



**Phase One Environmental Site
Assessment, 27-31 Robinson
Avenue, Ottawa, Ontario**
Final Report

October 3, 2018

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Introduction
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1.0 INTRODUCTION

1.1 PHASE ONE PROPERTY INFORMATION

Stantec Consulting Ltd. ("Stantec") conducted a Phase One Environmental Site Assessment ("Phase One ESA") of the three properties located at 27 Robinson Avenue, 19 Robinson Avenue and 31 Robinson Avenue (27-31 Robinson Avenue), Ottawa, Ontario, hereinafter referred to as the "Phase One Property" or "Site". The City of Ottawa Property Identification Numbers (PINs) for the Site are 042070362, 042070363 and 042070364. The Phase One ESA was completed for TC United Group to support the redevelopment of the Site as required as part of the application to the City of Ottawa for Site Plan Control. The Phase One ESA is to be completed in accordance with Ontario Regulation 153/04 (O.Reg. 153/04) and is therefore called a Phase One ESA, which is different from a Phase I ESA completed in accordance with the Canadian Standards Association (CSA) Standard Z768-01, R2016.

Stantec understands that this Phase One ESA will not be used to support the preparation of a Record of Site Condition (RSC) in accordance with O.Reg. 153/04; as a RSC is not required at this time. The purpose of the Phase One ESA was to assess if evidence of potential and/or actual environmental contamination exists at the Phase One Property as a result of current and/or past activities at the Phase One Property and/or neighbouring properties located within 250 m of the Phase One Property ("Phase One Study Area").

The Phase One Property is owned by TC United Group and currently has residential land use.

Contact information for TC United Group (Client Contact) and the Phase One Property (Site Contact) are as follows:

Client/Site Contact:

Daniel Boulanger
Director, Planning & Consulting
TC United Group
800 Industrial Avenue, Unit 9
Ottawa, ON K1G 4B8
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SCOPE OF INVESTIGATION

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2.0 SCOPE OF INVESTIGATION

The general objectives of the Phase One ESA included the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property.
- To determine the need for a Phase Two Environmental Site Assessment ("Phase Two ESA").
- To aid in the development of a Phase Two ESA scope of work (if needed).

The Phase One ESA is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination at the property. The Phase One ESA carried out by Stantec on the Phase One Property generally satisfied the requirements of the amended Ontario Regulation 153/04 (O.Reg.153/04), and consisted of the following:

- A review of records which included the following where available, but not limited to:
 - Publicly available city directories, aerial photographs, fire insurance plans, geological and topographic maps.
 - Fire insurance plans (FIPs), property underwriters' reports and property underwriters' plans from Opta Information Intelligence Inc. (Opta), if available.
 - Any records on file with the Ontario Ministry of the Environment, Conservation and Parks (MECP) (formerly the Ministry of the Environment and Climate Change (MOECC)) pertaining to the Phase One Property.
 - Any records from the Technical Standards and Safety Authority ("TSSA") pertaining to the Phase One Property, if available.
 - A search of available ERIS environmental databases pertaining to the Phase One Property and properties within a 250 m search radius from the boundary of the Phase One Property.
 - Other environmental databases and records.
 - Previous environmental reports, if available.
 - Title search
- Interviews with persons having knowledge of the Phase One Property, including the Phase One Property owner, property occupants and/or neighbouring businesses within the Phase One Study Area having knowledge of the Phase One Property.
- Site reconnaissance to identify potentially contaminating activities associated with the following:
 - Current on-site operations;
 - Waste generation;
 - Fuel, chemical and waste storage;
 - Exterior Phase One Property conditions including surface features, fill material and wells; and,
 - Potential off-site sources and operations in the Phase One Study Area.
- An evaluation of the information gathered from the records review, interviews and site reconnaissance.
- Preparation of the Phase One ESA report provided herein.
- The submission of the Phase One ESA report to the Client/Site Contact.

Contrary to the requirements of O.Reg. 153/04, only one site visit was completed, regardless of the presence of any obstructions such as snow and ice that may have limited observations of the ground surface.

Contrary to the requirements of O.Reg. 153/04, the site visit was completed concurrently with the records review.

A Phase One ESA does not include sampling or testing of air, soil, groundwater, surface water or building materials. This assessment did not include a review or audit of compliance with any environmental legislation applicable to the Phase One Property, or of any environmental management systems which may exist for the Phase One Property.



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A Phase One ESA completed to the requirements of O.Reg. 153/04 does not include an assessment for the potential presence of hazardous building materials or mold at the Site. In addition, a Phase I ESA completed to satisfy O.Reg.153/04 will not meet the requirements of the CSA Phase I ESA Protocol Z768-01, R2016. A Phase I ESA completed to satisfy O.Reg. 153/04 only addresses potential contamination of the natural environment (i.e., soil and groundwater). A Phase I ESA completed to satisfy the CSA Standard also includes identifying the potential presence of designated substances and hazardous materials (i.e., asbestos) and other special attention items (i.e., mould).

A site reconnaissance visit was conducted by Elsa Hergel, B.Sc., of Stantec on June 19, 2018, between the times of 10:00 am and 12:00 pm. The Phase One Property and readily visible and publicly accessible portions of adjoining and neighbouring properties within the Phase One Study Area were observed for areas of potential environmental concern. Stantec was accompanied by Garry Arcand, the superintendent for 27 Robinson Avenue, Vern Geiler, the previous owner of 29 Robinson Avenue, and Tim Shea, the previous owner of 31 Robinson Avenue, during the Site visit. Mr. Arcand has been associated with the Site for approximately 10 years, Mr. Geiler has been associated with the Site since 1985, and Mr. Shea has been associated with the Site since the 1960s.

Interviews were carried out to obtain or confirm information on the historical operations and activities on the Site. The above-mentioned superintendent and owners of the three properties were interviewed during the course of the Site visit.

2.1 REGULATORY FRAMEWORK

In Ontario, the roles and powers of the MECP when dealing with contaminated sites are outlined primarily in the Environmental Protection Act (R.S.O. 1990). The MECP has a mandate to address conditions where there is an adverse effect, or the likelihood of an adverse effect, associated with the presence or discharge of a contaminant. The amended O.Reg.153/04, provides roles and responsibilities for property owners and consultants to use when assessing the environmental condition of a property, when determining whether or not restoration is required, and in determining the kind of restoration needed to allow continued use or reuse of a property. The regulation includes generic numerical standards for soil and groundwater quality for specific land and groundwater uses. A Phase One ESA is an initial step in the site assessment process, which may lead to the requirement for restoration work if areas of potential environmental contamination are identified. During a Phase One ESA, samples are not collected; however, if there are previous soil or groundwater sample results available, the results are compared to applicable provincial standards.



3.0 RECORDS REVIEW

3.1 GENERAL

3.1.1 Phase One Study Area Determination

The Phase One Study Area included the Phase One Property, properties immediately adjoining the Phase One Property, and neighbouring properties located wholly or partially within 250 m from the boundary of the Phase One Property. No properties located further than 250 m from the Phase One Property were identified as containing relevant potentially contaminating activities; however, the presence or absence of landfills and/or coal gasification plants within 1,000 m of the Phase One Property was reviewed.

3.1.2 First Developed Use Determination

The first developed land use for the Phase One Property was determined through a review of available aerial photographs from 1928 to 2017, and available city directories. Development at the Site first occurred in approximately 1913, with the construction of the house at 31 Robinson Avenue. Prior to this, the Site was vacant land. The house at 29 Robinson Avenue was built sometime between 1920 and 1925, and the house at 27 Robinson Avenue was built sometime between 1928 and 1958. In the 1990s, the house at 27 Robinson Avenue underwent some renovations to convert it into a boarding house with 14 units. An addition was added onto the rear portion of the house at 29 Robinson Avenue in approximately the 1980s, which is now used as an apartment. The Site has been used for residential purposes since development.

