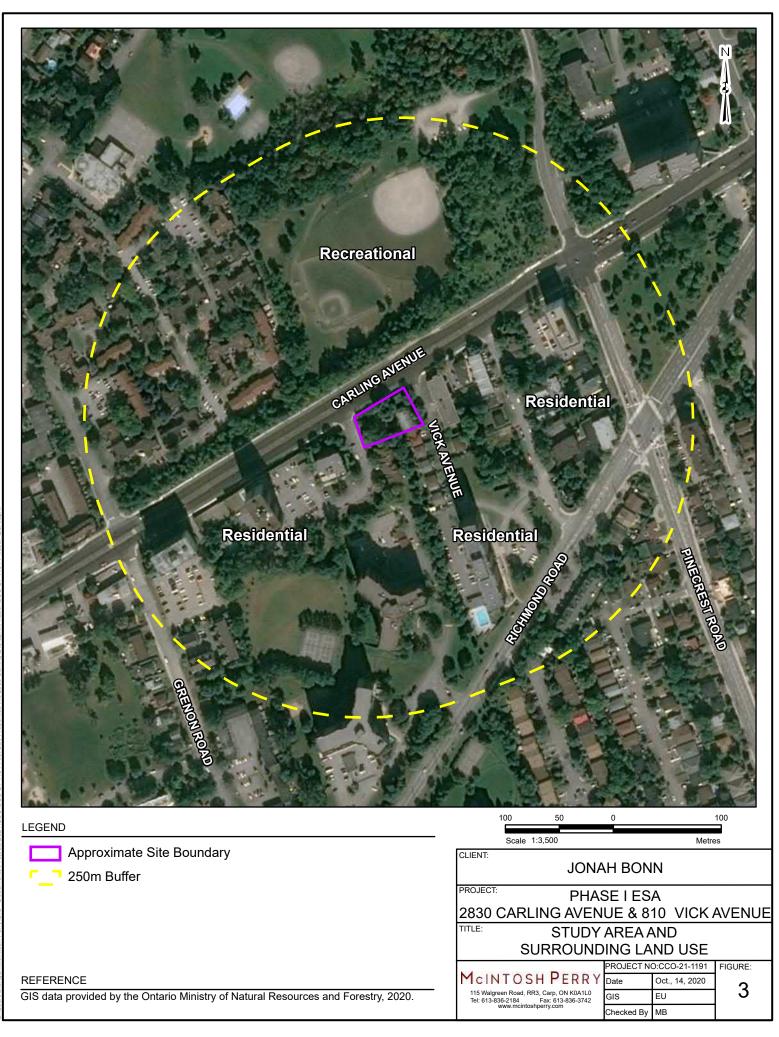
PHASE I ENVIRONMENTAL SITE ASSESSMENT 2830 CARLING AND 810 VICK AVENUE, OTTAWA, ONTARIO

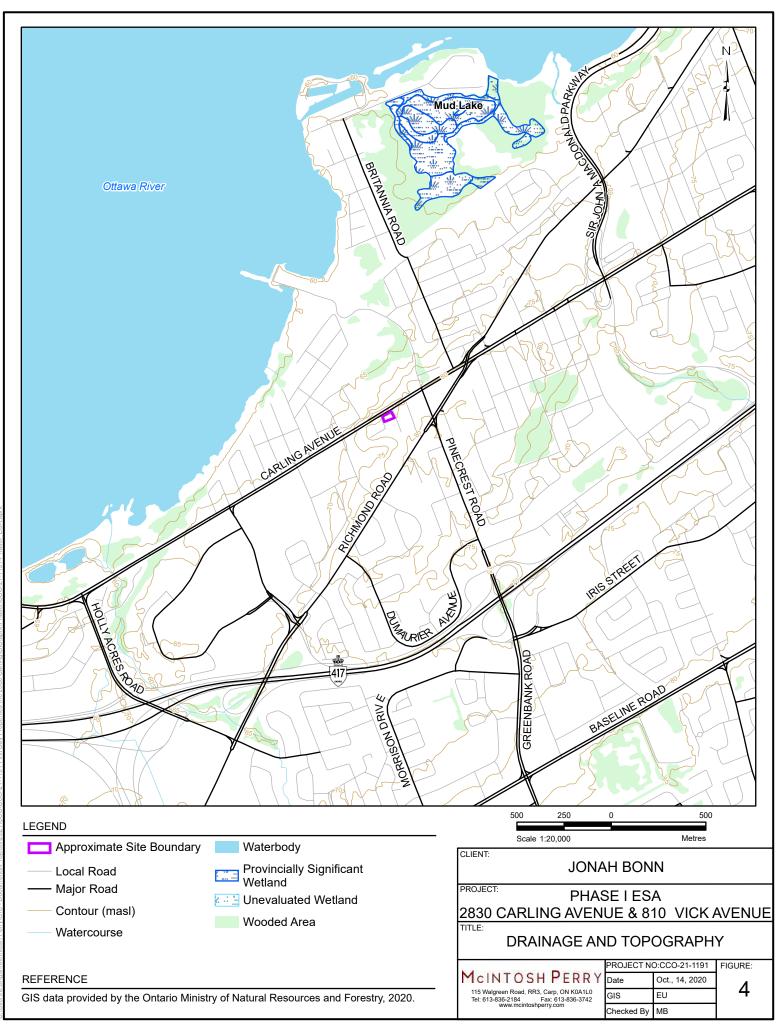














I EGEND

EGEN	EGEND		
	Approximate Site Boundary		
	250m Buffer		
	PCA		
1	2881 Richmond Road		

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

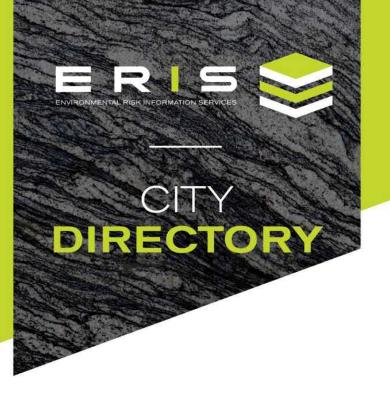
REFERENCE			
GIS data provided by the Ontar	io Ministry	of Natural R	esources
and Forestry, 2020.			
80 40	0		80
Scale 1:2,500		Ме	etres
CLIENT:			
JONA	H BON	N	
PROJECT: PHAS	SEIES	A	
2830 CARLING AVEN	UE & 8	10 VICK	AVENUE
TITLE: POTENTIALLY CONTAMINATING ACTIVITIES (PCA'S)			
	ENTIAL E RN (APE)		IIAL
		O:CCO-21-1191	FIGURE:
MCINTOSH PERRY	Date	Oct., 14, 2020	E
115 Walgreen Road, RR3, Carp, ON K0A1L0 Tel: 613-836-2184 Fax: 613-836-3742	GIS	EU	5
www.mcintoshperry.com	Checked By	MB	

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



APPENDIX A – CITY DIRECTORY

McINTOSH PERRY



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



Ottawa, Ontario
-No Civic Address
-Address Not Listed
-Multi-Tenant Residential -Sunset heights
-Address Not Listed
-Creatrix Design Studios
-Multi-Tenant Residential
-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
2000 Carling Avenue	
027.0000 00 000000	A deluces Net Listed
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



-Address Not Listed	
-Multi-Tenant Residential	
-Address Not Listed	
-Res (1 Tenant)	
-Multi-Tenant Residential	
-Multi-Tenant Residential	
	-Multi-Tenant Residential -Address Not Listed -Res (1 Tenant)

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

Ottawa, Ontario
-No Civic Address
-Address Not Listed
-Address Not Listed
-Res (1 Tenant)
-No Return



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

Ottawa, Ontario
-No Civic Address
-Address Not Listed
-Address Not Listed
-Res (1 Tenant)
-Res (1 Tenant)
-Address Not Listed



73 Ritchie Street	-Address Not Listed

PROJECT NUMBER : 20290200512	
	Ottown Outoria
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



Project Property:

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

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Executive Summary

Property Information:

Project Property:

Project No:

2830 Carling Ph ONE ESA 2830 Carling Ave Ottawa ON K2B 7J4

CCO-21-1191

Order Information:

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

Historical/Products:

Aerial Photographs City Directory Search Insurance Products Aerials - National Collection CD - Subject Site plus 20 Adjacent Properties 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	Ŷ	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Ŷ	0	0	0
NDSP	National Defense & Canadian Forces Spills	Ŷ	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites National Energy Board Pipeline Incidents	Y Y	0 0	0 0	0 0
NEBP	National Energy Board Wells	Ŷ	0	0	0
NEES	National Environmental Emergencies System (NEES)	Ŷ	0	0	0
NPCB	National PCB Inventory	Ŷ	0	0	0
NPRI	National Pollutant Release Inventory	Ŷ	0	0	0
OGWE	Oil and Gas Wells	Ŷ	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
<u>1</u>	BORE		ON	SW/0.0	0.29	<u>17</u>
2	WWIS		ON	SW/0.0	0.29	<u>18</u>

Well ID: 1507998

Executive Summary: Site Report Summary - Surrounding Properties

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



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

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

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 ON	Distance (m) 0.0	<u>Map Key</u> <u>1</u>
	ON	93.4	<u>4</u>
	ON	105.7	<u>8</u>
	ON	147.0	<u>11</u>
	ON	204.7	<u>18</u>
	ON	225.7	<u>21</u>
	ON	244.6	<u>25</u>

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	<u>Distance (m)</u>	<u>Map Key</u>
Marchurst Development Group Inc.	826 High St Ottawa ON	96.4	<u>5</u>

<u>Site</u>

<u>Map Key</u>

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.

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

<u>GEN</u> - 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	<u>Distance (m)</u>	<u>Map Key</u>
Timbercreek Asset Management	2880 Carling Avenue Ottawa ON	102.9	<u>7</u>
RICHMOND HEIGHTS APARTMENTS	2841 RICHMOND ROAD OTTAWA ON	142.4	<u>10</u>

11

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

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

WWIS - Water Well Information System

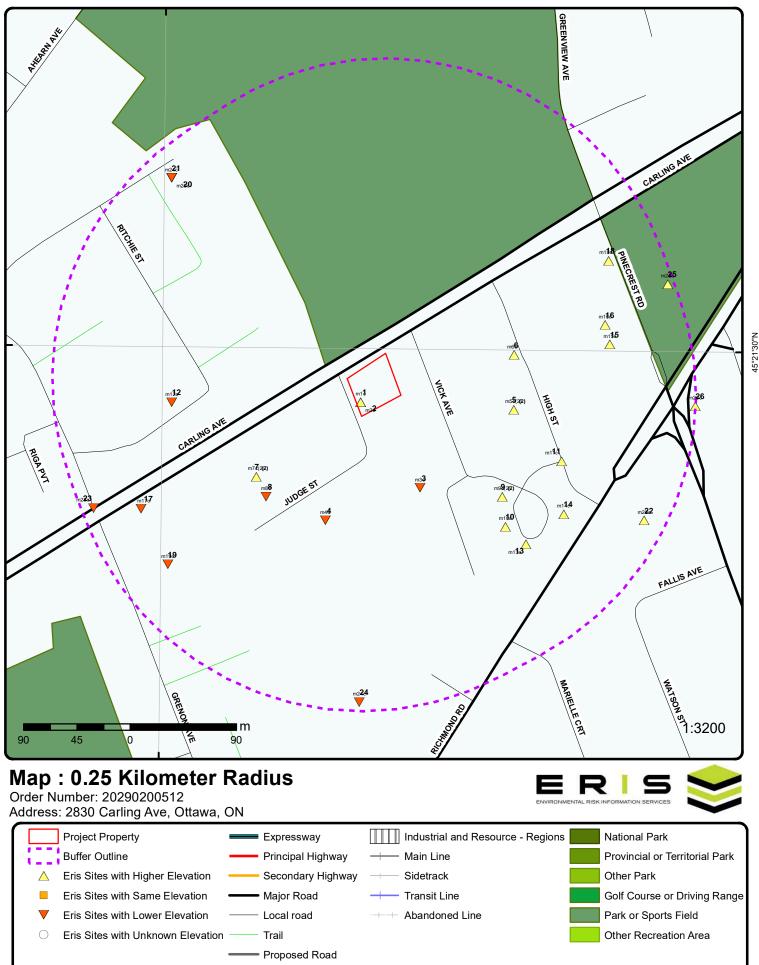
A search of the WWIS database, dated Apr 30, 2020 has found that there are 8 WWIS site(s) within approximately 0.25 kilometers of the project property.

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

Address Well ID: 1508281	<u>Distance (m)</u>	<u>Map Key</u>
ON	121.6	9
<i>Well ID:</i> 1508280 ON	150.0	<u>12</u>
Well ID: 1507995	164.7	13
ON <i>Well ID:</i> 1507984		_
ON <i>Well ID:</i> 1508548	225.7	<u>20</u>
ON	231.7	<u>22</u>
Well ID: 1508640		

Well ID: 1508640

13



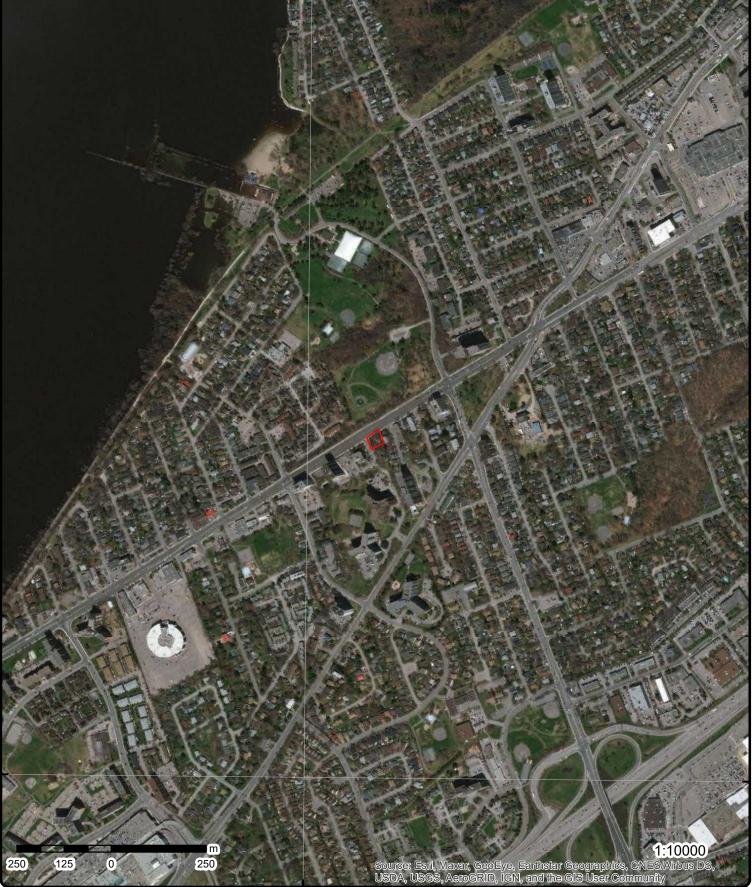
Ferry Route/Ice Road

Source: © 2015 DMTI Spatial Inc.

45°21'30"N

© ERIS Information Limited Partnership

75°48'W



45°21'N

Aerial Year: 2019

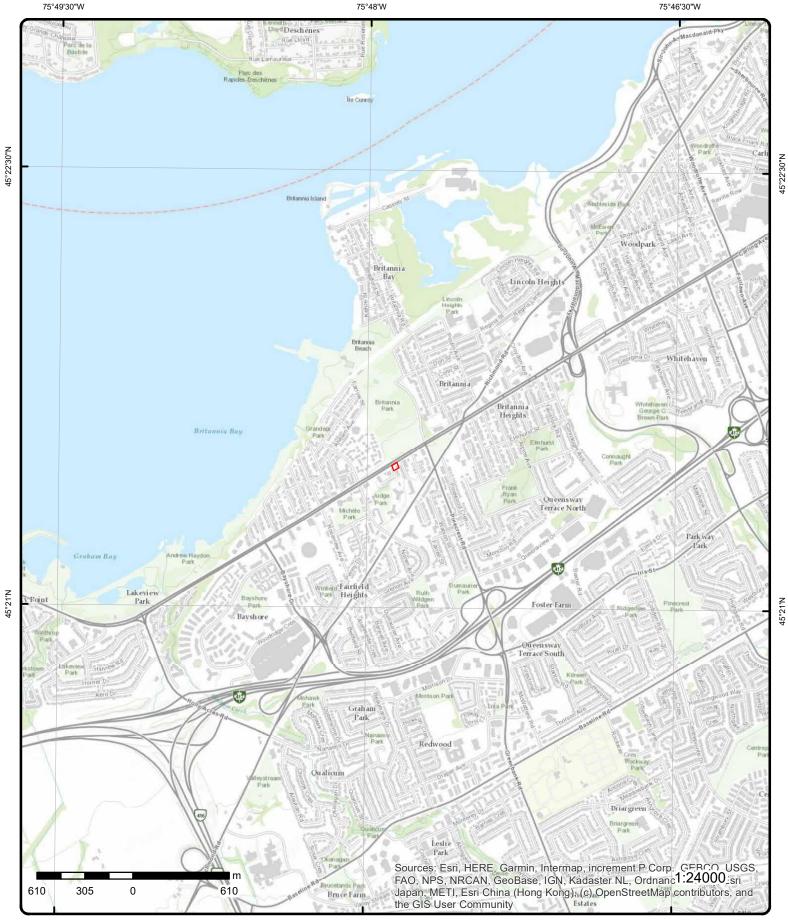
Address: 2830 Carling Ave, Ottawa, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES

Order Number: 20290200512

© ERIS Information Limited Partnership



Topographic Map

Order Number: 20290200512



Address: 2830 Carling Ave, ON

Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	E
1	1 of 1		SW/0.0	80.9/0.29	ON	BOR
Borehole ID:		610909			Inclin FLG:	No
OGF ID:		215512419			SP Status:	Initial Entry
Status:					Surv Elev:	No
Type:		Borehole			Piezometer:	No
Use:	. .	101/1070			Primary Name:	
Completion L		NOV-1970			Municipality:	
Static Water					Lot:	
Primary Wate Sec. Water U					Township:	45.357925
Sec. water 0 Total Depth r		5			Latitude DD: Longitude DD:	-75.797841
Depth Ref:	<i></i>	Ground Sur	face		UTM Zone:	18
Depth Elev:			1400		Easting:	437511
Drill Method:					Northing:	5023022
Orig Ground		77.6			Location Accuracy:	
Elev Reliabil		-			Accuracy:	Not Applicable
DEM Ground		80.2				
Concession:						
Location D:						
Survey D:						
Comments:						
Geology Stra Top Depth: Bottom Deptl	tum ID: h:	 218386904 2.3 2.7			Mat Consistency: Material Moisture: Material Texture:	Dense Fine to Medium
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material 1	tum ID: h: or: Descriptior	218386904 2.3 2.7 Brown Sand Gravel			Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Fine to Medium
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material 1	tum ID: h: or: Descriptior	218386904 2.3 2.7 Brown Sand Gravel	AND,GRAVEL-FII	NE TO MEDIUM.	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	Fine to Medium
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Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material 4: Gsc Material 4: Top Depth: Bottom Depth Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Geology Stra Top Depth: Bottom Depth	tum ID: h: r: Description ription: tum ID: h: r: Description ription: tum ID: h:	218386904 2.3 2.7 Brown Sand Gravel 7: 218386905 2.7 5 Brown Sand Gravel Silt 7: 218386903 0 2.3	AND,GRAVEL,SII	LT. BROWN,VER	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Formation: Geologic Period: Depositional Gen: LIGHT,BROWN,VERY DEN Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Y DENSE. 00000019000750 the department have a trun Mat Consistency: Material Moisture: Material Moisture: Material Moisture: Material Texture:	Fine to Medium SE. Dense 07800090100Y DENSE. SAND,GRAVEL. 000 cated [Stratum Description] field.

17

Map Key	Number Records		Direction/ Distance (m	Elev/Diff n) (m)	Site		D
Material 3: Material 4: Gsc Material	Description	Silt			Geologic Period: Depositional Gen:		
Stratum Desc			SAND,GRAVEL,	SILT. LIGHT,BROW	N,COMPACT.		
<u>Source</u>							
Source Type Source Orig:		Data Sur Geologica	vey al Survey of Cana	da	Source Appl: Source Iden:	Spatial/Tabular 1	
Source Date: Confidence:	:	1956-197 H	72		Scale or Res: Horizontal:	Varies NAD27	
Observatio: Source Name	e:		Urban Geology A	Automated Informatio	Verticalda: on System (UGAIS)	Mean Average Sea Level	
Source Detail Confiden 1:			File: OTTAWA1.	txt RecordID: 03417	0 NTS_Sheet: 31G05C omplete description of mate	rial and properties.	
Source List							
Source Ident Source Type Source Date:	:	1 Data Sur 1956-197			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Scale or Res Source Name Source Origir):	Varies	Urban Geology A Geological Surve	Automated Information	on System (UGAIS)		
<u>2</u>	1 of 1		SW/0.0	80.9 / 0.29	ON		wwi
Well ID: Construction	n Date:	1507998			Data Entry Status: Data Src:	1	
Primary Wate Sec. Water U	er Use: Ise:	Commeri 0			Date Received: Selected Flag:	8/31/1955 Yes	
Final Well St Water Type: Casing Mater		Water Su	ipply		Abandonment Rec: Contractor: Form Version:	3601 1	
Audit No: Tag:					Owner: Street Name:		
Construction	ו				County:	OTTAWA	
Elevation (m Elevation Re					<i>Municipality:</i> Site Info:	OTTAWA CITY	
Depth to Bed Well Depth:					Lot: Concession:		
Overburden/ Pump Rate:	Bedrock:				Concession Name: Easting NAD83:		
Static Water Flowing (Y/N					Northing NAD83: Zone:		
Flow Rate: Clear/Cloudy	/:				UTM Reliability:		
PDF URL (Ma	p):		https://d2khazk8	e83rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/150\1507998.pdf	
Bore Hole Inf	ormation						
	-	1003003	3		Elevation: Elevrc:	80.251716	
Bore Hole ID	•	19			LICVIC.		
DP2BR: Spatial Statu		19			Zone:	18	
DP2BR:	s:	19 r Bedrock			East83: North83:	18 437510.7 5023022	
DP2BR: Spatial Statu Code OB:	sc:	r			East83:	437510.7	

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Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	Location Source: Location Method: on Comment:			Location Method:	p9	
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID: Layer: Color:		931008567 2				
General Color. Mat1: Most Commor Mat2: Mat2 Desc: Mat3:		11 GRAVEL				
Mat3. Mat3 Desc: Formation Top Formation End Formation End	d Depth:	11 19 ft				
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color	:	931008568 3				
Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	n Material:	15 LIMESTONE				
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	19 65 ft				
<u>Overburden al</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color		931008566 1				
Mat1: Most Commor Mat2: Mat2 Desc: Mat3:		05 CLAY				
Mat3 Desc: Formation Top Formation End Formation End	d Depth:	0 11 ft				

Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	,
Method Const	ruction ID:	961507998			
lethod Const	ruction Code:	1			
Aethod Const		Cable Tool			
Other Method	Construction:				
Pipe Information	on				
Pipe ID:		10578603			
Casing No:		1			
comment:					
Alt Name:					
Construction I	Record - Casing				
Casing ID:		930052723			
ayer:		2			
Material:	Matorial.	4 OPEN HOLE			
Open Hole or I	viateriai:	OPEN HOLE			
Depth From: Depth To:		65			
Casing Diamet	ter:	4			
Casing Diame		inch			
Casing Depth	UOM:	ft			
Construction I	Record - Casing				
Casing ID:		930052722			
.ayer:		1			
laterial:		1			
pen Hole or l	Material:	STEEL			
Pepth From:		00			
Pepth To:	1a **	20 4			
Casing Diamet Casing Diamet		4 inch			
Casing Depth		ft			
Results of Wel	l Yield Testing				
Pump Test ID:		991507998			
Pump Set At:					
Static Level:		10			
inal Level Aft		20			
	d Pump Depth:	_			
Pumping Rate	:	5			
lowing Rate:	Dumm Data				
ecommended evels UOM:	a Pump Rate:	ft			
ate UOM:		GPM			
	ter Test Code:	1			
Vater State Af		CLEAR			
Pumping Test		1			
Pumping Dura		1			
Pumping Dura		0			
lowing:		No			
Vater Details					
Vater ID:		933462320			
ayer:		1			
Kind Code:		1			
Kind: Notor Found F	Domth.	FRESH			
Vater Found L	eptn:	65			
20	erisinfo.com En	vironmental Risk Info	rmation Service	c	Order No: 202902005

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Foun	d Depth UOM:	ft				
<u>3</u>	1 of 1	SSE/77.0	79.9 / -0.71	2880 Carling Ave Ottawa ON K2B7Z1		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Si Lot/Building Additional I	C : Cu : 05 red: 30 te Name:	150130074 Istom Report -FEB-15 -JAN-15		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.797191 45.357274	
4	1 of 1	SSW/93.4	79.9 / -0.71			

4	1 of 1	SSW/93.4	79.9/-0.71			BORE
				ON		20/12
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 L	Date:	SEP-1968		Municipality:		
Static Water	Level:	-1.5		Lot:		
Primary Wate	er Use:			Township:		
Sec. Water U	se:			Latitude DD:	45.357022	
Total Depth r	n:	-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:						

Borehole Geology Stratum

Survey D: Comments:

Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Descriptio Stratum Description:	BEDROCK,LIMESTONE. G	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: REY. COMPACT, WATER STABLE / ded by the department have a truncate	Compact Fine AT 229.9 FEET.BEDROCK. SILT-FINE,CLAY.GR ed [Stratum Description] field.
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4:	218386876 0 3.9 Brown Sand Gravel Silt	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Compact

Material 3: Silt Material 4: Gsc Material Description: Stratum Description:

SAND, GRAVEL, SILT. BROWN, COMPACT.

Мар Кеу	Number Records		Elev/Diff) (m)	Site		DI
<u>Source</u>						
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail Confiden 1:			utomated Informat	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: ion System (UGAIS) 30 NTS_Sheet: 31G05C	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List						
Source Identi Source Type: Source Date: Scale or Reso Source Name	olution:	1 Data Survey 1956-1972 Varies Urban Geology A	utomated Informat	Horizontal Datum: Vertical Datum: Projection Name: ion System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Source Origin		Geological Survey	y of Canada			
<u>5</u>	1 of 2	E/96.4	80.9 / 0.29	FRANCIS FUELS 826 HIGH ST (IN FRO (CARGO) OTTAWA CITY ON H	ONT OF) TANK TRUCK K2B 6C4	SPL
Ref No:		199275		Discharger Report:		
Site No: Incident Dt:		4/26/2001		Material Group: Health/Env Conseq:		
Year: Incident Caus Incident Even Contaminant Contaminant Contam Limit Contam Limit	nt: Code: Name: Limit 1: t Freq 1:	VALVE/FITTING LEAK OR	FAILURE	Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region:		
Environment Nature of Imp Receiving Me Receiving En MOE Respon	Impact: bact: edium: v: se:	Possible Soil contamination Land		Site Municipality: Site Lot: Site Conc: Northing: Easting:	20107	
Dt MOE Arvl (MOE Reporte		4/26/2001		Site Geo Ref Accu: Site Map Datum:		
Dt Document Incident Reas Site Name: Site County/E	son: District:	OTHER		SAC Action Class: Source Type:		
Site Geo Ref Incident Sum Contaminant	mary:	FRANCIS FUELS	:2-3L SPILL OF O	IL TO ASPHALT, CON- TAI	NED AND CLEANED UP	
<u>5</u>	2 of 2	E/96.4	80.9 / 0.29	Marchurst Developn 826 High St Ottawa ON	nent Group Inc.	EC4
Approval No: Approval Dat Status: Record Type: Link Source: SWP Area Na	e:	1944-AW9PFS 2018-02-26 Approved ECA IDS		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:		

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Approval Type Project Type: Address:			ECA-MUNICIPAL A MUNICIPAL AND F 826 High St				
Full Address: Full PDF Link:			https://www.access	senvironment.ene.	gov.on.ca/instruments/2355	5-AVSRS7-14.pdf	
6	1 of 1		E/101.9	80.9 / 0.29			ww
_					ON		
Well ID: Comotinuotion I	Data	1508282			Data Entry Status:	1	
Construction L Primary Water		Domestic			Data Src: Date Received:	1 6/5/1959	
Sec. Water Use		0			Selected Flag:	Yes	
Final Well Stat		Water Su	vlaa		Abandonment Rec:		
Water Type:			FF-7		Contractor:	3701	
Casing Materia	al:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction I					County:	OTTAWA	
Elevation (m):					Municipality:	OTTAWA CITY	
Elevation Relia					Site Info:		
Depth to Bedro	ock:				Lot:		
Well Depth:					Concession:		
Overburden/Be	earock:				Concession Name:		
Pump Rate: Static Water Le	ovol:				Easting NAD83: Northing NAD83:		
					Zone:		
$-i\alpha w/in\alpha / v/w/$							
Flowing (Y/N): Flow Rate:					UTM Reliability:		
Flow Rate: Clear/Cloudy:				Onder along the stars	UTM Reliability:	(2) A - A - 70 (- 11	
Flow Rate: Clear/Cloudy: PDF URL (Map	o):		https://d2khazk8e8	3rdv.cloudfront.ne	-	/2Water/Wells_pdfs/150\1508282.pdf	
Flow Rate: Clear/Cloudy: PDF URL (Map <u>Bore Hole Info</u>	o):	10020247		3rdv.cloudfront.ne	et/moe_mapping/downloads		
Flow Rate: Clear/Cloudy: PDF URL (Map <u>Bore Hole Info</u> Bore Hole ID:	o):	10030317		3rdv.cloudfront.ne	et/moe_mapping/downloads <i>Elevation:</i>	/2Water/Wells_pdfs/150\1508282.pdf 82.19667	
Flow Rate: Clear/Cloudy: PDF URL (Map <u>Bore Hole Info</u> Bore Hole ID: DP2BR:	o): ormation	10030317 74		3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc:	82.19667	
Flow Rate: Clear/Cloudy: PDF URL (Map <u>Bore Hole Info</u> Bore Hole ID: DP2BR: Spatial Status:	o): ormation	74		3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone:	82.19667 18	
Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB:	o): ormation ::	74 r		3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83:	82.19667 18 437640.7	
Flow Rate: Clear/Cloudy: PDF URL (Map <u>Bore Hole Info</u> Bore Hole ID: DP2BR: Spatial Status:	o): ormation ::	74		3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83:	82.19667 18	
Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc	o): ormation ::	74 r		3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83:	82.19667 18 437640.7 5023062 5	
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Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks:	o): ormation :: c:	74 r Bedrock	,	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	82.19667 18 437640.7 5023062 5	
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Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement I	o): ormation :: c: ed: Location S Location N	74 r Bedrock 5/15/1959 Source: Method:	,	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	82.19667 18 437640.7 5023062 5 margin of error : 100 m - 300 m	
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Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourd Improvement I Source Revisio Supplier Comm Source Revisio Supplier Comm <u>Overburden ar</u> Materials Inter Formation ID: Layer: Color: General Color:	o): ormation : : : : : : : : : : : : : : : : : : :	74 r Bedrock 5/15/1959 Source: Method: ent:	931009250 2	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	82.19667 18 437640.7 5023062 5 margin of error : 100 m - 300 m	
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Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourc Improvement I Improvement I Source Revisio Supplier Comr Overburden ar Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common	o): ormation :: c: c: c: cce Date: Location S Location I ion Commo ment: <u>nd Bedroc</u> <u>rval</u>	74 r Bedrock 5/15/1959 Source: Method: ent:	931009250 2	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	82.19667 18 437640.7 5023062 5 margin of error : 100 m - 300 m	
Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourc Improvement I Improvement I Source Revisio Supplier Comr Overburden ar Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2:	o): ormation :: c: c: c: cce Date: Location S Location I ion Commo ment: <u>nd Bedroc</u> <u>rval</u>	74 r Bedrock 5/15/1959 Source: Method: ent:	931009250 2 09	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	82.19667 18 437640.7 5023062 5 margin of error : 100 m - 300 m	
Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sourc Improvement I Improvement I Source Revisio Supplier Comr Overburden ar Materials Inter Formation ID: Layer: Color: General Color: Mat1: Most Common	o): ormation :: c: c: c: cce Date: Location S Location I ion Commo ment: <u>nd Bedroc</u> <u>rval</u>	74 r Bedrock 5/15/1959 Source: Method: ent:	931009250 2 09	3rdv.cloudfront.ne	et/moe_mapping/downloads Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	82.19667 18 437640.7 5023062 5 margin of error : 100 m - 300 m	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Te Formation El	op Depth:	30 60			
	nd Depth: nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID Layer:);	931009252 4			
Color: General Colo Mat1:	or:	15			
Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	LIMESTONE			
Mat3 Desc:					
Formation To		74			
Formation El Formation El	nd Depth: nd Depth UOM:	195 ft			
<u>Overburden</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID):	931009249			
Layer:		1			
Color: General Colo					
Mat1:	<i>n</i> .	05			
Most Commo	on Material:	CLAY			
<i>Mat2: Mat2 Desc: Mat3:</i>					
Mat3 Desc:					
Formation To		0			
Formation El Formation El	nd Depth: nd Depth UOM:	30 ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID):	931009251			
Layer:		3			
Color: General Colo					
General Cold Mat1:	or:	14			
Most Commo	on Material:	HARDPAN			
Mat2:		11			
<i>Mat2 Desc: Mat3:</i>		GRAVEL			
Mat3 Desc:		00			
Formation Te Formation E	op Depth: nd Donth	60 74			
	nd Depth: nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		961508282			
	struction Code:	1 Cable Taol			
Method Cons	struction:	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: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	78 5 inch 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