3.1.3 Fire Insurance Plans

A request was made to Opta for any FIPs, Property Underwriters' Reports or Property Underwriters' Plans pertaining to the Phase One Property. No records were found for the Site. Stantec reviewed the fire insurance plans from 1912, 1915, 1922, 1948 and 1958 in our in-house library.

No potential concerns were identified while reviewing the fire insurance plans.

3.1.4 Chain of Title

A title search was acquired from ERIS, for the Phase One Property, legally described as lot 32 (27 Robinson Avenue), lot 29 (29 Robinson Avenue) and lot 26 (31 Robinson Avenue), plan 190, geographic township of Ottawa.



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The title search was acquired from ERIS for the time period from 1852, when the land was owned by the crown, to 2018, with the last transaction recorded in 2018. According to information provided in the land registry title search, private individuals generally owned the three lots of the Phase One Property from 1852 to 2018, when 29 Robinson Avenue was acquired by Robinson Village GP II Inc. (the current owner). 27 Robinson Avenue was claimed by the City of Ottawa on a tax deed in 1940, but purchased by a private individual in 1944. According to the title search, the other two lots are still currently owned by private individuals; 27 Robinson Avenue is owned by Thomas Keith Moffatt, who acquired the property in 2016, and 31 Robinson Avenue is owned by Timothy Shea, who acquired the property in 2005.

Based on the title search, provided in **Appendix D**, no information that would suggest activities or operations contributing to an area of potential environmental concern (APEC) were identified at the Phase One Property.

3.1.5 Environmental Reports

No previous environmental reports for the Phase One Property were provided by the client for review.

3.1.6 City Directories

A request for available city directories was made to ERIS to assist in determining the development history of the Phase One Property and ten neighbouring properties, as well as to assist in identifying potential contaminating activities. City directories from 1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1967, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002, 2006/2007 and 2011 were available for review. The city directory search findings are provided in **Appendix D**.

A summary of the information obtained during the review is provided below. No activities or operations that would contribute to an APEC at the Phase One Property were identified within the Study Area from the information reviewed in the city directories.

Table 1 Surrounding Properties within Phase One Study Area

Adjacent Property	Address	Listing (year)
Site	27 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1967) Residential – 1 Tenant (1957, 1962, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002, 2006/2007, 2011)
	29 Robinson Avenue	Not Listed (1907, 1967, 2006/2007, 2011) Residential – 1 Tenant (1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002)
	31 Robinson Avenue	Not Listed (1907, 1912, 1967) Residential – 1 Tenant (1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002, 2006/2007, 2011)



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Adjacent Property	Address	Listing (year)
Western Property	25 Robinson Avenue	Not Listed (1907, 1912, 1967, 1972, 1977/1978, 1981/1982) Residential – 1 Tenant (1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1987, 1992, 1996/1997, 2001/2002, 2006/2007, 2011)
Southern Properties	20 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1967, 1972, 1977/1978, 1981/1982, 1987) Residential – Multi-tenant (1992, 1996/1997, 2001/2002, 2006/2007, 2011)
	24 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1987, 1992, 1996/1997, 2001/2002) Residential – 1 Tenant (1967, 1972, 1977/1978, 1981/1982, 2006/2007, 2011)
	26 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962) Residential – 1 Tenant (1967, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002, 2006/2007, 2011)
	28 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1992, 1996/1997, 2001/2002, 2006/2007, 2011) Residential – 1 Tenant (1967, 1972, 1977/1978, 1981/1982, 1987)
	30 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1996/1997, 2001/2002, 2006/2007, 2011) Residential – 1 Tenant (1967, 1972, 1977/1978, 1981/1982, 1987, 1992)
	32 Robinson Avenue	Not Listed (1907, 1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962) Residential – 1 Tenant (1967, 1972, 1977/1978, 1981/1982, 1987, 1992, 1996/1997, 2001/2002, 2006/2007, 2011)
Eastern Property	35 Robinson Avenue	Not Listed (1907, 1967) Residential – 1 Tenant (1912, 1917, 1922, 1927, 1932, 1937, 1942, 1947, 1952, 1957, 1962, 1972, 1977/1978, 1981/1982, 2011) Residential – Multi-tenant (1987, 1992, 1996/1997, 2001/2002, 2006/2007)

3.1.7 Property Underwriters' Reports and Plans

A request was made to Opta Information Intelligence for any available Property Underwriters' Reports or Property Underwriters' Plans pertaining to the Phase One Property. According to Opta, no reports or plans for the Phase One Property are available.



3.2 ENVIRONMENTAL SOURCE INFORMATION

Available environmental databases and records were searched to determine if the Phase One Property and adjacent/neighbouring properties within the Phase One Study Area were listed. Several databases were searched by ERIS at the request of Stantec. These search results are discussed in the applicable sections below. The complete ERIS report for the Phase One Study Area is provided in **Appendix D**.

3.2.1 National Pollutant Release Inventory (NPRI)

The National Pollutant Release Inventory maintained by Environment Canada was searched as part of the ERIS search commissioned for the Phase One Property and the properties within 250 m of the boundary of the Phase One Property. Review of the NPRI database did not return any results for the Phase One Study Area.

3.2.2 PCB Storage Sites and Inventory Databases

The Ontario Inventory of PCB Storage Sites and the National PCB Inventory databases were searched as part of the ERIS search commissioned for the Phase One Property and the properties within 250 m of the boundary of the Phase One Property. No properties were identified in the Inventory of PCB Storage Sites for the Study Area.

3.2.3 Certificate of Approval

Included in the ERIS report was a search of the Certificates of Approval database for the properties within the Study Area. Six entries were registered in the ERIS report for municipal water and sewage works for properties neighbouring the Site. Due to the non-contaminating nature of these activities, they are not expected to present an environmental concern for the Phase One Property. Additional entries were identified for Kelly's Auto Body Limited at 23 Hurdman Road and The Regional Municipality of Ottawa Carleton at 195 Lees Avenue for industrial air. As the receiving medium for these activities is air, it is unlikely that they present an environmental concern for the Phase One Property.

3.2.4 MECP Freedom of Information Requests

Stantec requested documents associated with the Phase One Property. The MECP responded that no records were found for the Site. The MECP response is provided in **Appendix D**.

3.2.5 Coal Gasification Plant Waste Sites and Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario

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" were searched as part of the ERIS search commissioned for the Study Area. Results of the search indicated that the Phase One Property and other properties within 250 m of the Phase One Property are not listed as former coal gasification plant waste sites, or an industrial site responsible for the production or use of coal tar.



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Based on Stantec's review of the MECP's two inventory reports, Ottawa Lees Avenue Gas Works was formerly located approximately 500 metres to the southwest of the Site. This was a retort coal gasification facility, and later used for carburetted water gas. This facility was operated between approximately 1920 and 1957, and evidence of buried waste was observed during transitway construction in 1965, and on-going remediation has been occurring at this neighbouring property. However, based on the distance of this operation from the Phase One property, it is not anticipated to present an environmental concern for the Phase One Property.

3.2.6 Hazardous Waste Generators and Receivers

The Ontario Regulation 347 Waste Generators Summary was searched as part of the ERIS search commissioned for the Study Area. Twelve entries were identified within the Study Area, associated with two addresses on Hurdman Road and Wiggins Private.

The City of Ottawa property located at 29 Hurdman Road has been registered from 1997 until present for generation of waste classes 145 (paint/pigmentation/coating residues), 252 (waste oils and lubricants) and 251 (oil skimmings and sludges). However, based on the distance and down/cross-gradient location of this property from the Site (approximately 100 m southeast), it is not considered a potential environmental concern for the Site.