	nber of ords	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Depth Water Found Depth		933462713 2 1 FRESH 175 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Depth Water Found Depth		933462712 1 1 FRESH 125 ft				
<u>7</u> 1 of 2	2	WSW/102.9	80.7 / 0.09	Sunset Heights Apart 2880 Carling Avenue Ottawa ON K2B 7Z1	tments <unofficial></unofficial>	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name Contaminant Name Contaminant Limit Contam Limit Freq Contaminant UN No Environment Impact Nature of Impact: Receiving Medium: Receiving Medium: Receiving Medium: Receiving Medium: Dt MOE Response: Dt MOE Response: Dt MOE Arvl on Scr MOE Reported Dt: Dt Document Close Incident Reason: Site Name: Site County/District Site Geo Ref Meth: Incident Summary: Contaminant Qty:	8/3/200 Intent - : MOTO 1: 1: 2 1: 2 1: 2 1: 2 1: 2 1: 2 1: 2 1	Intentional or planne R OIL ticipated mpact(s) 95 ism - Illegal/deliberat 2880 Carling Aver		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Kegion: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Gap Datum: SAC Action Class: Source Type:	0 Other Ottawa Ottawa Spills to Watercourses	
7_ 2 of 2	2	WSW/102.9	80.7 / 0.09	Timbercreek Asset M 2880 Carling Avenue Ottawa ON	anagement	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON618 2012 531390)	elated to Real Estate	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>8</u> 1 of 1	1	SW/105.7	79.9 / -0.71			BORE
_	6	vironmental Risk In	formation Operation		Order No: 2	

erisinfo.com | Environmental Risk Information Services

Record		(11)	
		ON	
Revehola ID:	610002	Inclin El Ci	No
Borehole ID: OGF ID:	610903 215512413	Inclin FLG: SP Status:	Initial Entry
Status:	215512415	SP Status: Surv Elev:	No
	Borehole	Piezometer:	No
Type: Use:	Dorenole	Priezonneter. Primary Name:	NU
Completion Date:	AUG-1971	Municipality:	
Static Water Level:	A00-1971	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 Strat	<u>um</u>		
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 Descriptio	n:	-	
Stratum Description:	GRAVEL,SAND,SI	LT. 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 Descriptio	n:		
Stratum Description:	GRAVEL,SAND,SI	LT. 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 Descriptio			
Stratum Description:	SAND,GRAVEL,SI	LT. VERY DENSE.	
Geology Stratum ID:	218386889	Mat Consistency:	
Top Depth:	9.1	Material Moisture:	
_ · · · _	0.0	Material Texture:	
Bottom Depth:	9.6		
Material Color:		Non Geo Mat Type:	
	9.6 Sand Gravel	Non Geo Mat Type: Geologic Formation: Geologic Group:	

Мар Кеу

Number of

Records

Direction/

Distance (m)

Elev/Diff

(m)

Site

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Material 3:					Geologic Period:		
Material 4:					Depositional Gen:		
Gsc Material		1:					
Stratum Desc	cription:				12 00150 009 00200 009 00 runcated [Stratum Descriptio	0275 013 00300 012 **Note: Many records on] field.	5
Geology Stra Top Depth:	tum ID:	21838688 2	85		Mat Consistency: Material Moisture:	Dense	
Bottom Depth	h.	4.6			Material Texture:	Fine to Medium	
Aaterial Colo					Non Geo Mat Type:		
Material 1:		Sand			Geologic Formation:		
Material 2:		Gravel			Geologic Group:		
Material 3:		Silt			Geologic Period:		
Material 4:		Ont			Depositional Gen:		
Gsc Material	Description	ŋ <i>.</i>			Depositional Gen.		
Stratum Desc	•		SAND,GRAVEL-F	INE TO MEDIUM,	SILT. DENSE.		
Geology Stra	tum ID:	2183868	84		Mat Consistency:		
Top Depth:		0			Material Moisture:		
Bottom Deptl		2			Material Texture:		
Material Colo	r:				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	1:					
Stratum Desc	cription:		ARTIFICIAL,SANE	D, GRAVEL,ROCK	•		
Source							
Source Type:	•	Data Sur	vev		Source Appl:	Spatial/Tabular	
Source Orig:			al Survey of Canada	а	Source Iden:	1	
Source Date:		1956-197			Scale or Res:	Varies	
Confidence:		H	-		Horizontal:	NAD27	
Observatio:					Verticalda:	Mean Average Sea Level	
Source Name	· ·		Urban Geology Au	itomated Informatio	on System (UGAIS)	mean , werage dea zever	
Source Detail					0 NTS_Sheet: 31G05C		
Confiden 1:					omplete description of mate	rial and properties.	
Source List							
Source Identi	ifier:	1			Horizontal Datum:	NAD27	
Source Type:		Data Sur	vev		Vertical Datum:	Mean Average Sea Level	
Source Date:		1956-197			Projection Name:	Universal Transverse Mercator	
Scale or Reso		Varies	-		. rejection Nume.		
Source Name			Urban Geology Au	Itomated Informatio	on System (UGAIS)		
Source Origin			Geological Survey				
9	1 of 2		ESE/121.6	80.9/0.29			ww
					ON		
Vell ID:	_	1508280			Data Entry Status:		
Construction		<u> </u>			Data Src:	1	
Primary Wate		Domestic	;		Date Received:	11/26/1951	
Sec. Water Us		0			Selected Flag:	Yes	
	atus:	Water Su	ipply		Abandonment Rec:	1999	
					Contractor:	4832	
Vater Type:	ial:				Form Version:	1	
Vater Type: Casing Mater					Owner:		
Vater Type: Casing Mater							
Vater Type: Casing Mater Audit No:					Street Name:		
Final Well Sta Vater Type: Casing Mater Audit No: Fag: Construction					Street Name: County:	OTTAWA	
Vater Type: Casing Mater Audit No: Fag:	Method:					OTTAWA OTTAWA CITY	

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	edrock: evel:				Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map	o):		https://d2khazk8e83	rdv.cloudfront.ne	et/moe mapping/downloads	s/2Water/Wells_pdfs/150\1508280.pdf	
			·				
<u>Bore Hole Info</u> Bore Hole ID:	rmation	10030315			Elevation:	84.532608	
DP2BR:		70	,		Elevic:	84.552000	
		10			Zone:	18	
Spatial Status	•						
Code OB:	_	r Dedreels			East83:	437630.7	
Code OB Desc		Bedrock			North83:	5022942	
Open Hole:					Org CS:	F	
Cluster Kind:		7/45/4050			UTMRC:	5	
Date Complete	ed:	7/15/1950)		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:					Location Method:	p5	
Elevrc Desc: .ocation Sour							
mprovement i mprovement i Source Revisi	Location S Location M	lethod:					
Overburden al laterials Inter Formation ID:	nd Bedrocl	<u>k</u>	931009245				
<u>Dverburden an</u> Materials Inter Formation ID: ayer: Color: General Color	nd Bedrocl val	<u>¢</u>	1				
Overburden an Materials Inter Formation ID: ayer: Color: General Color Mat1:	nd Bedrocl val	<u>د</u>	1 09				
<u>Dverburden au</u> Materials Inter Formation ID: Layer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3:	nd Bedrocl val	<u>د</u>	1				
Overburden an Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc:	n <u>d Bedroci val</u> : n Material:	<u>د</u>	1 09 MEDIUM SAND				
Dverburden an Materials Inter Formation ID: .ayer: Color: General Color Mat1: Mat1: Mat2: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top	nd Bedrocl val : n Material: o Depth:	<u>¢</u>	1 09 MEDIUM SAND 0				
Dverburden an Materials Inter Formation ID: .ayer: Color: General Color Mat1: Mat2: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	nd Bedroci val : n Material: n Depth: d Depth:	<u>k</u>	1 09 MEDIUM SAND				
Overburden au Aaterials Inter Formation ID: .ayer: Color: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End Formation End Formation End	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci	<u>k</u> DM:	1 09 MEDIUM SAND 0 70				
<u>Dverburden au</u> <u>Aaterials Inter</u> Formation ID: Jayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc: Formation Ence Formation Ence Dverburden au Materials Inter Formation ID:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci	<u>s</u> DM: <u>s</u>	1 09 MEDIUM SAND 0 70 ft 931009246				
Overburden an Materials Inter Formation ID: ayer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Tormation Ence Formation Ence Tormation Ence Tormation ID: ayer:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci	<u>s</u> DM: <u>s</u>	1 09 MEDIUM SAND 0 70 ft				
Overburden an Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat2 Desc: Mat3: Mat3 Desc: Formation Enco Formation Enco Formation Enco Coverburden an Materials Inter Formation ID: .ayer: Color:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci	<u>s</u> DM: <u>s</u>	1 09 MEDIUM SAND 0 70 ft 931009246				
Overburden an Interials Inter Formation ID: ayer: Color: General Color Int1: Int2: I	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci	<u>s</u> DM: <u>s</u>	1 09 MEDIUM SAND 0 70 ft 931009246 2				
Dverburden an Materials Inter Formation ID: ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Formation End Formation End Cormation ID: ayer: Color: Seneral Color Mat1: Most Commor Mat2:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci val	<u>¢</u> 0M: <u>¢</u>	1 09 MEDIUM SAND 0 70 ft 931009246				
Supplier Com <u>Dverburden an</u> <u>Materials Inter</u> Formation ID: Layer: Color: General Color. Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Formation End Formation End Dverburden an Materials Inter Formation ID: Layer: Color: General Color. Mat2: Mat2 Desc: Mat3: Mat2 Desc: Mat2: Mat2 Desc: Mat2: Mat2 Desc: Mat2: Mat2 Desc: Mat2:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci val	<u>¢</u> 0M: <u>¢</u>	1 09 MEDIUM SAND 0 70 ft 931009246 2 15				
<u>Dverburden au</u> <u>Aaterials Inter</u> Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Formation End Coverburden au Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc: Mat3 Desc:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci val : n Material:	<u>k</u> DM: <u>k</u>	1 09 MEDIUM SAND 0 70 ft 931009246 2 15 LIMESTONE				
Dverburden au Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat3 Desc: Formation End Formation End Formation End Coverburden au Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2 Desc: Mat3 Desc: Mat3 Desc: Formation Top	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci val : n Material:	<u>k</u> DM: <u>k</u>	1 09 MEDIUM SAND 0 70 ft 931009246 2 15 LIMESTONE 70				
<u>Dverburden au</u> <u>Aaterials Inter</u> Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Formation End Coverburden au Materials Inter Formation ID: .ayer: Color: General Color Mat1: Most Commor Mat2: Mat2 Desc: Mat3 Desc: Mat3 Desc: Mat3 Desc:	nd Bedroci val : n Material: d Depth: d Depth: d Depth UC nd Bedroci val : n Material: d Depth: d Depth:	<u>s</u> DM: <u>s</u>	1 09 MEDIUM SAND 0 70 ft 931009246 2 15 LIMESTONE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction Code:	961508280 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10578885 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930053285 2 4 OPEN HOLE 152 4 inch ft			
Construction	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930053284 1 1 STEEL 72 4 inch ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID Pump Set At: Static Level:	:	991508280 60			

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:

_

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found			75				
Water Found	I Depth UC)М:	ft				
Water Details	<u>s</u>						
Water ID:			933462708				
Layer:			2				
Kind Code:			1				
Kind:			FRESH				
Water Found			138				
Water Found	I Depth UC	М:	ft				
Water Details	<u>s</u>						
Water ID:			933462709				
Layer:			3				
Kind Code:			1				
Kind:			FRESH				
Water Found Water Found		М:	150 ft				
<u>9</u>	2 of 2		ESE/121.6	80.9/0.29			wwis
					ON		
Well ID:		150828	1		Data Entry Status:		
Construction					Data Src:	1	
Primary Wate	er Use:	Domest	ic		Date Received:	8/1/1956	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water S	Supply		Abandonment Rec:		
Water Type:					Contractor:	3718	
Casing Mate	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction					County:	OTTAWA	
Elevation (m					Municipality:	OTTAWA CITY	
Elevation Re					Site Info:		
Depth to Bed	drock:				Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		

Clear/Cloudy: PDF URL (Map):

Pump Rate: Static Water Level:

Flowing (Y/N): Flow Rate:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1508281.pdf

Easting NAD83:

UTM Reliability:

Zone:

Northing NAD83:

Bore Hole Information

Bore Hole ID: DP2BR:	10030316 60	Elevation: Elevrc:	84.532608
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:	р5
Elevrc Desc:			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvemen	t Location Source: t Location Method: sion Comment:				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation T	or: on Material:	931009248 2 2 GREY 15 LIMESTONE			
Formation To Formation Ei Formation Ei	op Deptn: nd Depth: nd Depth UOM:	60 100 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation El Formation El	or: on Material: op Depth:	931009247 1 11 GRAVEL 09 MEDIUM SAND 0 60 ft			
<u>Use</u> Method Cons Method Cons Method Cons	struction Code:	961508281 1 Cable Tool			
Pipe Informa					
Pipe ID: Casing No: Comment: Alt Name:		10578886 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From:	r Material:	930053287 2 4 OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Depth To:		100			
Casing Diame		4 inch			
Casing Diame		inch ft			
Casing Depth		π			
Construction	Record - Casing				
Casing ID:		930053286 1			
Layer: Material:		1			
Open Hole or	Material:	STEEL			
Depth From:		-			
Depth To:		60			
Casing Diame		4			
Casing Diame		inch			
Casing Depth	UOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID		991508281			
Pump Set At: Static Level:		30			
	fter Pumping:	40			
	ed Pump Depth:				
Pumping Rate		5			
Flowing Rate					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:	fter Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur		0			
Pumping Dur	ation MIN:	30			
Flowing:		No			
Water Details					
Water ID:		933462710			
Layer:		1			
Kind Code:					
Kind: Water Found	Denth:	FRESH 70			
Water Found Water Found		ft			
Water Details					
Water ID:		933462711			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Water Found		100 ft			
<u>10</u>	1 of 1	SE/142.4	80.9 / 0.29	RICHMOND HEIGHTS APARTMENTS 2841 RICHMOND ROAD OTTAWA ON	GEN
Generator No	: ON516	57112		PO Box No:	
Status:				Country:	
	rs: 2012			Choice of Contact:	
Approval Yea					

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
MHSW Facili	ity:				Phone No Admin:	
SIC Code:		531310				
SIC Descript	ion:		Real Estate Prope	rty Managers		
<u>11</u>	1 of 1		ESE/147.0	81.7 / 1.08	<u></u>	BORE
					ON	
Borehole ID:		610907			Inclin FLG:	No
OGF ID:		2155124	17		SP Status:	Initial Entry
Status: Type:		Borehole			Surv Elev: Piezometer:	No No
Use:		Dorchold			Primary Name:	NO
Completion L	Date:				Municipality:	
Static Water	Level:	1.5			Lot:	
Primary Wate					Township:	15 057 10
Sec. Water U		-999			Latitude DD:	45.35749
Total Depth r Depth Ref:	<i>m:</i>	-999 Ground S	Surface		Longitude DD: UTM Zone:	-75.795665 18
Depth Elev:		Cround C	Sanaoo		Easting:	437681
Drill Method:	:				Northing:	5022972
Orig Ground		83.8			Location Accuracy:	
Elev Reliabil		04.4			Accuracy:	Not Applicable
DEM Ground Concession:		84.1				
Location D:						
Survey D:						
Comments:						
Geology Stra Top Depth:	atum ID:	<u>um</u> 2183869 21.3	00		Mat Consistency: Material Moisture: Material Texture:	Dense
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4:	atum ID: th: pr:	2183869 21.3 Bedrock Limestor			Material Moisture:	Dense
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	atum ID: h: br: Description	2183869 21.3 Bedrock Limestor	ie	TONE WATER S	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	atum ID: h: br: Description	2183869 21.3 Bedrock Limestor	ie BEDROCK,LIMES		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT	
Borehole Geo Geology Stra Top Depth: Bottom Depth: Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Deso Geology Stra	atum ID: th: pr: Description cription:	2183869 21.3 Bedrock Limestor	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth:	atum ID: th: pr: Description cription: atum ID:	2183869 21.3 Bedrock Limestor n: 2183868 0	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trur Mat Consistency: Material Moisture:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept	atum ID: th: pr: Description cription: atum ID: th:	2183869 21.3 Bedrock Limestor <i>n:</i> 2183868	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material Colo	atum ID: th: pr: Description cription: atum ID: th:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material Colo Material 1:	atum ID: th: pr: Description cription: atum ID: th:	2183869 21.3 Bedrock Limestor n: 2183868 0	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	atum ID: th: pr: Description cription: atum ID: th:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4:	atum ID: th: pr: Description cription: atum ID: th: pr:	2183869 21.3 Bedrock Limestor <i>n:</i> 2183868 0 21.3 Sand	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:	. DENSE. GRAVEL,SAND,SILT. VERY DENS
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Bottom Depth: Bottom Dept Material Colo Material 2: Material 3: Material 3: Material 4: Gsc Material	atum ID: th: pr: Description cription: atum ID: th: pr:	2183869 21.3 Bedrock Limestor <i>n:</i> 2183868 0 21.3 Sand	BEDROCK,LIMES GR **Note: Many r 99		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	. DENSE. GRAVEL,SAND,SILT. VERY DENS
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Bottom Depth: Bottom Dept Material Colo Material 2: Material 3: Material 3: Material 4: Gsc Material	atum ID: th: pr: Description cription: atum ID: th: pr:	2183869 21.3 Bedrock Limestor <i>n:</i> 2183868 0 21.3 Sand	ne BEDROCK,LIMES GR **Note: Many r		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	. DENSE. GRAVEL,SAND,SILT. VERY DENSI
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest	atum ID: th: pr: Description cription: atum ID: th: pr:	2183869 21.3 Bedrock Limestor <i>n:</i> 2183868 0 21.3 Sand	BEDROCK,LIMES GR **Note: Many r 99		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	. DENSE. GRAVEL,SAND,SILT. VERY DENS
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Stratum Dest Stratum Dest Source Type	atum ID: th: pr: Description cription: atum ID: th: pr: Description cription:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3 Sand n: Data Sur	BEDROCK,LIMES GR **Note: Many r 99 SAND.	records provided b	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl:	. DENSE. GRAVEL,SAND,SILT. VERY DENS
Geology Stra Top Depth: Bottom Dept Material Colo Material 2: Material 2: Material 3: Material 4: Gsc Material Stratum Dest Bottom Depth: Bottom Dept Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Stratum Dest Stratum Dest Source Type Source Type	atum ID: th: pr: Description cription: atum ID: th: pr: Description cription:	2183869 21.3 Bedrock Limeston n: 2183868 0 21.3 Sand n: Data Sur Geologic	BEDROCK,LIMES GR **Note: Many r 99 SAND. vey	records provided b	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trur Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden:	DENSE. GRAVEL,SAND,SILT. VERY DENS notated [Stratum Description] field. Spatial/Tabular
Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material 2: Material 2: Material 3: Material 3: Gsc Material Stratum Dest Material 2: Material 2: Material 3: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Source Type Source Type Source Date:	atum ID: th: Description cription: atum ID: th: Description cription:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3 Sand n: Data Sur Geologic 1956-197	BEDROCK,LIMES GR **Note: Many r 99 SAND. vey	records provided b	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trur Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res:	DENSE. GRAVEL,SAND,SILT. VERY DENS notated [Stratum Description] field. Spatial/Tabular 1 Varies
Geology Stra Top Depth: Bottom Dept Material Colo Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Material 2: Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Source Type Source Type Source Date: Confidence:	atum ID: th: pr: Description cription: atum ID: th: pr: Description cription:	2183869 21.3 Bedrock Limeston n: 2183868 0 21.3 Sand n: Data Sur Geologic	BEDROCK,LIMES GR **Note: Many r 99 SAND. vey	records provided b	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trun Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal:	DENSE. GRAVEL,SAND,SILT. VERY DENS notated [Stratum Description] field. Spatial/Tabular 1 Varies NAD27
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Dest Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Stratum Dest	atum ID: th: Description cription: atum ID: th: Description cription:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3 Sand n: Data Sur Geologic 1956-197	Ne BEDROCK,LIMES GR **Note: Many r 99 SAND. SAND.	records provided b	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trur Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res:	DENSE. GRAVEL,SAND,SILT. VERY DENSIncated [Stratum Description] field.
Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material 2: Material 2: Material 3: Material 3: Gsc Material Stratum Dest Material Colo Material 2: Material 2: Material 3: Material 3: Material 3: Material 4: Gsc Material Stratum Dest Source Source Type Source Date: Confidence: Observatio:	atum ID: th: pr: Description cription: atum ID: th: pr: Description cription: e: e:	2183869 21.3 Bedrock Limestor n: 2183868 0 21.3 Sand n: Data Sur Geologic 1956-197	BEDROCK,LIMES GR **Note: Many r 99 SAND. Vey al Survey of Canada 72 Urban Geology Au File: OTTAWA1.txt	ecords provided b tomated Information t RecordID: 03415	Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: TABLE AT 270.0 FEET.SILT y the department have a trur Mat Consistency: Material Moisture: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	T. DENSE. GRAVEL, SAND, SILT. VERY DENS Incated [Stratum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
<u>Source List</u>							
Source Ident Source Type Source Date Scale or Res Source Name Source Origi	: olution: e:		2	tomated Informatic of Canada	Horizontal Datum: Vertical Datum: Projection Name: n System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>12</u>	1 of 1		W/150.0	67.7/-12.88	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: atus: rial: n Method:): liability: Irock: Bedrock: [Bedrock: Level:]):	1507995 Domestic 0 Water Sup	ply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 Yes 3725 1 OTTAWA OTTAWA CITY	
PDF URL (Ma	ap):	I	https://d2khazk8e8	33rdv.cloudfront.ne	t/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1507995.pdf	
Bore Hole In	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple	sc: sc: : sted:	10030030 15 r Bedrock 10/7/1953			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	66.787635 18 437350.7 5023022 9 unknown UTM p9	
Remarks: Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Con	urce Date: t Location t Location sion Comm	Method:					
Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Con Overburden	urce Date: t Location t Location sion Comm nment: and Bedroo	Method: nent:					
Elevrc Desc: Location Sou Improvemen Improvemen Source Revis	urce Date: t Location t Location sion Comm nment: <u>and Bedron</u> <u>erval</u> D:	Method: nent: <u>ck</u>	931008556 1				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En	op Depth:	CLAY 0 15 ft			
Overburden Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation El Formation El	or: on Material: op Depth:	931008557 2 8 BLACK 15 LIMESTONE 15 75 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	961507995 1 Cable Tool			
<u>Pipe Informa</u> Pipe ID: Casing No: Comment: Alt Name:	<u>tion</u>	10578600 1			
<u>Construction</u> Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930052717 2 4 OPEN HOLE 75 4 inch ft			
<u>Construction</u> Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam		930052716 1 STEEL 20 4			

_

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing Diam			inch				
Casing Deptl	h UOM:		ft				
Results of W	ell Yield Te	esting					
Pump Test IL			991507995				
Pump Set At: Static Level:			30				
Final Level A		na.	30				
Recommend							
Pumping Rat							
Flowing Rate							
Recommend		late:					
Levels UOM:			ft				
Rate UOM: Water State A	Aftor Tost (odo:	GPM				
Water State A		Joue.					
Pumping Tes							
Pumping Dui							
Pumping Du	ration MIN:						
Flowing:			No				
Water Details	<u>S</u>						
Water ID:			933462316				
Layer:			1				
Kind Code:			1 FRESH				
Kind: Water Found	I Donth:		75				
Water Found		М:	ft				
13	1 of 1		SE/164.7	80.8 / 0.25			
					ON		WWIS
Well ID:		1507984	Ļ		Data Entry Status:		
Construction					Data Src:	1	
Primary Wate		Domesti	С		Date Received:	11/16/1951	
Sec. Water U Final Well Sta		0 Water Si	upply		Selected Flag: Abandonment Rec:	Yes	
Water Type:	alus.	Water O	uppiy		Contractor:	3601	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:	077.000	
Construction					County:	OTTAWA OTTAWA CITY	
Elevation (m) Elevation Rel					Municipality: Site Info:	OTTAWA CITY	
Depth to Bed					Lot:		
Well Depth:					Concession:		
Overburden/	Bedrock:				Concession Name:		
Pump Rate:	Laural				Easting NAD83:		
Static Water Flowing (Y/N					Northing NAD83: Zone:		
Flowing (1/N)	<i>.</i>				Zone: UTM Reliability:		
Clear/Cloudy	<i>ı</i> :				e i ili i tonubility i		
PDF URL (Ma	ap):		https://d2khazk8e8	3rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1507984.pdf	
Bore Hole Inf	formation						

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Code OB:	r			East83:	437650.7	
Code OB Des	sc: Bedro	ck		North83:	5022902	
Open Hole:				Org CS:		
Cluster Kind	:			UTMRC:	9	
Date Comple	ted: 7/27/1	951		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:					·	
Location Sou						
	t Location Source:					
	t Location Method					
	sion Comment:					
Supplier Con						
Overburden Materials Inte	<u>and Bedrock</u> erval					
Formation ID).	931008533				
		4				
Layer: Color:		4				
Color: General Colo						
General Cold Mat1:	Dr:	21				
Most Commo	on Motorial:	GRANITE				
Mat2:	Jii Walendi.	GRANITE				
Matz. Mat2 Desc:						
Matz Desc. Mat3:						
Mats. Mats Desc:						
Formation To	on Denth:	50				
Formation E		100				
	nd Depth UOM:	ft				
Formation El	na Deptri OOM.	n				
Overburden Materials Inte	and Bedrock erval					
Formation ID):	931008530				
Layer:		1				
Color:						
General Cold	or:					
Mat1:		05				
Most Commo	on Material:	CLAY				
Mat2:		13				
Mat2 Desc:		BOULDERS				
Mat3:						
Mat3 Desc:						
Formation To	op Depth:	0				
Formation E	nd Depth:	10				
Formation E	nd Depth UOM:	ft				
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval					
Formation ID		931008532				
Layer:		3				
Color:		5				
General Colo	nr.					
Mat1:		17				
Most Commo	on Material	SHALE				
Mat2:	material.					
Matz. Mat2 Desc:						
Matz Desc. Mat3:						
Mats: Mats Desc:						
	on Donth:	25				
Formation To						
Formation E		50 ft				
Formation El	nd Depth UOM:	п				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931008531			
Layer:		2			
Color: General Colo	~r·				
Mat1:	л.	11			
Most Commo	on Material:	GRAVEL			
Mat2:					
Mat2 Desc: Mat3:					
Mats. Mats Desc:					
Formation To	op Depth:	10			
Formation E	nd Depth:	25			
Formation E	nd Depth UOM:	ft			
	onstruction & Well				
<u>Use</u>					
Method Cons		961507984			
	struction Code:	1			
Method Cons Other Metho	struction: d Construction:	Cable Tool			
Pipe Informa	tion				
		40570500			
Pipe ID: Casing No:		10578589 1			
Casing No.		I			
Alt Name:					
Construction	n Record - Casing				
Casing ID:		930052694			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From: Depth To:		30			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
Constructior	n Record - Casing				
Casing ID:		930052695			
Layer:		2			
Material: Open Hole o	r Material·	4 OPEN HOLE			
Depth From:					
Depth To:		100			
Casing Diam	eter:	4			
Casing Diam Casing Dept	eter UOM:	inch ft			
Jasing Depti		n			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL		991507984			
Pumn Sat At					

Pump Test ID: Pump Set At:

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Level: Final Level A Recommende Pumping Rate Flowing Rate Recommende	ed Pump De te: e:	ig: epth:	25				
Levels UOM:		t	ít				
Rate UOM: Water State A Water State A	After Test:		GPM				
Pumping Tes Pumping Dur							
Pumping Du			A.L.				
Flowing:			No				
Water Details	8						
Water ID:			933462302				
Layer: Kind Code:			1 1				
Kind:		l	FRESH				
Water Found Water Found			95 ít				
	2000						
<u>14</u>	1 of 1		ESE/170.6	81.6 / 0.98	2841 Richmond Road Ottawa ON K2B 6C5		EHS
Order No:		20080331	001		Nearest Intersection:	Richmond and Pinecrest (major roads)	
Status: Report Type:		C Complete	Report		Municipality: Client Prov/State:	ON	
Report Date:		4/8/2008			Search Radius (km):	0.25	
Date Receive Previous Site		3/31/2008			X: Y:	-75.795635 45.357088	
Lot/Building					1.	-0.007000	
Additional In	fo Ordered:	l	Fire Insur. Maps And	d /or Site Plans			
<u>15</u>	1 of 1		E/182.3	81.9 / 1.29	826 Pinecrest Road Ottawa ON		EHS
Order No:		20130710	007		Nearest Intersection:		
Status: Report Type:		C Standard I	Report		Municipality: Client Prov/State:	ON	
Report Date:		18-JUL-13			Search Radius (km):	.25	
Date Receive		10-JUL-13			X:	-75.795152	
Previous Site Lot/Building					Y:	45.358383	
Additional In			Fire Insur. Maps and	I/or Site Plans			
	1 of 1		E/183.0	81.9 / 1.29	822 Pinecrest Rd		
<u></u>				*	Ottawa ON K2B6A9	4	EHS
Order No:		20130903	046		Nearest Intersection:		
Status:		C Standard I	Donort		Municipality:	Ottawa	
Report Type: Report Date:		Standard I 12-SEP-13			Client Prov/State: Search Radius (km):	ON .25	
Date Receive	ed:	04-SEP-13			X:	-75.795207	
Previous Site		683 m2			Y:	45.358532	
Lot/Building Additional In							

Мар Кеу	Number Records		ection/ stance (m)	Elev/Diff (m)	Site		D
<u>17</u>	1 of 1	WSV	V/202.7	71.1 / -9.47	2880 & 2900 Carling / Ottawa ON	Avenue	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20070322013 C CAN - Custom F 3/30/2007 3/22/2007 Fire In		d /or Site Plans	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	0.25 -75.800204 45.357094	
<u>18</u>	1 of 1	ENE	/204.7	81.6 / 1.04			BOR
					ON		DON
Borehole ID: OGF ID:		610918 215512428			Inclin FLG: SP Status:	No Initial Entry	
Status: Type: Use:		Borehole			Surv Elev: Piezometer: Primary Name:	No No	
Completion I Static Water Primary Wate	Level:	4.6			Municipality: Lot: Township:		
Sec. Water U Total Depth I	se:	-999			Latitude DD: Longitude DD:	45.359023 -75.795175	
Depth Ref: Depth Elev: Drill Method:		Ground Surface			UTM Zone: Easting: Northing:	18 437721 5023142	
Orig Ground Elev Reliabil DEM Ground	Note:	80.8 81.8			Location Accuracy: Accuracy:	Not Applicable	
Concession: Location D: Survey D: Comments:							
Borehole Ge	ology Strati	<u>ım</u>					
Geology Stra Top Depth:	ntum ID:	218386933 0			Mat Consistency: Material Moisture:		
Bottom Dept Material Colo		10.4 Sand			Material Texture: Non Geo Mat Type: Geologic Formation:		
<i>Material 1: Material 2: Material 3:</i>		Sanu			Geologic Formation: Geologic Group: Geologic Period:		
Material 4:					Depositional Gen:		
Gsc Material Stratum Deso		SAND					
Geology Stra Top Depth:	tum ID:	218386934 10.4			Mat Consistency: Material Moisture:	Hard	
Bottom Deptil.	h:				Material Texture:		
Material Colo	or:	Red			Non Geo Mat Type:		
Material 1: Material 2:		Bedrock Limestone			Geologic Formation: Geologic Group:		
Material 3: Material 4:					Geologic Period: Depositional Gen:		
Gsc Material	Descriptior cription:		001/11/200		TABLE AT 250.0 FEET.Y,HA		

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Source							
Source Type:		Data Surve	v		Source Appl:	Spatial/Tabular	
Source Orig:		Geological	Survey of Canada		Source Iden:	1	
Source Date:		1956-1972			Scale or Res:	Varies	
Confidence:		Н			Horizontal:	NAD27	
Observatio:					Verticalda:	Mean Average Sea Level	
Source Name					on System (UGAIS)		
Source Detail Confiden 1:	s:				0 NTS_Sheet: 31G05C complete description of materia	al and properties.	
Source List							
Source Identi	fior	1			Horizontal Datum:	NAD27	
Source Type:		Data Surve	V		Vertical Datum:	Mean Average Sea Level	
Source Type.		1956-1972	у		Projection Name:	Universal Transverse Mercator	
Scale or Reso	lution.	Varies			riojection Name.		
Source Name	:	L			on System (UGAIS)		
Source Origin	ators:		Seological Survey	of Canada			
<u>19</u>	1 of 1		WSW/206.7	74.4 / -6.19	Ottawa Transit <unof 2900 Carling Avenue Ottawa ON</unof 	FICIAL>	SPL
		E120 A000					
Ref No:		5120-AQQ	SNG		Discharger Report:		
Site No:		NA 8/20/2017			Material Group:	2 - Minor Environment	
Incident Dt: Year:		8/30/2017			Health/Env Conseq: Client Type:		
ncident Caus					Sector Type:	Unknown / N/A	
Incident Even		Leak/Break			Agency Involved:	OTINIOWIT/ N/A	
Contaminant		27			Nearest Watercourse:		
Contaminant		COOLANT	N.O.S.		Site Address:	2900 Carling Avenue	
Contaminant					Site District Office:	Ottawa	
Contam Limit					Site Postal Code:		
Contaminant		n/a			Site Region:	Eastern	
Environment	Impact:				Site Municipality:	Ottawa	
Nature of Imp	act:				Site Lot:		
Receiving Me	dium:				Site Conc:		
Receiving En	v:	Land			Northing:	5022916.58	
MOE Respons	se:	No			Easting:	437299.8	
Dt MOE Arvl o	on Scn:				Site Geo Ref Accu:		
MOE Reporte		8/30/2017			Site Map Datum:		
Dt Document					SAC Action Class:	Land Spills	
Incident Reas	ion:	Equipment			Source Type:	Other	
Site Name:		R	load <unofficia< td=""><td>_></td><td></td><td></td><td></td></unofficia<>	_>			
Site County/D							
Site Geo Ref I		0				_	
Incident Sum				U L coolant to roa	d, some into CB, clnup ongno)	
Contaminant	Qty:	2	0 L				
<u>20</u>	1 of 1		NW/225.7	66.9/-13.71	04		wwis
M-11 1D		1500540			ON		
Well ID: Construction	Data	1508548			Data Entry Status:	1	
Construction		Municipal			Data Src:	1 9/14/1954	
Primary Wate Sec. Water Us		Municipal 0			Date Received:	9/14/1954 Yes	
Sec. water Us Final Well Sta		0 Water Supp	alv		Selected Flag: Abandonment Rec:	100	
Water Type:		water Supp	лу		Contractor:	3114	
Casing Materi	ial·				Form Version:	1	
Audit No:	·u/.				Owner:	•	
Tag:					Street Name:		
3.							