The Ottawa Housing Corporation, located at 310 Wiggins Private, was registered in 2006 for oil skimmings and sludges. However, based on the distance and cross-gradient location of this property from the Site (approximately 200 m northwest), it is not considered a potential environmental concern for the Site.

3.2.7 Technical Standards and Safety Authority (TSSA)

Stantec contacted the TSSA to request a search of their databases for files related to the Phase One Property regarding outstanding instructions, incident reports, fuel oil spills, contamination records, retail facilities and/or licensed underground storage tanks. A response from the TSSA indicated that no records were found for the Site. The TSSA response is provided in **Appendix D**.

It should be noted that the Fuels Safety Division of the TSSA did not register private fuel underground or aboveground storage tanks prior to January 1990, or fuel oil tanks prior to May 1, 2002. Further, private waste oil tanks in apartments, office buildings, residences, etc. and aboveground gas or diesel tanks are not registered with the TSSA.

3.2.8 Environmental Registry

Included in the ERIS report was a search of the Environmental Registry database for the properties within the Study Area. There was one entry identified in this database for Kelly's Auto Body Limited located at 23 Hurdman Road. The entry is for an instrument decision for approval of discharge into the natural environment other than water (air). Based on the nature of the entry, this property is not anticipated to present an environmental concern for the Phase One Property.



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3.2.9 Records of Site Condition (RSC)

The ERIS report included a search of the Record of Site Condition database for the properties within the Study Area. The ERIS report indicated that no RSCs were filed on properties within the Study Area.

3.2.10 Areas of Natural Significance

Based on our review of the Ministry of Natural Resources and Forestry (Natural Heritage Areas) online mapping tool accessed on July 18, 2018, there are no areas of natural significance in the Study Area.

3.2.11 Waste Disposal Sites

Stantec reviewed the information contained in the MECP document entitled Waste Disposal Site Inventory, dated June 1991. The report includes a list of known active and closed waste disposal sites in Ontario, as of October 31, 1990. Based on the information reviewed, there are numerous closed waste disposal sites within a 1,000 metre radius of the Site.

Stantec also reviewed the information contained in the City of Ottawa document entitled Old Landfill Management Strategy, Phase 1 – Identification of Sites, City of Ottawa, Ontario, prepared by Golder Associates, dated October 2004, which provided additional information on the waste disposal sites identified MECP document. Based on the information reviewed, there are seven waste disposal within 1,000 metre radius of the Site. These include the following sites:

- Riverside Drive: Government owned, 100 ha, closed in 1963, located approximately 500 m south of the Site across the Rideau River
- Algonquin College Rideau Campus (Lees Avenue): Institutional and private owned, 6 ha, closed in 1947, located approximately 170 m south of the Site
- Lees Avenue (Old Armoury): City and private owned, 4.5 ha, closed in mid to late 1930s, located approximately 600 m southwest of the Site
- Between Henderson and King Edwards Streets, south of Templeton Street: Institutional owned, 0.8 ha, open prior to 1928, located approximately 900 m northwest of the Site
- North of Lees Avenue, Lot 6, Con D: Private and Government owned, 5.8 ha, active around 1928, located approximately 750 m southwest of the Site
- Riverside Drive (Nunt Farm): Private owned, 6 ha, active in late 1950s, located approximately 900 m southeast of the Site across the Rideau River
- Riverside Drive and Queensway: Government owned, 1.5 ha, closed in 1967, located approximately 600 m southeast of the Site across the Rideau River

Based on the distance and/or cross-gradient locations of these waste disposal sites from the Phase One Property, they do not represent a potential environmental concern for the Site.

In addition, the ERIS report included searches of the Waste Disposal Sites – MECP CA Inventory (data compiled from the MECP's Environmental Compliance Approvals database), Historical Waste Disposal Sites and the Anderson's Waste Disposal Sites (includes sites that are missing from the MOE's Waste Disposal Site Inventory) databases for the properties within the Study Area. Based on the reviewed information from the above noted sources, no waste disposal sites were identified within the One Study Area.



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3.2.12 ERIS

Records of environmental significance, included in the ERIS report, relating to the Phase One Property, adjacent properties and/or selected neighbouring properties, which were not already discussed in Sections 3.2.1 to 3.2.11, are summarized below. The complete report, including a drawing illustrating the search area, can be found in **Appendix D**.

Boreholes and Water Wells

Seventeen boreholes and sixteen water wells were identified in the study area. Information provided in these logs indicate that stratigraphy in the vicinity of the Site consists of sand and gravel fill overlying silt and sand, with some clay and till in areas. The presence of these boreholes/water wells does not represent a potential environmental concern to the Site.

Ontario Spills

In 1988, a furnace oil spill occurred at a neighbouring residence located at 28 Robinson Avenue (approximately 25 m south of the Site). The furnace oil was reportedly spilled from an aboveground tank in the basement of the neighbouring house, which resulted in possible soil contamination. The quantity of oil spilled was not included in the database. However, due to the relatively small quantity of furnace oil that would be stored in an aboveground storage tank and the receiving medium being a basement floor on a neighbouring property that is cross-gradient from the Site, this spill is not considered represent a potential environmental concern to the Site.

In 2004, a 115 L spill of non-PCB transformer oil occurred at 23 Hurdman Road. Due to the distance and cross-gradient location of this spill from the Site (approximately 75 m to the south), this spill is not considered to represent a potential environmental concern to the Site.

In 2009, there was a 136 L spill of diesel fuel at the City of Ottawa property located at 29 Hurdman Road, due to a leak in a fuel tank barrel. Due to the distance and down/cross-gradient location of this spill from the Site (approximately 100 m southeast), this spill is not considered to represent a potential environmental concern to the Site.

Fuel Storage Tanks

A Canadian Tire Pit Stop, located at 85 Robinson Avenue (approximately 150 m east of the Site), was registered in this database for oil changes and lubrication service. However, based on the distance and downgradient location of this property from the Site, it is not considered to represent a potential environmental concern to the Site.

No other listings of significance were identified in the ERIS report.



3.3 PHYSICAL SETTING SOURCES

3.3.1 Aerial Photographs

Aerial photographs obtained from the City of Ottawa's geoOttawa website were utilized to review historical aerial imagery of the Phase One Study Area. Aerial photographs from 1928, 1958, 1965, 1976, 1991, 1999, 2002, 2005, 2007, 2008, 2009, 2011, 2014, 2015, and 2017 were reviewed. Additionally, aerial photographs from the National Air Photo Library from 1933, 1947, and 1981 were reviewed. Information from the aforementioned aerial photography is provided below.

Table 2 Aerial Photograph Summary

Date	Phase One Property	Phase One Study Area
1928 (scale unknown)	The residence at 31 Robinson Avenue appears to be present. The other residences at 27 and 29 Robinson Avenue have not yet been constructed.	Residential properties are present to the east, south and west of the Site along Robinson Avenue. A rail line is present immediately to the north of the Site running parallel to Robinson Avenue, which passes over the Rideau River to the east.
1933 (1:6000)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
1947 (1:6000)	Due to poor image quality, it is difficult to determine if the residences at 27 and 29 Robinson Avenue are present.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
1958 (scale unknown)	The residences at 27 and 29 Robinson Avenue are now present, along with the residence at 31 Robinson Avenue.	Residential development is visible along Robinson Avenue to the south of the Site. The adjacent/neighbouring properties to the north, east and west are unchanged.
1965 (scale unknown)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
1976 (scale unknown)	The Phase One Property remains unchanged.	The railroad to the north of the Site has been removed a replaced with a park, and the bridge that passed over the Rideau River is no longer present. The adjacent/neighbouring properties to the east, south and west are unchanged.
1981 (1:7000)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
1991 (scale unknown)	The Phase One Property remains unchanged.	The neighbouring property to the east of the Site has been converted from single unit residential dwellings to a townhouse. The adjacent/neighbouring properties to the north, south and west are unchanged.
1999 (scale unknown)	The Phase One Property remains unchanged.	Additional residential development has occurred further east of the Site, and Robinson Avenue is now connected and loops around by the Rideau River. The adjacent/neighbouring properties to the north, south and west are unchanged.