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Construction Elevation (m Elevation Re Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy): Iliability: drock: /Bedrock: Level: I):			County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA OTTAWA CITY
PDF URL (M	ap):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1508548.pdf

Bore Hole Information

DP2BR:2Spatial Status:Code OB:rCode OB Desc:BOpen Hole:Cluster Kind:	Bedrock /10/1954 urce: thod:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	64.524368 18 437350.7 5023212 5 margin of error : 100 m - 300 m p5
Overburden and Bedrock Materials Interval			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM	931009949 1 02 TOPSOIL 0 2 1: ft		
<u>Overburden and Bedrock</u> <u>Materials Interval</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931009950 2 15 LIMESTONE		
Mats Desc: Formation Top Depth:	2		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Formation End		72 ft			
<u>Method of Cor</u> <u>Use</u>	struction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	961508548 1 Cable Tool			
<u>Pipe Informati</u>	<u>on</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579152 1			
Construction I	Record - Casing				
Casing ID: Layer: Material:		930053807 2 4			
Open Hole or I Depth From:	Material:	OPEN HOLE			
Depth To: Casing Diamer Casing Diamer Casing Depth	ter UOM:	72 4 inch ft			
Construction I	Record - Casing				
Casing ID:	-	930053806			
Layer: Material: Open Hole or I	Material:	1 1 STEEL			
Depth From: Depth To: Casing Diamet Casing Diamet		22 4 inch			
Casing Depth		ft			
Results of Wel	ll Yield Testing				
Pump Test ID: Pump Set At:		991508548			
Static Level: Final Level Aft Recommended	er Pumping: d Pump Depth:	14			
Pumping Rate Flowing Rate: Recommended	:	5			
	ter Test Code:	ft GPM 1			
Water State Af Pumping Test Pumping Dura	Method: tion HR:	CLEAR 1 0			
Pumping Dura Flowing:	tion MIN:	30 No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933463085 1 1 FRESH 70 ft			
<u>21</u>	1 of 1	NW/225.7	66.9/-13.71	ON	BOR
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water I Primary Wate Sec. Water U Total Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	21: Bo Date: JU Level: -15 er Use: r: 21: Gru Gru Elev m: 64 Note: 64	.9 ound Surface		Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 45.35962 -75.799908 18 437351 5023212 Not Applicable
Borehole Geo Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	0 h: .6 or: So Description:	8386944 il SOIL.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	ntum ID: 218 .6 h: 21. pr: Re Lin	8386945 9		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Hard

<u>Source</u>

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

· · · · · ·	Number of Records	Direction/ Distance (m	Elev/Diff) (m)	Site		D
Confidence: Observatio: Source Name: Source Details: Confiden 1:			Automated Informat ixt RecordID: 0343	Horizontal: Verticalda: ion System (UGAIS) I NTS_Sheet:	NAD27 Mean Average Sea Level	
Source List						
Source Identifier	r: 1			Horizontal Datum:	NAD27	
Source Type:	Data S			Vertical Datum:	Mean Average Sea Level	
Source Date: Scale or Resolut	1956-19 tion: Varies	972		Projection Name:	Universal Transverse Mercator	
Scale of Resolut	ION: valles	Urban Geology A	utomated Informat	ion System (UGAIS)		
Source Originate	ors:	Geological Surve				
<u>22</u> 1 0	of 1	ESE/231.7	81.9 / 1.29			ww
				ON		
Well ID:	150864	10		Data Entry Status:		
Construction Da				Data Src:	1	
Primary Water U Sec. Water Use:		tic		Date Received: Selected Flag:	1/14/1958 Yes	
Sec. Water Ose: Final Well Status		Supply		Abandonment Rec:	Tes	
Water Type:		e app.)		Contractor:	3566	
Casing Material:				Form Version:	1	
Audit No:				Owner:		
Tag: Construction Me	thod.			Street Name: County:	ΟΤΤΑΨΑ	
Elevation (m):	anou.			Municipality:	OTTAWA CITY	
Elevation Reliab	ility:			Site Info:		
Depth to Bedroc	sk:			Lot:		
Well Depth: Overburden/Bed	lrock:			Concession: Concession Name:		
Pump Rate:	NOCK.			Easting NAD83:		
Static Water Lev	rel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Map):		https://d2khazk8	e83rdv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1508640.pdf	
Bore Hole Inforn	nation					
Bore Hole ID:	100306	574		Elevation:	85.899543	
DP2BR:	60			Elevrc:	40	
Spatial Status: Code OB:	r			Zone: East83:	18 437750.7	
Code OB Desc:	Bedroc	k		North83:	5022922	
Open Hole:				Org CS:		
Cluster Kind:	0.00.110			UTMRC:	5	
Date Completed: Remarks:	: 9/30/19	157		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m p5	
Elevrc Desc:					P2	
Location Source						
Improvement Lo						
Improvement Lo Source Revision						
Supplier Comme						
••						
Overburden and	Bedrock					
Materials Interva						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID	:	931010209			
Layer: Color:		1			
General Colo	r:				
Mat1:		09			
Most Commo	n Material:	MEDIUM SAND			
Mat2: Mat2 Desc:					
Mat2 Desc. Mat3:					
Mat3 Desc:					
Formation To	p Depth:	0			
Formation En	nd Depth: nd Depth UOM:	60 ft			
FORMALION EN	а Берин ООм.	π			
<u>Overburden a</u> Materials Inte					
Formation ID	:	931010210			
Layer:		2			
Color: General Colo	r-				
Mat1:		15			
Most Commo	n Material:	LIMESTONE			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To	p Depth:	60			
Formation En	d Depth:	198			
Formation En	d Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	961508640			
	truction Code:	1			
Method Cons Other Method	truction: I Construction:	Cable Tool			
Pipe Informat	tion				
Pipe ID:		10579244			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930053979			
Layer:		2			
Material: Open Hole or	Matorial	4 OPEN HOLE			
Depth From:	material.				
Depth To:		198			
Casing Diame		5 			
Casing Diame Casing Depth		inch ft			
Construction	<u>Record - Casing</u>				
Cosina ID.		930053978			
Casing ID: Layer:		930053978			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Material:			1				
Open Hole o			STEEL				
Depth From:			00				
Depth To:			60 5				
Casing Diam			5 inch				
Casing Diam Casing Dept			ft				
Results of W	ell Yield Te	esting					
Pump Test IL	D:		991508640				
Pump Set At	:						
Static Level:			70				
Final Level A	fter Pumpi	ng:	100				
Recommend	ed Pump D	epth:					
Pumping Rat			5				
Flowing Rate							
Recommend		ate:					
Levels UOM:			ft				
Rate UOM:	After Teet	De de l	GPM				
Nater State / Nater State /		Joae:	1 CLEAR				
Pumping Tes			1				
Pumping Du			1				
Pumping Du			0				
Flowing:			No				
Water Details	S						
Water ID:			933463250				
Layer:			955465250				
Layer. Kind Code:			1				
Kind:			FRESH				
Water Found	l Depth:		198				
Water Found	•	М:	ft				
<u>23</u>	1 of 1		WSW/239.8	69.8 / -10.77	City of Ottawa Carling Street / Ritchi Ottawa ON	ie Street <unofficial></unofficial>	SPL
Ref No:		6554-6	EQLU3		Discharger Report:	0	
Site No:					Material Group:	Öil	
Incident Dt:		7/28/20	005		Health/Env Conseq:		
Year:					Client Type:		
Incident Cau	se:	Pipe O	r Hose Leak		Sector Type:	Other Motor Vehicle	
Incident Eve	nt:				Agency Involved:		
Contaminant	t Code:				Nearest Watercourse:		
Contaminant		DIESE	L FUEL		Site Address:		
Contaminant					Site District Office:	Ottawa	
Contam Limi					Site Postal Code:		
Contaminant		NI-1 A	1		Site Region:	0#200	
Environment			ticipated e Water Pollution		Site Municipality:	Ottawa	
Nature of Imp Receiving M		Water	e vvaler Pollution		Site Lot: Site Conc:		
Receiving Me Receiving Er		water					
Receiving Er MOE Respor					Northing: Easting:		
Dt MOE Respon					Site Geo Ref Accu:		
MOE Reporte		7/28/20	005		Site Geo Rei Accu: Site Map Datum:		
Dt Documen		1/20/20			SAC Action Class:	Spills to Watercourses	
Incident Rea					Source Type:		
Site Name:			Carling Street / Rite	chie Street <unof< td=""><td></td><td></td><td></td></unof<>			
Site Countv/	District:						

Incident Reason: Site Name: Site County/District: Site Geo Ref Meth:

Map Key Numbe Record		Elev/Diff n) (m)	Site		D
Incident Summary: Contaminant Qty:	OC Transpo, <1	-L diesel to sewer			
24 1 of 1	S/242.1	79.6 / -1.02	HOMESTEAD LAND 2881 RICHMOND RD OTTAWA ON K2B7Z		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON4492950 Registered As of Dec 2018		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	212 L Aliphatic solvent	s and residues			
25 1 of 1	ENE/244.6	81.9 / 1.29	ON		BOR
Borehole ID: OGF ID: Status: Type: Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev m: Elev Reliabil Note: DEM Ground Elev m: Concession: Location D: Survey D: Comments:	610916 215512426 Borehole OCT-1965 7.7 Ground Surface 91.4 82.9		Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 45.358848 -75.794535 18 437771 5023122 Not Applicable	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Descriptio Stratum Description: Geology Stratum ID: Top Depth: Bottom Depth: Material Color:	218386925 1.5 2.3 Red Clay Silt Sand	ID. HARD,STIFF,FIS	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: SURED. Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:	Hard	

Material 3: SIN Geologic Period: Depositional Gen: Gas Material Description: UNSPECIFIED.TILL.SILT. Geology Stratum ID: 1338923 Material Moisture: For Dophin: For Site Site Site Site Site Site Site Site	Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Material 4:Depositional Gen:Stratum Description:UNSPECIFIED,TILL, SILT.Geology Stratum ID:218386929Mat Consistency:Geology Stratum ID:218386929Material Moisture:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Material IC:BadrockGeologic Group:Stratum Description:BEDROCK.Geologic Group:Geology Stratum ID:21835934Material Moisture:Top Depth:1.5Material Moisture:Material IC:Claxy Stratum IC:1385947Material IC:Geologic Group:Material IC:Claxy Stratum IC:1385947Material IC:Geologic Group:Material IC:Claxy Stratum IC:1385947Material IC:Claxy Stratum ID:1385947Material IC:Claxy Stratum ID:1385947Material IC:Claxy Stratum ID:1385947Material IC:Claxy Stratum ID:1983947Material IC:Claxy Stratum ID:1983947	Material 2:		Till			Geologic Group:	
Sac Material Description: UNSPECIFIED.TILL, SUT. " Seology Stratum De 218336929 Mat Consistency: 4.7 Material Texture: 4.7 Material Tex	Material 3:		Silt			Geologic Period:	
Stratum Description: UNSPECIFIED.TILL, SILT. Geology Stratum ID: 218396929 Material Moisture: For Depth: 4.2 Material Moisture: Bottom Depth: 6.2 Material Coture: Material Cite Geologic Formation: Material 1: Bedrock Geologic Formation: Material 2: Geologic Formation: Geologic Formation: Sor Material Description: BEDROCK. Hard Geologic Stratum ID: 218396924 Material Moisture: Sor Material Description: BEDROCK. Hard Geologic Stratum ID: 218396924 Material Moisture: Material 1: City Geologic Formation: Material 2: Sin Material Moisture: Material 1: City Geologic Formation: Sort Material Description: Clary, SiLT, SAND. BROWN, GREY, HARD. Dense Geologic Stratum ID: 218396927 Material Moisture: Dense Sort Material Description: Clary, SiLT, SAND. BROWN, GREY, HARD. Dense Geologic Stratum ID: 218396927 Material Moisture: Dense Sort Material Description: Clary, SiLT, SAND. BROWN, GREY, HARD. Dense Geologic Stratum ID: 218396923 Material Moisture: Dense	Material 4:					Depositional Gen:	
Goology Stratum ID: 2193366929 Material Moisture: Material Color: Material Color: Material Color: Material Color: Material 2: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Betrature: Set Material 4: Depositional Gen: Set Material 4: Geologic Group: Betrature: Betrature: Top Depth: Betrature: Non Geo Mat Type: Geologic Group: Betrature: Betrature: Betrature: Betrature: Betrature: Betrature: Stratum Description: Hard 1 15 Material Moisture: Betrature:	Gsc Material	Description	n:			-	
Top Depth: 4.7 Material Moisture: Material Color: Material Texture: Material Color: Geologic Formation: Material 1: Bedrock Geologic Formation: Material 2: Geologic Formation: Material 3: Depositional Gen: Sc Material 4: Depositional Gen: Sc Material 5: BEDROCK. Geologic Formation: 135 Statum Description: 8 Solton Depth: 1.5 Material 7: Clay Geologic Formation: Material Network: Material 1: Clay Geology Stratum ID: 218386927 Material 3: Sand Geologic Formation: Geologic Formation: Material 4: Depositional Gen: Geology Stratum ID: 218386927 Material 3: Clay.SILT.SAND. BROWN.GREY.HARD. Geology Stratum ID: 21836927 Material 4: Depositional Gen: Geology Group: Material Moisture: Material 1: Geology Group: Material 1: Geology Gro	Stratum Desc	cription:		UNSPECIFIED, TILL	., SILT.		
Top Depth: 4.7 Material Moisture: Material Color: Material Texture: Material Color: Geologic Formation: Material 1: Bedrock Geologic Formation: Material 2: Geologic Formation: Material 3: Depositional Gen: Sc Material 4: Depositional Gen: Sc Material 5: BEDROCK. Geologic Formation: 135 Statum Description: 8 Solton Depth: 1.5 Material 7: Clay Geologic Formation: Material Network: Material 1: Clay Geology Stratum ID: 218386927 Material 3: Sand Geologic Formation: Geologic Formation: Material 4: Depositional Gen: Geology Stratum ID: 218386927 Material 3: Clay.SILT.SAND. BROWN.GREY.HARD. Geology Stratum ID: 21836927 Material 4: Depositional Gen: Geology Group: Material Moisture: Material 1: Geology Group: Material 1: Geology Gro	Geology Stra	tum ID:	21838692	29		Mat Consistency:	
Material Color: Material Color: Material 2: Material 3: So Material 3: BedrockNon Geo Mat Type: Geologic Formation: Geologic Formation: Depositional Gen: So Material 4: Depositional Gen: So Material 10 So Material 10 So Material 10 Description: Stratum Description: Stratum Descript	Top Depth:		4.7			Material Moisture:	
Material 1:BedrockGeologic Formation:Material 3:Geologic Group:Gas Material 4:Depositional Gen:Gas Material 4:Depositional Gen:Gas Material 7:BEDROCK.Gas Material A:Material Moisture:Gas Material Color:BrownMaterial Color:BrownMaterial Color:BrownMaterial 1:ClayGas Material 1:ClayGas Material 1:ClayGas Material 1:ClayGas Material 1:ClayGas Material 1:ClayGas Material 2:ClayGas Material 2:ClayGas Material 3:ClayGas Material 3:ClayGas Material 3:ClayGas Material 4:Depositional Gen:Stratum Description:CLAY, SILT, SAND. BROWN, GREY, HARD.Stratum Description:ClayGas Material 1:UnknownGas Material 1:UnsnownGas Material 1:Gas Material Moisture:	Bottom Deptl	h:	6.2			Material Texture:	
Material 2:Geologic Group: Material 4:Geologic Period: Depositional Gen: Geologic Period:Sce Material 10escription:EEDROCK.Geology Stratum 10:218386924Material Moisture: Material Moisture:Sch Material Description:EEDROCK.Battom Depth:1.5Material Moisture: Geologic Formation: Material 11:ClayGeologic Formation: Geologic Formation: Material 2:HardMaterial 2:SintGeologic Formation: Depth:Sch Material 2:SintGeologic Formation: Depth:Sch Material 2:SintGeologic Formation: Depth:Sch Material 2:SandGeologic Formation: Depth:Sch Material 2:SintDepshitional Gen: Depth:Sch Material 2:SandMaterial Period: Material 2:Sch Material 2:218386927Material Period: Material 2:Sch Material 2:ClayGeologic Formation: Material 2:Geology Stratum 10:218386927Material 7: Material 2:Geology Stratum 10:218386923Material Moisture: Depsh: Material 1:Geology Stratum 10:218386923Material Moisture: Depsh: Material 1:Geology Stratum 10:218386923Material Moisture: Depsh: Material 1:Geology Stratum 10:218386923Material Moisture: Depsh: Material 1:Geology Stratum 10:218386923Material Moisture: Material 1:Geology Stratum 10:218386923Material Moisture: Material 1:Geologic Formation: Material 2: <t< td=""><td>Material Colo</td><td>or:</td><td></td><td></td><td></td><td>Non Geo Mat Type:</td><td></td></t<>	Material Colo	or:				Non Geo Mat Type:	
Material 3: Geologic Period: Depositional Gen: Got Material Description: BEDROCK. Geology Stratum D: 218389924 Material A: Material Moisture: Bottom Depth: 1.5 Material Color: Brown Geologic Formation: Geologic Formation: Material 3: Sand Geologic Formation: Material 1: Clay Geologic Formation: Material 1: Clay. Geologic Formation: Material 1: Depositional Gen: Geologic Formation: Sof Material Description: CLAY.SILT.SAND. BROWN.GREY.HARD. Dense Geology Stratum D: 21838927 Material Moisture: Material 1 Unknown Geologic Formation: Material 1: Unknown Geologic Formation: Material 1: Unknown Geologic Formation: Statum Description: UNSPECIFIED.TILL, CLAY. DENSE: Geologic Formation: Statum Description: Visod Fragments Geologic Formation: Statum Description: ArtificIAL_COAL, CINDERS, WOOD Geologic Formation: Statum Description:	Material 1:		Bedrock			Geologic Formation:	
Material 4:	Material 2:					Geologic Group:	
Gac Material Description: BEDROCK. Geology: Stratum D: 218348924 Material Moisture: Top Depth: 3 Material Moisture: Bottom Depth: 1.5 Material Texture: Material Color: Brown Non Geo Mat Type: Material Color: Brown Geologic Formation: Material 2: Sint Geologic Period: Material 1: Clay Geologic Period: Material 2: Sint Geologic Period: Soft Material Description: CLAY,SILT,SAND. BROWN,GREY,HARD. Dense Geology: Stratum DP: 218386927 Material Moisture: Material 1: Unknown Geologic Formation: Material 2: Till Geologic Formation: Material 1: Unknown Geologic Formation: Material 2: Till Geologic Formation: Material 1: Unknown Geologic Formation: Material 2: Till Geologic Formation: Stratum Description:: UNSPECIFIED,TILL, CLAY, DENSE: Geologic Formation: Goology Stratum D: 218306923 Material Moisture: Geologic F	Material 3:					Geologic Period:	
Stratum Description: BEDROCK. Geology Stratum ID: 218386924 Material Moisture: Bottom Depth: 1.5 Material Moisture: Bottom Depth: 1.5 Material Moisture: Bottom Depth: 1.5 Material Moisture: Material Color: Trown Non Geo Mat Type: Material 2: Sint Geologic Formation: Material 3: Sand Geologic Formation: Material 3: Sand Geologic Formation: Stratum Description: CLAY,SILT,SAND. BROWN,GREY,HARD. Dense Geologic Stratum ID: 218386927 Material Moisture: Stratum Description: CLAY,SILT,SAND. BROWN,GREY,HARD. Dense Geologic Stratum ID: 218386923 Material Texture: Material 1 Unknown Geologic Formation: Material 2: Till Geologic Formation: Stratum Description: UNSPECIFIED,TILL, CLAY. DENSE. Geologic Formation: Stratum Description: UNSPECIFIED,TILL, CLAY. DENSE. Material Moisture: Geologic Stratum ID: 218386923 Material Moisture: Geologic Formation: Geologic Formation: Material 1 Geologic Formation: Material 1 Geologic Formation: Material 1	Material 4:					Depositional Gen:	
Geology Stratum ID: 218386924 Mat Consistency: Hard Top Depth: 1.5 Material Moisture: Material Color: Brown Non Geo Mat Type: Material I2: Cisy Geologic Formation: Material 2: Sitt Geologic Group: Material 3: Sand Geologic Group: Material 4: Description: Stratum Description: CLAY, SILT, SAND. BROWN, GREY, HARD. Geology Stratum ID: 218386927 Mat Consistency: Dense Top Depth: 4.6 Material Moisture: Material 3: Clay Material Moisture: Material 3: Clay Geologic Group: Material 4: Description: UNSPECIFIED, TILL, CLAY. DENSE. Geology Stratum ID: 218386923 Mat Consistency: Dense Geology Stratum ID: 218386923 Mat Consistency: Dense Top Depth: 4.6 Material Moisture: Geologic Formation: Material 3: Clay Geologic Formation: Material 4: Description: UNSPECIFIED, TILL, CLAY. DENSE. Geologic Formation: Geologic Formation: Material 1: UNSPECIFIED, TILL, CLAY. DENSE. Geologic Formation: Material 1: Geologic Formation: Material 1: Geologic Formation: Material 2: Coal fragments Geologic Formation: Material 1: Geologic Formation: Material 1: Geologic Formation: Material 2: Coal fragments Geologic Formation: Material 1: Geologic Formation: Material 2: Coal fragments Geologic Formation: Material 2: Geologic Formation:	Gsc Material	Description	n:				
Top Depth: 1.5 Material Moisture: Material I Color: Brown Non Geo Mat Type: Material I Color: Brown Non Geo Mat Type: Material I Color: Brown Geologic Gromp: Material I S: Sand Geologic Group: Material I S: Sand Geologic Group: Material I S: Sand Geologic Period: Material I Description: CLAY,SILT,SAND. BROWN,GREY,HARD. Dense Geology Stratum ID: 218386927 Material Material Moisture: Top Dopth: 4.6 Material Toxture: Material I S: Unknown Geologic Formation: Material I S: Unknown Geologic Group: Material I S: Unknown Geologic Group: Material I S: Clay Geologic Group: Material I S: UNSPECIFIED,TILL, CLAY. DENSE: Geologic Period: Statum Description: UNSPECIFIED,TILL, CLAY. DENSE: Geologic Formation: Material I Description: J Material Toxture: Statum Description: UNSPECIFIED,TILL, CLAY. DENSE: Geologic Formation: Material I Description: Sta	Stratum Desc	cription:		BEDROCK.			
Boirom Depth: 1.5 Material Texture: Material Cio: Brown Non Geo Mat Type: Material 1: Clay Geologic Formation: Material 2: Sitt Geologic Croup: Material 3: Sand Geologic Croup: Material 4: Depositional Gen: Saratum Description: Geology Stratum ID: 218386927 Material Moisture: Bottom Depth: 3.8 Material Moisture: Bottom Depth: 4.6 Material Moisture: Material 1: Unknown Geologic Formation: Material 3: Clay Geologic Formation: Material 3: Clay Geologic Formation: Material 7: Unknown Geologic Formation: Material 7: Unknown Geologic Formation: Material 3: Clay Geologic Formation: Material 3: Clay Geologic Formation: Material 1: Unknown Geologic Formation: Material 3: Clay Geologic Formation: Material 3: Clay Geologic Formation: Material 1: UNSPECIFIED, TILL, CLAY. DENSE Geology Stratum ID: 218386923 Material Moisture: Geology Stratum ID: 218386923 Material Moisture: Material 4: Non Geo Mat Type: Material 2: Coal fragments Geologic Croup: Material 2: Coal fragments Geologic Croup: Material 4: Wood Fragments Geologic Croup: Material 1: ATIFICIAL,COAL, CINDERS,WOOD: Geology Stratum ID: 218386930 Material Moisture: Geologic Group: Material 4: Geologic Group: Material 4: Geologic Group: Material 1: Bedrock Geologic Group: Material 1: Bedrock Geologic Group: Material 1: Geologic Group: Material 1: BEDROCK. 000000000000000000000000000000000000	Geology Stra	tum ID:	21838692	24		Mat Consistency:	Hard
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Material 2: Coal fragments Geologic Group: Material 3: Granuls Geologic Period: Material 4: Wood Fragments Depositional Gen: Gsc Material Description: ARTIFICIAL,COAL, CINDERS,WOOD. Fragments Stratum Description: ARTIFICIAL,COAL, CINDERS,WOOD. Material Moisture: Geology Stratum ID: 218386930 Material Moisture: Bottom Depth: 6.2 Material Texture: Material Color: Non Geo Mat Type: Material 1: Bedrock Geologic Group: Material 2: Geologic Period: Material 3: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description: BEDROCK.0000007000250120007500400150028 Stratum Description: BEDROCK.00000007000250120007500400150028 Stratum Description: Stratum Descripti	Material Colo	or:				Non Geo Mat Type:	
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Gsc Material 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: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 0000000700025012000750040012500600150028 Geology Stratum ID: 218386926 Mat Consistency: Soft Geology Stratum ID: 218386926 Mat Consistency: Soft Top Depth: 2.3 Material Moisture: Soft	Material 3:					Geologic Period:	
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: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 0000000700025012000750040012500600150028 O00000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Mat Consistency: Soft Top Depth: 2.3 Xaterial Moisture:	Material 4:		Wood Fra	agments		Depositional Gen:	
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: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **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: Soft			ı:	ARTIFICIAL COAL	CINDERS WOOD)	
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: Sc Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 0000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **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: Soft		•	040000-		0.102110,0001		
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: Scs Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **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: Soft		tum ID:		30			
Material Color: Non Geo Mat Type: Material 1: Bedrock Material 2: Geologic Formation: Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 0000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Material Moisture: Soft							
Material 1: Bedrock Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Material 3: Geologic Period: Depositional Gen: Gsc Material Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Mat Consistency: Material Moisture: Soft			1.1				
Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Top Depth: 2.3		or:	.				
Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Mat Consistency: Soft Top Depth: 2.3			Bedrock				
Material 4: Depositional Gen: Gsc Material Description: BEDROCK. 000000700025012000750040012500600150028 Stratum Description: BEDROCK. 000000000000000000000000000000000000	Material 2:						
Gsc Material Description: Stratum Description: Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 Mat Consistency: Soft Material Moisture: Soft	Material 3:					0	
Stratum Description: BEDROCK. 000000700025012000750040012500600150028 000000050006503600150123002001620027508700 **Note: Many records provided by the department have a truncated [Stratum Description] field. Geology Stratum ID: 218386926 2.3 Mat Consistency: Material Moisture: Soft						Depositional Gen:	
000000050006503600150123002001620027508700 **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: Soft		•	1:				
Top Depth: 2.3 Material Moisture:	Stratum Desc	cription:		0000000500065036	00150123002001		ny records provided by the department have a
Top Depth: 2.3 Material Moisture:	Geoloav Stra	tum ID:	21838692	26		Mat Consistency:	Soft
				-			
		h:	3.8			Material Texture:	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	Description		CLAY,SILT. BROWN	I,GREY,VERY S	Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: OFT.		
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail Confiden 1:	r:	1956-1972 H	Survey of Canada Urban Geology Auto File: OTTAWA1.txt F	RecordID: 034240	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: n System (UGAIS) NTS_Sheet: 31G05C mplete description of mater	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level ial and properties.	
Source List							
Source Identi Source Type: Source Date:	,	1 Data Surv 1956-1972			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Scale or Reso Source Name Source Origir);		Urban Geology Auto Geological Survey o		n System (UGAIS)		
<u>26</u>	1 of 1		E/249.6	81.9/1.29	838 PINEWOOD CRE OTTAWA ON K2B 8B		EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Inf	d: Name: Size:	4/2/2007 3/22/2007	026 stom Report Fire Insur. Maps And	I /or Site Plans	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	0.25 -75.793962 45.357977	

Unplottable Summary

Total: 35 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	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	
СА	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	
СА	Urbandale Corporation	Part of Lot 20, Concession 1	Ottawa ON	
СА	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
СА	Minto Developments Inc.	Lot 19, Concession 1	Ottawa ON	
СА	City of Ottawa	Richmond Road	Ottawa ON	
СА	Village Square Mall	Regional Road No. 13	Ottawa ON	
СА		Richmond Road	Ottawa ON	
СА	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	
СА	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></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

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City:** Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

7-1008-85-006 85 11/15/85 Municipal water Approved

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

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

3-1624-98-98 11/17/1998 Municipal sewage Approved

Site: R.M. OF OTTAWA-CARLETON LOTS 20-23, CONCESSION 1 OTTAWA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

3-1503-94-94 12/23/1994 Municipal sewage Approved

Database: CA

NON-PROFIT HOUSING CORPORATION RICHMOND RD.NON-PROFIT HOUSING OTTAWA CITY ON Certificate #:

Site:

7-0925-87-



Database:

CA



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

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

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

<u>Site:</u> OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON

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

<u>Site:</u> WESMAR HOMES LTD. CARLING AVE. NEPEAN CITY ON

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

Database: CA

> Database: CA

<u>Site:</u> COMPUTING DEVICES COMPANY RICHMOND RD. NEPEAN CITY ON

3-1688-87-87

9/17/1987

Approved

Municipal sewage

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Urbandale Corporation Part of Lot 20, Concession 1 Ottawa ON

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

Database: CA

<u>Site:</u> Minto Developments Inc. Lot 19, Concession 1 Ottawa ON

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

<u>Site:</u> Urbandale Corporation Part of Lot 20, Concession 1 Ottawa ON

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

56

Database:

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

<u>Site:</u> City of Ottawa Carling Avenue (Road allownce) Ottawa ON

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

Database: CA

Database:

CA

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u>

1915-5L8Q54 2003 5/7/2003 Municipal and Private Sewage Works Approved

<u>Site:</u> City of Ottawa Richmond Road Ottawa ON

Minto Developments Inc.