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Date	Phase One Property	Phase One Study Area
2002 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2005 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2007 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2008 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2009 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2011 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2014 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2015 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.
2017 (unknown scale)	The Phase One Property remains unchanged.	The adjacent/neighbouring properties to the north, east, south and west are unchanged.

Based on the review of available aerial photographs, the rail line that was present from prior to 1928 until approximately the 1970s adjacent to the northern Phase One Property boundary represents a potential environmental concern for the Site.

3.3.2 Topography, Hydrology and Geology

3.3.2.1 Topography and Regional Drainage

Based on Natural Resources Canada topographic map 30 G/5 and the observed topography in the vicinity of the Phase One Property, regional surface drainage (inferred shallow groundwater flow direction) appears to generally flow in a northeasterly direction towards the Rideau River, located approximately 130 metres to the northeast of the Site.

It should be noted that the direction of the shallow groundwater flow in limited areas can also be influenced by the presence of underground utility corridors and is not necessarily a reflection of regional or local groundwater flow or a replica of the Phase One Property or area topography.

3.3.2.2 Hydrology and Surface Water Drainage

The surfaces of the Phase One Property consist of asphalt-paved and gravel driveways, and treed/grassy areas. Stormwater drains to on-site catch basins, which are assumed to be connected to the municipal stormwater sewer system. Excess stormwater is anticipated to drain by infiltration and/or overland flow.



3.3.2.3 Surficial Geology

Based on information obtained from the Surficial Geology of Ontario - Google Earth Layer, the native surficial soils of the Site consist of fine-textured glaciomarine deposits of silt and clay with minor sand and gravel. The characteristic permeability of these soils is low. A site-specific determination would be required in order to obtain detailed soil profile and permeability information.

Based on information provided in the borehole logs in the ERIS report, the subsurface soil profile at the Site consists of a layer of sandy fill overlying sandy silt with some clay. Bedrock was encountered at a depth of approximately 10 m below grade.

3.3.2.4 Bedrock Geology

Based on information obtained from the Bedrock Geology of Ontario - Google Earth Layer, bedrock in the area of the Site consists of shale, limestone, dolostone and siltstone of the Georgian Bay, Blue Mountain and Billings formations. According to borehole logs in the ERIS report, depth to bedrock is approximately 10 m.

3.3.3 Fill Materials

The Phase One Property is relatively flat and generally of similar elevation to the neighbouring properties. Therefore, it is unlikely that significant amounts of fill have been brought onto the Phase One Property.

3.3.4 Water Bodies

The Rideau River is located approximately 130 m to the northeast, which lies within the Study Area.

3.3.5 Well Records

Stantec obtained water well information from the ERIS report. Sixteen water wells were identified and are discussed in Section 3.2.12.

3.4 SITE OPERATING RECORDS

Documents related to the Phase One Property were requested from the client contact and/or the site contact of the Phase One Property. No site operating records were provided to Stantec for the Phase One Property.



Interviews

October 3, 2018

4.0 INTERVIEWS

Interviews were conducted with Garry Arcand, the superintendent for 27 Robinson Avenue, Vern Geiler, the previous owner of 29 Robinson Avenue, and Tim Shea, the previous owner of 31 Robinson Avenue at the time of the site reconnaissance on June 19, 2018. The interviewees were asked about the current and past activities at the Phase One Property and their responses were incorporated into the appropriate sections below. Mr. Arcand has been associated with the Site for approximately 10 years, Mr. Geiler has been associated with the Site since 1985, and Mr. Shea has been associated with the Site since the 1960s.



Site Reconnaissance
October 3, 2018

5.0 SITE RECONNAISSANCE

5.1 GENERAL REQUIREMENTS

A site reconnaissance of the Phase One Property was conducted by Elsa Hergel, B.Sc., of Stantec on June 19, 2018, between the times of 10:00 am and 12:00 pm. During the day of the site reconnaissance, the weather was warm and sunny. The Phase One Property and readily visible and publicly accessible portions of adjacent/neighbouring properties within the Study Area were observed for the presence of potentially contaminating activities and potential contaminant pathways. All areas of the Phase One Property were available for inspection.

Plans showing the Phase One Property and the Study Area, are included in **Appendix A**. Selected photographs of the Phase One Property are included in **Appendix B**.

5.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

5.2.1 Property Information

The Phase One Property occupies an approximate 0.13 hectare plot of land described as lot 32 (27 Robinson Avenue), lot 29 (29 Robinson Avenue) and lot 26 (31 Robinson Avenue), plan 190, geographic township of Ottawa. The Phase One Property has civic addresses of 27, 29 and 31 Robinson Avenue, Ottawa, Ontario. The Phase One Property is occupied by three residential houses, one occupying each civic address. The houses are surrounded by trees, landscaped areas and exterior storage sheds. The Phase One Property can be accessed from Robinson Avenue to the south.

5.2.2 Property Buildings & Structures

At the time of the Site reconnaissance, the Phase One Property was occupied by a three-storey residential rooming house with fourteen apartment units (27 Robinson Avenue), a two-storey residential house with a partial basement and an apartment at the rear (29 Robinson Avenue), and a two-storey residential house with a partial basement (31 Robinson Avenue), along with three exterior sheds.

5.2.3 Aboveground and Underground Storage Tanks

No chemical or fuel aboveground storage tanks (ASTs) or underground storage tanks (USTs) were identified or reported to be present at the Phase One Property at the time of the site reconnaissance. Further, no vent or fill pipes indicating the potential presence of an abandoned or decommissioned UST were observed. The residence at 29 Robinson Avenue was reported to have a heating oil AST located in the basement, which was removed in approximately 1990 when the heating source was switched to natural gas. The previous heating source at 27 Robinson Avenue is unknown, therefore there may have also been a heating oil AST located in the past on this portion of the Phase One Property.



Site Reconnaissance
October 3, 2018

5.2.4 Underground Utilities and Services

Based on the interviews, The Phase One Property is serviced with water and sewer services by the City of Ottawa, electricity services by Hydro Ottawa (via overhead lines) and natural gas by Enbridge Gas.

The Site building at 27 Robinson Avenue is provided with heating and cooling via natural gas for the 10 aboveground apartment units, and electric heating for the four basement units. The previous heating source for this building is unknown.

The Site building at 29 Robinson Avenue is provided with heating and cooling via natural gas. As previously mentioned, this residence used to be heated with heating oil, and was switched to natural gas in approximately 1990.

The Site building at 31 Robinson Avenue is provided with heating and cooling via electric baseboards. Previously, heating was provided by coal stoves. The coal was stored in the basement and was accessed by the basement window where it would be hauled up when needed, and used in stoves throughout the house. The house was switched to electric heating in the late 1980s.

5.2.5 Site Building Features

At the time of the Site reconnaissance, the Phase One Property was occupied by a three-storey residential rooming house with fourteen apartment units (27 Robinson Avenue), a two-storey residential house with a partial basement and an apartment at the rear (29 Robinson Avenue), and a two-storey residential house with a partial basement (31 Robinson Avenue), along with three exterior sheds. Based on the interviews, development at the Site first occurred in approximately 1913, with the construction of the house at 31 Robinson Avenue. The house at 29 Robinson Avenue was built sometime between 1920 and 1925, and the house at 27 Robinson Avenue was built sometime between 1928 and 1958. In the 1990s, the house at 27 Robinson Avenue underwent some renovations to convert it into a boarding house with 14 units. An addition was added onto the rear portion of the house at 29 Robinson Avenue in approximately the 1980s, which is currently used as an apartment.