Lot 19, Concession 1 Ottawa ON

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

<u>Site:</u> Village Square Mall Regional Road No. 13 Ottawa ON

Certificate #: Application Year: 7752-4VBMMJ 01 Database: CA

erisinfo.com | Environmental Risk Information Services

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

Site:

Richmond Road Ottawa ON

Database:

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
Client City:	Ottawa

<u>Site:</u> OTTAWA CITY RICHMOND ROAD OTTAWA CITY ON

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

<u>Site:</u> L.SIPOLINS HIGH ST. OTTAWA CITY ON

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

<u>Site:</u> City of Ottawa Richmond Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6859-5X8K46 2004 3/23/2004 Municipal and Private Sewage Works Approved

<u>Site:</u> City of Ottawa From Richmond Road to Harwood Ave Ottawa ON

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

<u>Site:</u> City of Ottawa Richmond Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

7893-5NLQJH 2003 6/18/2003 Municipal and Private Sewage Works Approved

<u>Site:</u> City of Ottawa Carling Ave Ottawa ON

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

59

Database: CA

Database: CA

Database: CA



<u>Site:</u> COMPUTING DEVICES COMPANY RICHMOND RD. NEPEAN CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

7-1397-87-87 9/17/1987 Municipal water Approved

<u>Site:</u> R.M. OF OTTAWA-CARLETON PINECREST RD., WEST TRANSITWAY NEPEAN CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site:

3-0011-99-99 2/22/1999 Municipal sewage Approved

Database:

CA

Database: CA

Appleton Subdivision Part of Lot 21, Concession 2 Ottawa ON

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

Appleton Subdivision Part of Lot 21, Concession 2 Ottawa ON

Certificate #: Application Year: Issue Date:

Site:

7361-55UJ9V 02 1/2/02 Database: CA

60

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

<u>Site:</u> City of Ottawa Carling Ave Ottawa ON K2G 6J8

Database: ECA

Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:	MUNICIPAL AND PRIV	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: P PRIVATE SEWAGE WORKS /ATE SEWAGE WORKS	
	elopments Inc. acession 1 Ottawa ON K1R 7Y2		Database: ECA
Approval No:	7864-5L2TU4	MOE District:	
Approval Date:	2003-04-14	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source: SWP Area Name:	IDS	Geometry X: Geometry Y:	
Approval Type:	ECA-Municipal and Pri		
Project Type:	Project Type: Municipal and Private Water Works		
Address:	Lot 19, Concession 1		
Full Address: Full PDF Link:			
Site: City of Otta	iwa		Database:
/	e Ottawa ON K2G 6J8		ECA
Approval No:	3723-9ATJC6	MOE District:	
Approval Date:	2013-08-30	City:	
Status:	Approved	Longitude:	
Record Type: Link Source:	ECA IDS	Latitude:	
SWP Area Name:	105	Geometry X: Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND	PRIVATE SEWAGE WORKS	
Project Type:		ATE SEWAGE WORKS	
Address:	Carling Ave		
Full Address:	Ũ		
Full PDF Link:	https://www.accessenv	rironment.ene.gov.on.ca/instruments/9325-9AMR2C-14.pdf	
	N-HEALTH&WELFARE CAN.MED.16 NT#25,RM B-16, CARLING AVE. K.W.	-303 NEATBY BLDG., C/O 301 ELGIN ST. OTTAWA ON K1A 0L3	Database: GEN
Generator No:	ON0095617	PO Box No:	
Status:			
Approval Years:	92,93,94,95,96,97	Country: Choice of Contact:	

Contam. Facility: MHSW Facility: SIC Code: SIC Description:

8635 PUB. HEALTH CLINICS

312

Co Admin: Phone No Admin:

Detail(s)

Waste Class: Waste Class Desc:

PATHOLOGICAL WASTES

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

Location ID:	9655
Туре:	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

Ref No: Site No:	7707-5XRK48	Discharger Report: Material Group:	Chemical
Incident Dt: Year:	4/5/2004	Health/Env Conseq: Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Other
Incident Event: Contaminant Code:	27	Agency Involved: Nearest Watercourse:	
Contaminant Name:	COOLANT (N.O.S.)	Site Address:	
Contaminant Limit 1: Contam Limit Freg 1:		Site District Office: Site Postal Code:	Ottawa
Contaminant UN No 1:		Site Region:	Eastern
Environment Impact:	Possible	Site Municipality:	Ottawa
Nature of Impact: Receiving Medium:	Soil Contamination Land	Site Lot: Site Conc:	
Receiving Env:		Northing:	
MOE Response: Dt MOE Arvl on Scn:		Easting: Site Geo Ref Accu:	
MOE Reported Dt:	4/5/2004	Site Geo Rei Accu: Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills
Incident Reason: Site Name:	Equipment Failure CARLING AVE., IN FRONT OF WEST	Source Type:	
Site County/District:	CAREING AVE., INTRONT OF WEST	OATE SHOLT ING CENTR	
Site Geo Ref Meth: Incident Summary: Contaminant Qty:	OC Transpo,7 L antifreeze into storm s 7 L	sewer,works	

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

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

Database: SPL

Database:

PRT

Database: SPL

Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

4/14/1993

LAND

CORROSION

Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:

MCCR

EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND TANK

TEXACO Site: RICHMOND RD. SERVICE STATION OTTAWA CITY ON

Ref No: 14431 Discharger Report: Material Group: Site No: 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: NOT ANTICIPATED 20101 Environment Impact: Site Municipality: 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: 2/2/1989 MOE Reported Dt: 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:

Site: OTTAWA TRANSIT CARLING AVENUE BUS OTTAWA ON

Contaminant Qty:

Ref No:	187680	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/29/2000	Health/Env Conseg:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Code.		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:	9/29/2000	SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			

63

Database: SPL

Database: SPL

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

OC TRANSPO:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS NOTIFIED

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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.

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and

Abandoned Aggregate Inventory:

Abandoned Mine Information System:

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: 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

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: 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:

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:

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: 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

Provincial

AAGR

AMIS

AST

AUWR

Provincial

Provincial

Private

Provincial Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water

Private

Provincial

Certificates of Approval:

Dry Cleaning Facilities:

Government Publication Date: 1985-Oct 30, 2011*

Please refer to those individual databases for any information after Oct.31, 2011.

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:

Chemical Register:

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.

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

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

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.).

3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas

Government Publication Date: 1999-Jan 31, 2020

Compressed Natural Gas Stations:

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: 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:

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:

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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

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).

Federal

Provincial

Private

Private Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at

Provincial

Provincial

Provincial CPU



CA

CDRY

CFOT Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this

CHEM

CNG

CONV

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Drill Hole Database:

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:

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: 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:

Environmental Effects Monitoring:

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

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: 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:

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:

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

Provincial

Federal

Private

Federal

Provincial

EMHE

EIIS

Provincial

Provincial

EASR

FRR

ECA

EEM

DRL

Provincial

67

Order No: 20290200512

Environmental Penalty Annual Report:

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:

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 around.

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:

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*

Federal Contaminated Sites on Federal Land: 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 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

Fisheries & Oceans Fuel Tanks:

Federal Identification Registry for Storage Tank Systems (FIRSTS):

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: **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:

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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*

Federal

Federal

Provincial

Provincial

Provincial

Federal

Provincial

EPAR

FXP

FCON

FOFT

FRST

FSTH

Ontario Regulation 347 Waste Generators Summary:

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:

dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: 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: 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:

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

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

Landfill Inventory Management Ontario:

Canadian Mine Locations: MINF 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:

69

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

Federal List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Provincial

GEN

GHG

INC

LIMO

Provincial

Federal

Provincial

Provincial

Private

Provincial

MNR

National Analysis of Trends in Emergencies System (NATES):

of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Sectoral Regulation or specific regulation/act. Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

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.

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.

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,

Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

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: **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: 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 NFRP 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):

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*

Federal

NATE

NCPL

NDFT

NDSP

NEES

Provincial

Federal

Federal

Federal

Federal

Federal

National PCB Inventory:

where the waste is being used or stored. Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

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.

comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

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

Government Publication Date: 1988-May 31, 2020

Ontario Oil and Gas Wells:

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

Provincial Inventory of PCB Storage Sites: **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.

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

The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

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

Orders:

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.

Canadian Pulp and Paper:

Government Publication Date: 1994-Jul 31, 2020

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

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:

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

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Federal

NPCB

NPRI

OGWE

Federal Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect

Private

Provincial

OOGW

ORD

PAP

PCFT

PES

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

Private

Provincial

Federal Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites.

Provincial

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

Order No: 20290200512

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

Wastewater Discharger Registration Database:

(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

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

Government Publication Date: 1999-Jan 31, 2020

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 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 /

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.

Retail Fuel Storage Tanks:

Scott's Manufacturing Directory:

or propane storage tanks.

are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location

Provincial 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

Provincial

Private

Provincial

Provincial

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Private and Retail Fuel Storage Tanks:

take water. Government Publication Date: 1994-Jul 31, 2020

Provincial Ontario Regulation 347 Waste Receivers Summary: 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.

storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety

Government Publication Date: 1989-1996*

Government Publication Date: 1986-2016

Record of Site Condition:

Authority (TSSA).

Permit to Take Water:

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

Provincial

PRT

PTTW

REC

RSC

SCT

SPL

SRDS

Anderson's Storage Tanks:

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:

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

from this code requirement. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

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.

province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered

Government Publication Date: Oct 2011-JuL 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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:

73

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

Provincial

Provincial

Private

Federal

Provincial

Provincial

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

VAR Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the

Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

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

WDS

WDSH

WWIS

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands,

TCFT

TANK

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.

<u>Map Key:</u> 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.'

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

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



APPENDIX C – CORRESPONDANCE

McINTOSH PERRY



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

Shaping our future together Ensemble, formons notre avenir 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 <u>http://www.ebr.gov.on.ca/ERS-WEB-External/</u> 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,

Hitte Govi

Colette Gorni

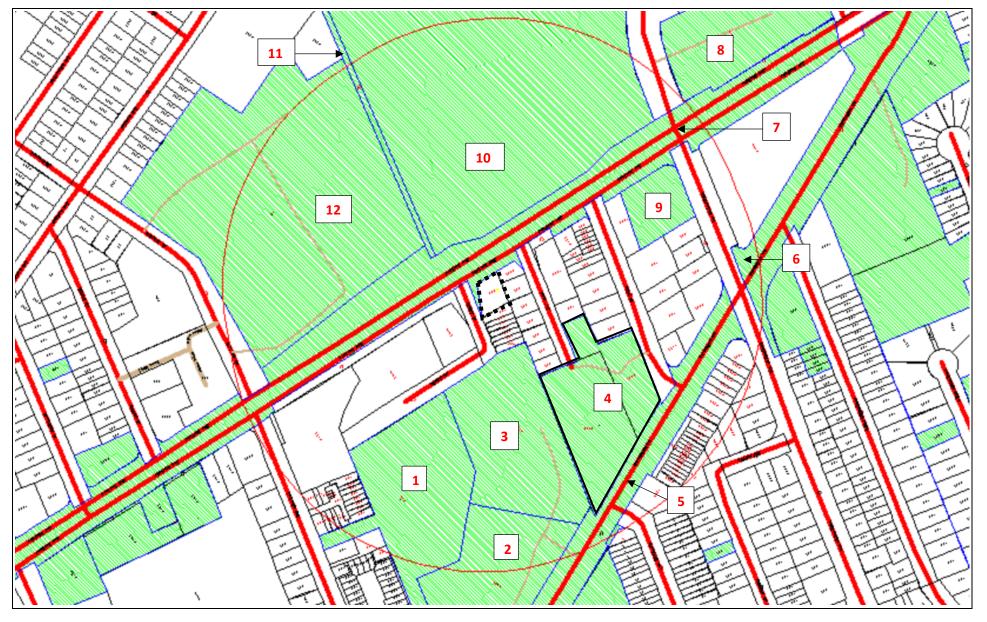
Per:

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



Ottawa	Address:	2830 Carling Avenue Ottawa, ON	Legend:	00	Area Number Subject Site
¶Ottawa	File No.:	D06-03-20-0160			250 m Buffer
	Prepared By:	Colette Gorni	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.



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory

Activity Numbers – Adjacent Properties



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #1 Activity Numbers



RPTC_OT_DEV0122

Report:

Run On:

Study Year 1998		PIN 039430037	Multi-NAIC N	Multiple Activities N
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity	5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	5754, 5762, 5767, 5769, 5770, 5838, 5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMED) SAND/GRAVEL PIT		
Address:	, WEST CA	ARLETON		
Facility Type:	Sand and (Gravel Pits		
Comments 1:	UTM = 419	ITM = 419300E, 5034300N. Area is 150m x 100m.		
Comments 2:				
Generator Number:	:			
Storage Tanks:				
HL References 1:	1985-EMR-8	TM-Ottawa-Sheet#14, 1948-DND-ASE SMB-NTS-31G/5-11th ed.; 1951-DND- SMB-NTS-31G/4-6th ed., 1979-EMR-S	-ASE-NTS-31G/4E-4th ed., 1966-EMI	
HL References 2:	1951-DND-A	ASE-NTS-31F/8E-3rd ed., 1964-EMR- CCM-NTS-31F/8-8th ed.		SMB-NTS-31F/8-7th ed.,
HL References 3:	1999-EMR-0 1991-WDSI/			
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			



Report:

Run On:

RPTC_OT_DEV0122

Study Year PI	N Multi-NA	IC Multiple Activities	
1998 03	9430037 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



RPTC_OT_DEV0122 22 Sep 2020 at: 18:24:10

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

Unnamed Sand/Gravel Pit

c. 1964-1989

Report: Run On:



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #2 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

Study Year1998Activity ID:14509PIN Certainty:1	PIN 039430038 Multiple PINS: Previous Activit	Multi-NAIC N	Multiple Activities N
PIN Certainty: 1	Previous Activit	5801 5751 5752 F	
		5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	5754, 5762, 5767, 5769, 5770, 5838, 5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS: 0456601	73		
Name: UNNAM	ED SAND/GRAVEL PIT		
Address: , WEST	, WEST CARLETON		
Facility Type: Sand ar	d Gravel Pits		
Comments 1: UTM =	19300E, 5034300N. Area is 150m	n x 100m.	
Comments 2:			
Generator Number:			
Storage Tanks:			
1985-EN	D-TM-Ottawa-Sheet#14, 1948-DND-AS R-SMB-NTS-31G/5-11th ed.; 1951-DNI R-SMB-NTS-31G/4-6th ed., 1979-EMR	D-ASE-NTS-31G/4E-4th ed., 1966-EM	
HL References 2: 1951-DN	D-ASE-NTS-31F/8E-3rd ed., 1964-EMF R-CCM-NTS-31F/8-8th ed.		SMB-NTS-31F/8-7th ed.,
	SI/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	Ν	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

MAP Report Ver: 1

RPTC_OT_DEV0122

Report: Run On:



CITY OF OTTAWA

HLUI ID: __679G7N

AREA (Square Metres): 14642.942

Study YearPINMulti-NAICMultiple Activities1998039430038NN

Unnamed Sand/Gravel Pit

c. 1964-1989

Report:

Run On:

RPTC_OT_DEV0122



Planning, Infrastructure and Economic Development Department Services de la planification, de l'infrastructure et du développement économique

Historical Land Use Inventory Area #3 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

Study Year 1998		PIN 152680000	Multi-NAIC N	Multiple Activities N
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	5754, 5762, 5767, 5769, 5770, 5838 ,5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAME) SAND/GRAVEL PIT		
Address:	, WEST CA	ARLETON		
Facility Type:	Sand and	Gravel Pits		
Comments 1:	UTM = 419	9300E, 5034300N. Area is 150m x 10	00m.	
Comments 2:				
Generator Number	:			
Storage Tanks:				
HL References 1:	1985-EMR-\$	TM-Ottawa-Sheet#14, 1948-DND-ASE-NT SMB-NTS-31G/5-11th ed.; 1951-DND-ASE SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-	-NTS-31G/4E-4th ed., 1966-EM	
HL References 2:	1951-DND-/	ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB CCM-NTS-31F/8-8th ed.		-SMB-NTS-31F/8-7th ed.,
HL References 3:	1991-WDSI/			
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			



CITY OF OTTAWA

HLUI ID: __670IM3

Report: Run On: RPTC_OT_DEV0122

AREA (Se	quare Met	tres): 1	5261.970
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1998 152680000 N N	
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



RPTC_OT_DEV0122

22 Sep 2020 at: 18:24:58

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

Unnamed Sand/Gravel Pit

c. 1964-1989

Report: Run On:



Historical Land Use Inventory Area #4 Activity Numbers



Report:

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

RPTC_OT_DEV0122

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

Activity ID:	8225	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s) :	
Related PINS:	039430016		
Name: Address:	MANTON YACHT S 2841 RICHMOND F		
Facility Type: Comments 1: Comments 2:	Service Industries In #303	ncidental to Water Transport	
Generator Number Storage Tanks:	Ţ		
HL References 1: HL References 2:			
HL References 3:	2005 Select Phone		
NAICS	SIC		
532410 488390 488332	0 0 0		

Company Name

MANTON YACHT SVC

Year of Operation

c. 2005



Historical Land Use Inventory Area #5 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

22 Sep 2020 at: 18:27:37

Study Year 1998		PIN 039430049	Multi-NAIC N	Multiple Activities
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(5772, 5774, 5837, 5853, 5854, 5855, 5872, 5874, 5875,	5754, 5762, 5767, 5769, 5770, 5838, 5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMEI	D SAND/GRAVEL PIT		
Address:	, WEST C	ARLETON		
Facility Type:	Sand and	Gravel Pits		
Comments 1:	UTM = 41	9300E, 5034300N. Area is 150m x 10	00m.	
Comments 2:				
Generator Number				
Storage Tanks:				
HL References 1:	1985-EMR-	TM-Ottawa-Sheet#14, 1948-DND-ASE-NT SMB-NTS-31G/5-11th ed.; 1951-DND-ASE SMB-NTS-31G/4-6th ed., 1979-EMR-SMB-	-NTS-31G/4E-4th ed., 1966-EN	
HL References 2:	1951-DND-	ASE-NTS-31F/8E-3rd ed., 1964-EMR-SMB CCM-NTS-31F/8-8th ed.		R-SMB-NTS-31F/8-7th ed.,
HL References 3:		/WMB/MOE		
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			
562210	499			



CITY OF OTTAWA

HLUI ID: __670INR

Report:

Run On:

RPTC_OT_DEV0122

22 Sep 2020 at: 18:27:37

AREA (Square	Metres):	16775.796
	Oqualc	men co	<i>.</i>	10110.130

1998 039430049 N N	5

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



CITY OF OTTAWA

HLUI ID: __670INR

AREA (Square Metres): 16775.796

Study Year **PIN** 039430049 Multiple Activities Multi-NAIC Ν

Unnamed Sand/Gravel Pit

c. 1964-1989

Report:

Run On:

RPTC_OT_DEV0122

22 Sep 2020 at: 18:27:37



Historical Land Use Inventory Area #6 Activity Numbers



Report:

Run On: 22 Sep 2020 at: 18:28:51

RPTC_OT_DEV0122

Study Year 1998	PIN 03959048	32	Multi-NAIC Y	Multiple Activities
Activity ID:	1927	Multiple PINS:	Y	
-				
PIN Certainty:	2	Previous Activity ID(s) :	5624	
Related PINS:	039590090			
Name:	BROWN'S SHELL SEF	RVICE STATION		
Address:	RICHMOND ROAD, O	TTAWA		
Facility Type:	Gasoline Service Station	ons		
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

Brown's Shell Service Station

Year of Operation

c. 1960



Historical Land Use Inventory Area #7 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

22 Sep 2020 at: 18:30:28

		, ,		
Study Year 1998		PIN 042820318	Multi-NAIC N	Multiple Activities
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	754, 5762, 5767, 5769, 5770, 838 ,5840, 5846, 5849, 5852, 856, 5861, 5869, 5870, 5871, 884, 5886, 5887, 5889, 5890, 899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMED	SAND/GRAVEL PIT		
Address:	, WEST CA	RLETON		
Facility Type:	Sand and C	Gravel Pits		
Comments 1:	UTM = 419	300E, 5034300N. Area is 150m x 10	00m.	
Comments 2:		,		
Generator Number	:			
Storage Tanks:				
HL References 1:	1985-EMR-S	TM-Ottawa-Sheet#14, 1948-DND-ASE-NT SMB-NTS-31G/5-11th ed.; 1951-DND-ASE SMB-NTS-31G/4-6th ed., 1979-EMR-SMB	E-NTS-31G/4E-4th ed., 1966-EMI	
HL References 2:	1951-DND-A	SE-NTS-31F/8E-3rd ed., 1964-EMR-SME		SMB-NTS-31F/8-7th ed.,
HL References 3:	1989-EMR-C 1991-WDSI/	CCM-NTS-31F/8-8th ed. WMB/MOE		
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			
562210	499			



RPTC_OT_DEV0122 Report: Run On: 22 Sep 2020 at: 18:30:28

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820318	Ν	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



RPTC_OT_DEV0122 Report: Run On: 22 Sep 2020 at: 18:30:28

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

Unnamed Sand/Gravel Pit

c. 1964-1989



Historical Land Use Inventory Area #8 Activity Numbers



Report:

Run On: 22 Sep 2020 at: 18:30:47

RPTC_OT_DEV0122

Study Year 1998	PIN 150680000		Multi-NAIC Y	Multiple Activities N
Activity ID:	13773	Multiple PINS:	Ν	
PIN Certainty:	2	· Previous Activity ID(s) :	5709	
Related PINS:	150680000			
Name: Address:	UNNAMED GASOLINE S 2750 CARLING AVENUE			
Facility Type:	Gasoline Service Station			
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 6	533			
	533			
811199 6	533			

Company Name

Unnamed Gasoline Service Station

Year of Operation

c. 1957



Historical Land Use Inventory Area #9 Activity Numbers



Report:

Run On: 22 Sep 2020 at: 18:31:17

RPTC_OT_DEV0122

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

Activity ID:	13090	Multiple PINS:	Ν
PIN Certainty:	1	Previous Activity ID(s	;):
Related PINS:	039430001		
Name: Address: Facility Type: Comments 1: Comments 2: Generator Number Storage Tanks: HL References 1:	Motion Picture	DUCTION ST ROAD, OTTAWA Laboratories and Video Production	n Facilities
HL References 2:			
HL References 3:	2001 Employmer	nt Survey	
NAICS	SIC		
512110	0		
Company Name)		Year of Oper

SPIESS PRODUCTION

eration

c. 2001



Historical Land Use Inventory Area #10 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

22 Sep 2020 at: 18:33:15

Study Year 1998		PIN 042820319	Multi-NAIC N	Multiple Activities
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s)	5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	5754, 5762, 5767, 5769, 5770, 5838 ,5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMED	SAND/GRAVEL PIT		
Address:	, WEST CA	RLETON		
Facility Type:	Sand and G	Gravel Pits		
Comments 1:	UTM = 419	300E, 5034300N. Area is 150m x 100n	n.	
Comments 2:				
Generator Number	:			
Storage Tanks:				
HL References 1:	1985-EMR-S	M-Ottawa-Sheet#14, 1948-DND-ASE-NTS-3 MB-NTS-31G/5-11th ed.; 1951-DND-ASE-N MB-NTS-31G/4-6th ed., 1979-EMR-SMB-N	TS-31G/4E-4th ed., 1966-EM	
HL References 2:		SE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-N	TS-31F/8-5th ed., 1976-EMR	-SMB-NTS-31F/8-7th ed.,
HL References 3:	1999-EMR-C 1991-WDSI/\	CM-NTS-31F/8-8th ed. WMB/MOE		
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			
562210	499			



Report: Run On: RPTC_OT_DEV0122

22 Sep 2020 at: 18:33:15

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820319	Ν	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



RPTC_OT_DEV0122

22 Sep 2020 at: 18:33:15

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

Unnamed Sand/Gravel Pit

c. 1964-1989

Report: Run On:



Historical Land Use Inventory Area #11 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

22 Sep 2020 at: 18:33:33

Study Year 1998		PIN 042820436	Multi-NAIC N	Multiple Activities N
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s) :	5772, 5774, 5837, 5 5853, 5854, 5855, 5 5872, 5874, 5875, 5	5754, 5762, 5767, 5769, 5770, 5838, 5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMED	SAND/GRAVEL PIT		
Address:	, WEST CA	RLETON		
Facility Type:	Sand and G	Gravel Pits		
Comments 1:		300E, 5034300N. Area is 150m x 100m		
Comments 2:				
Generator Number:				
Storage Tanks:				
HL References 1:	1985-EMR-S	M-Ottawa-Sheet#14, 1948-DND-ASE-NTS-3 MB-NTS-31G/5-11th ed.; 1951-DND-ASE-NT MB-NTS-31G/4-6th ed., 1979-EMR-SMB-NTS	S-31G/4E-4th ed., 1966-EM	
HL References 2:	1951-DND-A	SE-NTS-31F/8E-3rd ed., 1964-EMR-SMB-NT CM-NTS-31F/8-8th ed.		SMB-NTS-31F/8-7th ed.,
HL References 3:	1991-WDSI/V			
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			



Report:

Run On:

RPTC_OT_DEV0122

22 Sep 2020 at: 18:33:33

Study Year	PIN	Multi-NAIC	Multiple Activities
1998	042820436	Ν	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



RPTC_OT_DEV0122

22 Sep 2020 at: 18:33:33

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

Unnamed Sand/Gravel Pit

c. 1964-1989

Report: Run On:



Historical Land Use Inventory Area #12 Activity Numbers



Report: RPTC_OT_DEV0122

Run On:

22 Sep 2020 at: 18:34:03

Study Year 1998		PIN 042820317	Multi-NAIC N	Multiple Activities N
Activity ID:	14509	Multiple PINS:	Ν	
PIN Certainty:	1	Previous Activity ID(s	5772, 5774, 5837, 5853, 5854, 5855, 5872, 5874, 5875,	5754, 5762, 5767, 5769, 5770, 5838, 5840, 5846, 5849, 5852, 5856, 5861, 5869, 5870, 5871, 5884, 5886, 5887, 5889, 5890, 5899, 5893, 5901, 5903, 5907,
Related PINS:	045660173			
Name:	UNNAMED	SAND/GRAVEL PIT		
Address:	, WEST CA	RLETON		
Facility Type:	Sand and G	Gravel Pits		
Comments 1:	UTM = 419	300E, 5034300N. Area is 150m x 10	0m.	
Comments 2:				
Generator Number:				
Storage Tanks:				
HL References 1:	1985-EMR-S	M-Ottawa-Sheet#14, 1948-DND-ASE-NT MB-NTS-31G/5-11th ed.; 1951-DND-ASE MB-NTS-31G/4-6th ed., 1979-EMR-SMB-	-NTS-31G/4E-4th ed., 1966-EM	
HL References 2:	1951-DND-A	SE-NTS-31F/8E-3rd ed., 1964-EMR-SMB		R-SMB-NTS-31F/8-7th ed.,
HL References 3:	1989-EMR-C 1991-WDSI/\	CCM-NTS-31F/8-8th ed. WMB/MOE		
NAICS	SIC			
221330	499			
562990	499			
221320	499			
562920	499			
212323	82			



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

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

MAP Report Ver: 1



Report: Run On:

22 Sep 2020 at: 18:34:03



CITY OF OTTAWA

HLUI ID: __670HIO

RPTC_OT_DEV0122 22 Sep 2020 at: 18:34:03

Run On:

Report:

AREA (Square Metres): 50614.048

Study YearPINMulti-NAICMultiple Activities1998042820317NN

Unnamed Sand/Gravel Pit

c. 1964-1989

From:	Public Information Services <publicinformationservices@tssa.org></publicinformationservices@tssa.org>
Sent:	September 3, 2020 3:18 PM
То:	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.

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

345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: <u>sthompson@tssa.org</u> www.tssa.org

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

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

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

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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 <u>https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?</u> <u>mid_=392</u> and email the completed form to <u>publicinformationservices@tssa.org</u> 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

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

[CAUTION]: This email originated outside the organisation. Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

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

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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. <u>613.714.4602</u> | F. <u>613.836.3742</u> | C. <u>613.229.9528</u>

MCINTOSH PERRY

From: Robert Laszkiewicz <<u>RLaszkiewicz@erisinfo.com</u>>
Sent: September 23, 2020 9:15 AM
To: Jordan Bowman <<u>j.bowman@mcintoshperry.com</u>>
Cc: Monica Black <<u>M.Black@McIntoshPerry.com</u>>; Jordan Bowman <<u>j.bowman@mcintoshperry.com</u>>
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



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



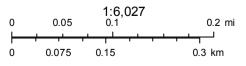
APPENDIX D – AERIAL PHOTOGRAPHS

MCINTOSH PERRY





September 22, 2020

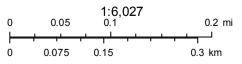


City of Ottawa

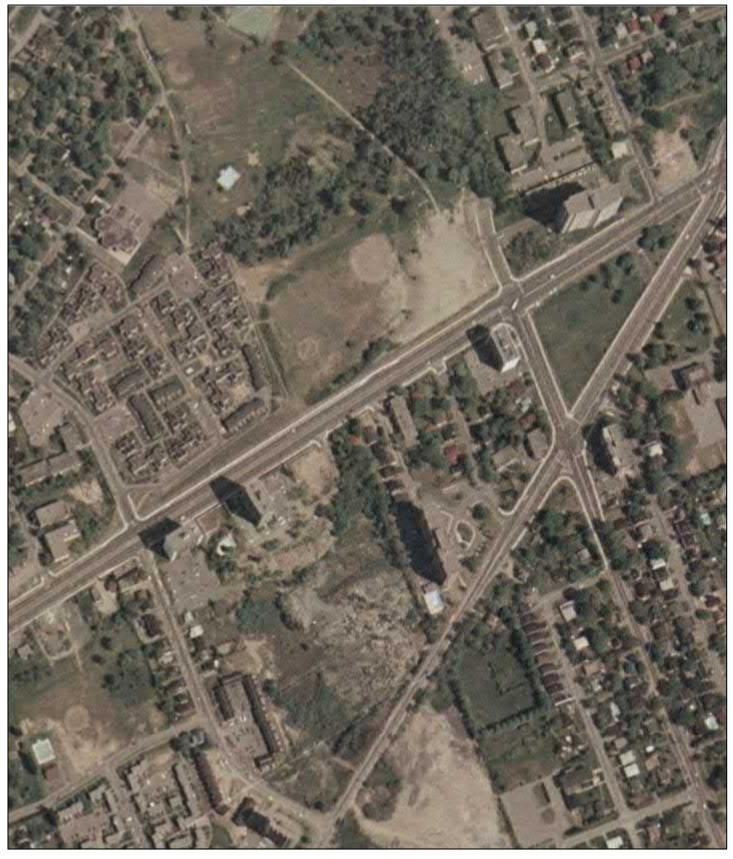




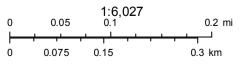
September 22, 2020



City of Ottawa



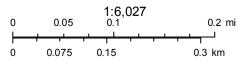
September 22, 2020



City of Ottawa



September 22, 2020







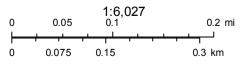
September 22, 2020

		1:6,0	27	
0	0.05	0.1		0.2 mi
			· · · · ·	
	1 1		1	·]
0	0.075	0.15		0.3 km

2008



September 22, 2020







September 22, 2020

0	0.05	1:6,027 _{0.1}	0.2 mi
0	0.075	0.15	0.3 km

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



APPENDX E – INTERVIEW RECORDS

MCINTOSH PERRY

ALC: NAME OF	FCA.
Phase I	ESA
Fildse.	

5

Interview Form

MPCE

Phase I ESA Interviews

Interviewer (MPCE)	MPCE Project No.
Interviewee Rundy	
Relationship to Subject Prope	rime Associated man of the
Date 18 - 99 - 2020	Date Property was developed: Pre 1938
Potential Item of Concern	Oil Interview Comments
Accidents/Spills	Pussible leak of oil tonk
Previous Use of Site	heen Res For some time
Adjacent Properties	Sold Mid 80' Residential since 1985, Sand pit @ Restored 1975.
Fuel Handling/Storage	oil besting tank previous.
Maintenance/	Basiment
Operational Areas	-
azardous Materials Storage	NO
lt Storage	bus or two

Phase I ESA

Interview Form

MPCE

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: 1

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Potential Item of Concern	Interview Comments
Fuel Storage Tanks	- Pretty Sure Remard. - Converted to gas 1999 - Priver to fiel oil was Coal.
Odours	hater damage.
Potable Water	Use to be well Converted to Kity in Early 1950's is
Septic and Wastewater Discharges	City hould have been scene tank prist. -No knowledge.
Pesticides	No knowledge
Mould	yes natur damage
Heating and Cooling Systems	gas Furnie - Alc Not in operation.
Najor Mechanical quipment	No
aste Oils, Solvents, tteries	No
Bs	No
estos	Not avore
Paint	Not anore

aselESA

Interview Form

MPCE

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Interview Comments	
/	
/	
Not ave	
Not anne	
Nut anal	
/	
One well prior.	
Culb side garburg	
No	
Sever System.	
Νο,	
	Not aver Not aver Not aver Not aver Not aver No Save System.

McIntosh Perry Consulting Engineers Ltd.

na Constituti de Salas	MPCE
Phase I ESA	Interview Form
riddereast	810 Vick Avenue
	Phase I ESA Interviews
	CQ MPCE Project No. CCQ - 21 - 1191
Interviewer (MPCE) Moni(A MPCE Project No.
Interviewee Elizabeth M	lecullach
	rty_OWNERTime Associated with Property: 50 years
Relationship to Subject Proper	Date Property was developed: <u>built 50 Yrs ago</u>
Date30-09-2020	Date Property was developed. <u>Owney</u>
Potential	Interview Comments
Item of Concern	
Accidents/Spills	
	No
Previous Use of Site	
	Residence
Adjacent Properties	
	Residential
Fuel Handling/Storage	
	No
	,,,,,
Maintenance/	
Operational Areas	basement
Hazardous Materials Storage	
	Alo
	No
Salt Storage	
	Cause bases of salt
	few bags of salt

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Contra la contra

Interview Form

MPCE

	Interview Comments
Potential	
Item of Concern	
Fuel Storage Tanks	010
	No
Odours	
	No
Potable Water	
	City water
Septic and Wastewater	
Discharges	city sewage
Pesticides	
	No
Mould	010
	No
Heating and Cooling Systems	Air conditioner - cyrrent for 7 years
Major Mechanical	
Equipment	No
Waste Oils, Solvents,	
Batteries	No
PCBs	
	No
Asbestos	- I-
	No
ead Paint	
	No

	MPCE
ase I ESA	Interview Form
	Interview Comments
Potential Item of Concern	Interview comme
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

	curb pick up which rig
Fill Material	No
Floor Drains/OWS (discharge locations)	No
Other	

Future use of property: <u>confirm w lonah</u>

McIntosh Perry Consulting Engineers Ltd.

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.



CCO-21-1191

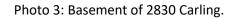




Photo 4: Basement of 2830 Carling.



Photo 5: Pipe in the basement of 2830 Carling.



Photo 6: Drain in the basement of 2830 Carling Ave

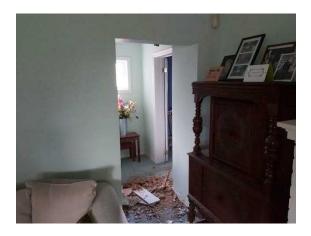


Photo 7: Damaged ceiling with mould above on the main floor of 2830 Carling.



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.

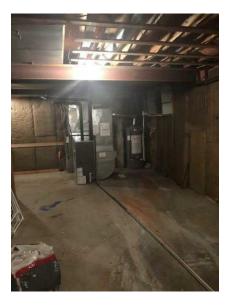


Photo 14: Basement view of 810 Vick.



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.

CCO-21-1191



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.

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