5.2.6 Wells

No groundwater monitoring wells were observed on the Phase One Property at the time of the site visit.

5.2.7 Sewage Works

Based on the interview, The Phase One Property is serviced with sewer services by the City of Ottawa.

5.2.8 Surface Features

The surface of the Site is relatively flat and generally at grade with the adjacent properties.

5.2.9 Current or Former Railway Lines or Spurs

No presence of a current or former railway line was observed at the time of the site reconnaissance. Based on historical aerial photographs, a railroad right of way was located to the north of the Site, crossing over the Rideau River.



Site Reconnaissance
October 3, 2018

5.2.10 Surface Staining and Stressed Vegetation

No stained surficial materials or stressed vegetation were observed at the Phase One Property at the time of the Site reconnaissance.

5.2.11 Imported Fill and Debris

As the Phase One Property was generally at grade with the neighbouring properties, it is unlikely that significant amounts of fill materials were brought onto the Site.



6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

The current and past uses of the Phase One Property as determined by the site reconnaissance and historical information gathered through the records review is summarized as follows:

Table 3 Table of Current and Past Land Uses

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1928 to 2018	Numerous	Residential	Residential	The land title search indicates the land was owned by different individuals, and the aerial photographs from 1928 to 2017 indicate the property was residential.

6.2 POTENTIALLY CONTAMINATING ACTIVITIES (PCAS)

6.2.1 Phase One Property

Based on historical documents and the site reconnaissance, the heating oil AST formerly located at 29 Robinson Avenue and possible former AST at 27 Robinson Avenue were identified as PCAs on the Phase One Property.

6.2.2 Phase One Study Area

Based on historical documents and the site reconnaissance, the rail line that was located to the north of the Site was identified as a PCA in the Phase One Study Area.

6.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

The table below lists the PCAs at the Site or within the study area identified in Section 6.2 that represent an APEC to the Phase One Property, the contaminants of potential concern, and the potentially impacted media of concern at the Phase One Property.

Table 4 Areas of Potential Environmental Concern to Phase One Property

APEC	Location of APEC on Phase One Property	PCA*	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted
APEC #1 – Heating Oil ASTs	29 Robinson Avenue and potentially 27 Robinson	28 – Gasoline and Associated Products Storage in	On-site	VOCs BTEX PHCs	Soil and groundwater



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT, 27-31 ROBINSON AVENUE, OTTAWA, ONTARIO

Review and Evaluation of Information
October 3, 2018

APEC	Location of APEC on Phase One Property	PCA*	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted
	Avenue	Fixed Tanks			
APEC #2 – Former Railway	Northern portion of the Site adjacent to former railway	46 – Rail Yards, Tracks and Spurs	Off-site	VOCs BTEX PHCs PAHs Metals	Soil and groundwater

NOTES:

* Potentially Contaminating Activities listed in Table 2, **Appendix D**, of the Ontario Regulation 153/04, as amended

VOCs – volatile organic compounds

PHCs – petroleum hydrocarbons F1 to F4

PAHs – polycyclic aromatic hydrocarbons

BTEX – benzene, toluene, ethylbenzene, and xylenes

6.4 PHASE ONE CONCEPTUAL SITE MODEL

In developing the Conceptual Site Model for the Phase One Property and Phase One Study Area, the following physical characteristics/pathways were evaluated in order to assess whether any Potentially Contaminating Activities may have contributed to an APEC at the Phase One Property.

Table 5 Conceptual Site Model

Physical Characteristics/Pathways	Description
Subsurface Soils	Based on available geological maps and the ERIS report, the subsurface soil profile at the Site to consist of a layer of sandy fill overlying sandy silt with some clay.
Bedrock	Based on information obtained from the Bedrock Geology of Ontario - Google Earth Layer, bedrock in the area of the Site consists of shale, limestone, dolostone and siltstone. According to borehole logs in the ERIS report, depth to bedrock is approximately 10 m.
Inferred Groundwater Flow Direction	Based on Natural Resources Canada topographic map 30 G/5 and the observed topography in the vicinity of the Phase One Property, regional surface drainage (inferred shallow groundwater flow direction) appears to generally flow in a northeasterly direction towards the Rideau River, located approximately 130 metres to the northeast of the Site.
Underground Utilities	Underground utilities at the Phase One Property include water and sewer services, and natural gas services.



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT, 27-31 ROBINSON AVENUE, OTTAWA, ONTARIO

Review and Evaluation of Information
October 3, 2018

The figures provided in **Appendix A** include features and details in relation to the Phase One Study Area and the Phase One Property. In general, the figures illustrate the following (where applicable):

1. Road names and existing buildings and structures within the Phase One Study Area;
2. The location of water bodies within the Phase One Study Area;
3. The location of areas of natural significance within the Phase One Study Area;
4. Presence of drinking water wells at the Phase One Property, if present;
5. Property usage types on adjoining properties to the Phase One Property;
6. The location of current or former APECs on the Phase One Property and nearby properties;
7. The direction of assumed groundwater flow within the Phase One Property; and,
8. The approximate location of underground utilities or structures, if known.



CONCLUSIONS

October 3, 2018

7.0 CONCLUSIONS

7.1 IS A PHASE TWO ENVIRONMENTAL SITE ASSESSMENT REQUIRED BEFORE A RECORD OF SITE CONDITION IS SUBMITTED?

Based on the findings of the Phase One ESA, APECs with associated contaminants of potential concern were identified with respect to soil and groundwater quality at the Phase One Property, and that further work is required to investigate the identified APECs. Stantec recommends a Phase Two ESA be completed to investigate the APECs and presence or absence of associated contaminants of potential concern prior to or during future construction at the Site.

In addition, if soil is to be removed from any portion the Site for construction purposes, chemical analyses should be completed to determine the appropriate soil management and/or disposal requirements.

7.2 CAN A RECORD OF SITE CONDITION BE SUBMITTED BASED ON THE PHASE ONE ENVIRONMENTAL SITE ASSESSMENT ALONE?

A RSC cannot be filed solely based on the findings of this Phase One ESA, as it does not contain a current legal survey of the Phase One Property signed and sealed by an Ontario Land Surveyor. Additionally, APECs have been identified in this Phase One ESA, therefore these need to be investigated before an RSC can be filed.



CLOSURE

October 3, 2018

8.0 CLOSURE

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report, and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

This report is limited by the following:

- The Phase One Property was assessed on June 19, 2018. Any changes to the property since June 19, 2018, have not been assessed.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT, 27-31 ROBINSON AVENUE, OTTAWA, ONTARIO

CLOSURE

October 3, 2018

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

The site reconnaissance and preparation of this Phase One ESA report was completed by Elsa Hergel, B.Sc. Senior technical review of the report was provided by Tanya Shanoff, P.Geo., QPESA. Credentials of these project team members are provided in **Appendix C**.

Respectfully submitted,

Stantec Consulting Ltd.



Digitally signed by Elsa Hergel
DN: cn=Elsa Hergel, o=Stantec
Consulting Ltd., ou,
email=elsa.hergel@stantec.com,
c=CA
Date: 2018.10.05 12:52:09 -04'00'

Elsa Hergel, B.Sc.
Site Reconnaissance

Phone: (613) 784-2222
Elsa.hergel@stantec.com



Tanya Shanoff, M.Sc., P.Geo., QPESA
Senior Reviewer

Phone: (250) 470-4454
Tanya.shanoff@stantec.com

The objectives and requirements set out in Ontario Regulation 153/04 for a Phase One Environmental Site Assessment were applied in carrying out the environmental site assessment and preparing this report, with the exception that a current legal survey of the Phase One Property signed and sealed by an Ontario Land Surveyor has not been included.

EH/TS/cf

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References

October 3, 2018

9.0 REFERENCES

Information sources obtained and reviewed as part of the records review are listed below.

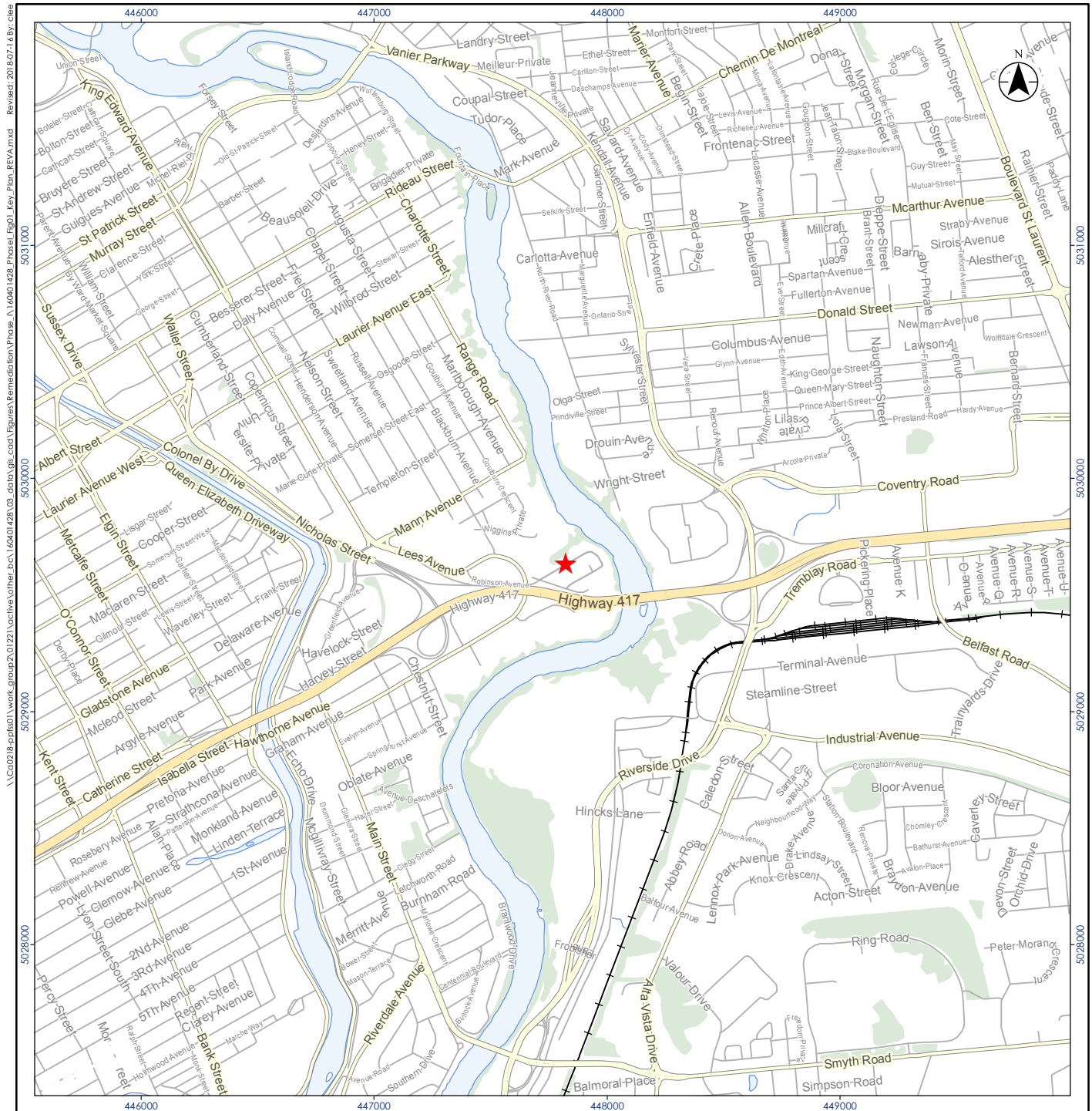
Reference Type/Source	Information/Documents Obtained
Aerial Photographs	<ul style="list-style-type: none"> City of Ottawa geoOttawa website: 1928, 1958, 1965, 1976, 1991, 1999, 2002, 2005, 2007, 2008, 2009, 2011, 2014, 2015, and 2017 National Air Photo Library (Natural Resources Canada): 1933, 1947, and 1981
Title Search	<ul style="list-style-type: none"> ERIS: title search from 1852 to present
Regulatory Infractions	<ul style="list-style-type: none"> A request was made to the MECP through the Freedom of Information and Privacy Protection Office for a search of their records regarding charges and/or convictions of the owners or tenants, or violations of applicable environmental regulations, issued against the Phase One Property. The ERIS report also included a search of the MECP Compliance and Convictions database.
Reportable Spill Occurrences	<ul style="list-style-type: none"> A request was made to the MECP's Spills Action Centre through the Freedom of Information and Privacy Protection Office for a search of their records of reportable spills occurring at the Phase One Property. The ERIS report also included a search of the Ontario Spills database.
Contaminated Sites	<ul style="list-style-type: none"> The ERIS report included a search of the Federal Contaminated Sites Inventory.
Hazardous Waste Generators	<ul style="list-style-type: none"> ERIS – Ontario Regulation 347 Waste Generators Summary.
Landfills	<ul style="list-style-type: none"> ERIS – Waste Disposal Sites ERIS – Anderson's Waste Disposal Sites
Technical Standards and Safety Authority	<ul style="list-style-type: none"> A request to the Technical Standards and Safety Authority (TSSA) was made for a search of their files regarding tank installations, fuelling facilities, outstanding instructions, incident reports, fuel oil spills and/or contamination records respecting the Site.
Water Well Records	<ul style="list-style-type: none"> ERIS - Water Well Information System
ERIS	<ul style="list-style-type: none"> An ERIS report was purchased and consisted of a search of all available databases within a 250 m radius of the Phase One Property.
Topographic Maps	<ul style="list-style-type: none"> City of Ottawa, Map 30 G/5, 1:50,000 – Natural Resources Canada; published in 1998.
Geologic Maps	<ul style="list-style-type: none"> Surficial Geology of Ontario - Google Earth Layer. Bedrock Geology of Ontario - Google Earth Layer.



APPENDICES

Appendix A FIGURES





Notes
 1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.

Legend

- ★ Site Location
- Highway
- Major Road
- Minor Road
- + Railway
- Watercourse
- Waterbody
- Wooded Area

0 250 500 metres
 1:25,000 (at original document size of 8.5x11)



Project Location
 Ottawa, ON
 160401428 REVA
 Prepared by CL on 2018-07-16
 Technical Review by ABC on yyyy-mm-dd
 Independent Review by ABC on yyyy-mm-dd

Client/Project
 TC UNITED GROUP
 PHASE I ESA - 27-31 ROBINSON AVENUE

Figure No.
 1

Key Plan

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

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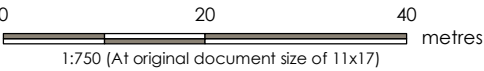
5029700

5029600



Legend

Approximate Site Boundary



- Notes**
1. Coordinate System: NAD 1983 UTM Zone 18N
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
 3. Orthoimagery © City of Ottawa, 2018. Imagery Date, 2017.



Project Location: Ottawa, ON 160401428 REVA
Prepared by CL on 2018-07-16
Technical Review by ABC on yyyy-mm-dd
Independent Review by ABC on yyyy-mm-dd

Client/Project:
TC UNITED GROUP
PHASE I ESA - 27-31 ROBINSON AVENUE

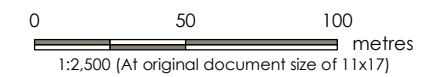
Figure No.
2

Title
Site Plan



Legend

- Approximate Site Boundary
- ➔ Inferred Groundwater Flow Direction
- Study Area



Notes

1. Coordinate System: NAD 1983 UTM Zone 18N
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2018.
3. Orthoimagery © City of Ottawa, 2018. Imagery Date, 2017.



Project Location
Ottawa, ON

160401428 REVA
Prepared by CL on 2018-10-02
Technical Review by ABC on yyyy-mm-dd
Independent Review by ABC on yyyy-mm-dd

Client/Project
TC UNITED GROUP
PHASE I ESA - 27-31 ROBINSON AVENUE

Figure No.

3

Title

Study Area

Appendix B Site Reconnaissance Photographs
October 3, 2018

Appendix B SITE RECONNAISSANCE PHOTOGRAPHS





Photo 1: Multi-tenant residence at 27 Robinson Avenue



Photo 2: Typical apartment unit at 27 Robinson Avenue



Photo 3: Building foundation showing expansion of 27 Robinson Avenue



Photo 4: Shed in backyard at 27 Robinson Avenue



Photo 5: Back of residence at 27 Robinson Avenue

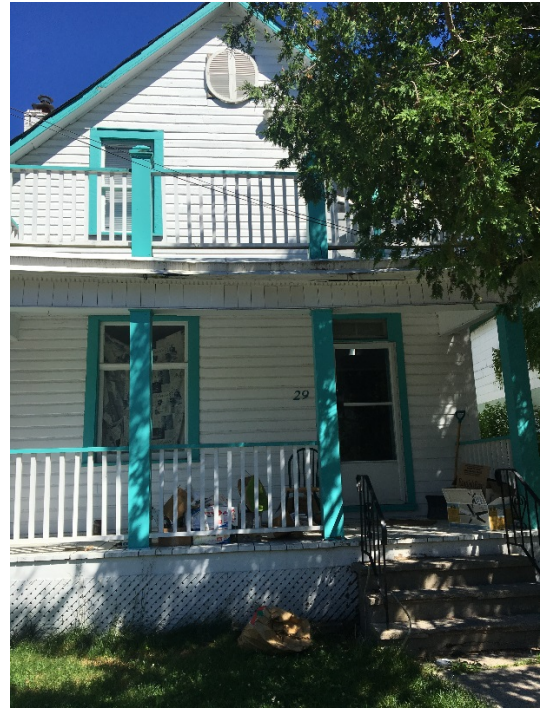


Photo 6: Residence at 29 Robinson Avenue



Photo 7: Partial basement of 29 Robinson Avenue



Photo 8: Back apartment at 29 Robinson Avenue



Photo 9: Backyard of 29 Robinson Avenue



Photo 10: Water stained ceiling tiles at 29 Robinson Avenue



Photo 11: Add-on of rear apartment at 29 Robinson Avenue



Photo 12: Residence at 31 Robinson Avenue



Photo 13: Damaged roof on second floor of 31 Robinson Avenue



Photo 14: Basement of 31 Robinson Avenue



Photo 15: Backyard of 31 Robinson Avenue



Photo 16: Basement window of 31 Robison Avenue, where coal was accessed for heating purposes

Appendix C PROJECT TEAM MEMBERS



Elsa Hergel, B.Sc.
Environmental Scientist



Profile

Elsa Hergel has been working in the area of Phase I Environmental Site Assessments (ESAs) since 2015. Ms. Hergel has been involved in all aspects of a Phase I Environmental Site Assessments (ESAs) including historical research, site reconnaissance and reporting. She has completed numerous Phase I and II ESAs of residential and commercial properties for commercial institutions, property developers, and other clients.

EDUCATION

B.Sc. – University of Guelph, 2015
Guelph, ON
Animal Biology

COMPETENCY

Report Writer
Site Visit

Tanya is a professional geoscientist with 20 years of environmental consulting experience in hydrogeology and project management.

She has worked in Ontario, Quebec, British Columbia, Alberta, the Northwest Territories, Nunavut, and Saskatchewan with private, municipal, provincial, and federal clients. Tanya has experience in a variety of disciplines including emergency planning and response, environmental site assessment, hydrogeological investigations, sampling and monitoring programs, site remediation, and risk assessment. Some of the projects she has been involved in have included studies of a variety of contaminants in groundwater, surface water, soils, and sediments including chlorinated solvents, pesticides and herbicides, PAHs, petroleum hydrocarbons, PCBs, and metal parameters. Many of Tanya's projects have involved consultation with various levels of government (municipal, provincial, and federal).

EDUCATION

Hons B.Sc., University of Waterloo, Department of Earth Sciences, Waterloo, Ontario, 1998

M.Sc., University of Waterloo, Department of Earth Sciences, Hydrogeology and Geochemistry, Waterloo, Ontario, 2002

REGISTRATIONS

Professional Geoscientist #29021, Engineers & Geoscientists British Columbia

Professional Geoscientist #1594, Association of Professional Geoscientists of Ontario

Professional Geoscientist #90016, Association of Professional Engineers and Geoscientists of Alberta

PROJECT EXPERIENCE

Brownfield Remediation and Redevelopment
City of Guelph Community Improvement Plan - Brownfield Update, Guelph, Ontario (Senior Technical Advisor)

Mrs. Shanoff provided senior technical advice on the regulatory implications of the Clean Water Act and associated documents on the updated Community Improvement Plan - Brownfield updated for the City of Guelph. Her guidance is part of a program to update their CIP program to promote use of incentives for developers to re-develop brownfield sites in the urban area of the City of Guelph. Her duties will also include public consultation and liaising with other agencies involved in this project. (2009-2013)

Contaminated Site Development / Investigation

Closed Landfill Site Environmental Monitoring Program Reporting, Ontario (Hydrogeologist)

The Regional Municipality of Peel undertakes environmental monitoring programs at eight (8) closed municipal landfill sites within their boundaries. The Region completes monitoring at each site and provides the results for incorporation into a comprehensive water quality and water level database, and quarterly review of the data to flag any potential concerns. Reporting on the monitoring program results is completed biennially for each site, and includes a comprehensive analysis of water quality trends and identification of areas where additional assessments may be required. (2008-2013)

Environmental Assessments

Manheim Treatment Plant Sediment Disposal Options Program, Kitchener/Waterloo, Ontario (Sediment Specialist)

Mrs. Shanoff worked with the project team to provide a work program and options to the Regional Municipality of Waterloo for managing in excess of 20,000 tonnes of stockpiled sediment near the water treatment plant; which had been removed from on-site treatment ponds. As part of this project, Mrs. Shanoff reviewed reports and worked with the project team to prepare plans to obtain volume calculations and quality data for the stockpiled sediment. Finally, she consulted with the Region's waste disposal site to attempt to determine a best option for managing and/or disposing of the material. The Region is still in the process of considering their options and negotiating with the waste disposal site.

Hidden Valley Sediment Assessment, Kitchener, Ontario (Project Manager)

Mrs. Shanoff was the project manager for a sediment assessment program for the Grand River in the vicinity of the Hidden Valley Weir. She prepared a work plan and budget to undertake a sediment volume and quality assessment in a reach of the River. She coordinated the field personnel, laboratory requirements, obtained the field data, coordinated volume measurements and evaluated sediment quality data. She also prepared a report of the findings for the client. (2009-2010)

Environmental Management

Management of Hydrostatic Test Water Discharge, Sarnia, Ontario (Project Manager/Senior Technical Support)

Mrs. Shanoff worked as the project manager in support of a program to secure permits and approvals to treat over 100,000,000L of hydrostatic test water that was landing in Ontario from a test of a pipeline in the United States. Mrs. Shanoff worked with permitting and compliance team to secure the appropriate permits, and worked with the environmental remediation team to help secure a contractor to treat the water prior to discharge. She also worked with the team on obtaining approvals for discharge of the treated waters to the municipal sewer, and consulted with the MOE on possible discharge to the environment.

Tanya S. Shanoff M.Sc., P.Geo.

Senior Hydrogeologist

Environmental Management, Niagara Falls, Ontario (Project Manager)

Worked as the project manager on an on-going environmental management program to remain in compliance with an existing CofA for the site. This work included completing a round of detailed soil sampling for a baseline study, drilling a deep monitoring well and a bi-monthly groundwater monitoring program. (2008-present)

Management of Emergency Response Planning Program (Project Manager)

Mrs. Shanoff has been working alongside the Emergency Response Planning manager at Northern Gateway Pipelines to help meet the conditions for the construction of the pipeline project in Northern British Columbia since 2013. She has been responsible for scoping the work program with the team annually, developing contracts with sub consultants, tracking staffing and budgeting, supporting regulatory requests and facilitating field work, when required..

Environmental Risk Assessments

Train Derailment/Spill, Northern Ontario (Hydrogeologist)

Mrs. Shanoff provided senior hydrogeological support on this project which is located in a remote location in northern Ontario with limited access most of the year. This project involved non-point source contamination (fuel and hydraulic oil) and included the investigation of multiple media (soil, groundwater, sediment, surface water and plant tissue). Mrs. Shanoff worked with the project team to, collect hydrogeological data to support the ecological risk assessment as part of a submission to the MOE outside Ontario Regulation 153/04. (2009-2013)

Historical Contamination from Pipeline, Ontario—Southwestern ON (Senior Technical Support)

Mrs. Shanoff provided senior hydrogeological support to the project team when investigating and undertaking a phytotoxicological assessment of legacy contamination from a pipeline on an agricultural property. This project involved investigation of soil, groundwater and plant tissue). Mrs. Shanoff worked with the project team to support field programs, review data and provide professional guidance in the completion of a phytotoxicological assessment and communication to the client and regulators (2009-2013)

Bronte Creek Spill Site Hydrogeological Assessment Phase Two Environmental Site Assessment, and Community Based Risk Assessment, Oakville, Ontario (Project Manager / Senior Hydrogeologist)

Project Value: AED 1,200,000

Tanya was the program manager tasked to organize and mobilize a project team to support on a fuel spill site in a complex setting near Bronte Creek in Oakville, Ontario. A release of refined petroleum hydrocarbon product occurred in 2010 and the Stantec team is currently helping the client work towards closure of the site through the completion of a community based risk assessment and supporting works. Tanya is also supporting the team on the monitoring program of the existing groundwater pump and treat system, as well as working with her team to develop long term remediation approaches for soil and groundwater at the site.

Environmental Site Assessments Phase I, II, III
Phase I and II Environmental Site Assessments,
104 Retail Service Stations, Southern Ontario
(Project Manager)

One of the Project Manager who supported in the completion of Phase I and II ESAs for 104 retail service station sites as part of a 60 day due diligence period. (2009)

Soil and Bedrock Investigation, Westover, Ontario
(Senior Technical Advisor)

Mrs. Shanoff prepared a work plan and budget to complete a supplemental Phase II ESA on a site where soil impacts had been identified in proximity to petroleum hydrocarbon pipelines. Based on the results of the Phase II ESA, Mrs. Shanoff helped the project team prepare a work plan and cost estimate to complete a Phase I ESA to identify potential sources of contamination in proximity to the Site as well as carry out and provide Senior Technical oversight on all phases of the project, including supporting on a ecological risk assessment program. (2009-present)

Environmental Investigation, St. George, Ontario
(Project Manager)

Worked as a project manager for an environmental investigation to assess potential impacts to a Walton International holding from adjacent activities at a former bulk plant/cardlock – keylock facility. Completed a limited desktop review of potential environmental concerns with respect to the adjacent property. Based on these findings, prepared a project work plan and budget to assess the potential environmental concerns. Mrs. Shanoff coordinated field staff, managed multiple subcontractors and worked to keep the project on –budget and on-time. (2008-2009)

Phase I and II ESA, Brampton, Ontario (Project Manager)

Worked as a project manager on a Phase I and II ESA as part of data collection for litigation. Duties included preparing cost estimates and work plans, liaising with lawyers and clients. Duties also included organizing and managing multiple subcontractors and field staff. Several obstacles were encountered in this project including jurisdictional issues and adverse field conditions. Work was managed to maintain budget and tight timelines to obtain data for litigation within required dates. Mrs. Shanoff also coordinated and completed senior review of the reporting for this project. (2008-2013)

Environmental Site Remediation

Phase II ESA and Groundwater Assessment, 4-Wing Cold Lake, Cold Lake, Alberta (Senior Hydrogeologist and Quality Reviewer)

Tanya worked as the senior hydrogeologist on the project team to support a data gap analysis of existing environmental information for the area of study at 4-Wing Cold Lake Royal Canadian Air Force Base in Cold Lake, Alberta. Following the gap analysis, she helped the project team prepare a plan for decommissioning compromised monitoring wells at the site, collecting soil and groundwater samples to characterise and update soil and groundwater quality information, as well as prepare a report of the environmental status of the site. The information was then used to update the NCSCS score for the site to help DCC determine if additional ESA and/or remediation work should be recommended for the site.

Tanya S. Shanoff M.Sc., P.Geo.

Senior Hydrogeologist

Domestic Water Well Sampling Program Support, Ontario (Quality Reviewer)

Mrs. Shanoff has provided Quality Reviewer support for domestic water well sampling program communications for residents in the vicinity of the National Fire Lab in Mississippi Mills, Ontario. Mrs. Shanoff works with the team to quarterly review the analytical chemistry from the sampling events and support the completion and delivery of the letters to residents as part of the on-going assessment and remediation work at the site. Community Based Risk

Remediation of Pipeline Release, Oakville, Ontario (Project Manager/Senior Hydrogeologist)

Mrs. Shanoff acted as a project manager and supported the hydrogeology team on the program to develop a viable remediation plan for multiple media, and eventually bring to closure a pipeline release site in an environmentally sensitive area in southern Ontario. Tasks included completing a site assessment, dispatching appropriate contractors and allocating field personnel, preparing summaries of site activities and reviewing budgets, preparing work plans, working with regulators and legal counsel and reporting. (2010-2013)

Site Management & Remediation

Groundwater Monitoring and Sampling Program, Rifle Ranges in Grimsby and Cedar Springs, Ontario (Project Manager / Senior Hydrogeologist)

Mrs. Shanoff acted as the project manager and senior hydrogeologist on a team that completed groundwater monitoring and sampling at two rifle range sites in southwestern Ontario. The program was undertaken to assess and potentially delineate concentrations of contaminants of concern associated with a rifle range activities. The program involved field data and evaluating it against historical data for the site in the context of the CCME framework using the Federal Interim Guidelines for Groundwater as well as providing information for updates of NCSCS form at the completion of the program to re-classify the site. As PM, Mrs. Shanoff was responsible for scope, budget, team coordination, communications and quality deliverables and regular reporting to DND on progress of deliverables and budget status

Victoria Park Lake Improvements, Kitchener, Ontario (Senior Technical Support)

Mrs. Shanoff worked as the senior technical support on a major park improvements project in downtown Kitchener. She worked with the civil engineering team on aspects of characterising the sediment in-situ and ex-situ from the lake, working on strategies to remove the sediment, preparing tendering information for contractors, managing the sediment once removed from the lake, and beginning a pilot program with the City of Kitchener and the Region of Waterloo on innovative approaches to managing the marginally contaminated sediment. (2011-2014)

Line 21 Groundwater Monitoring Program (Senior Hydrogeologist / Quality Review)

Mrs. Shanoff has served as the Senior Hydrogeologist on the project supporting field work with technical expertise, as well as the quality reviewer of the reports produced to date to interpret and summarize data collected at the sites. This project has involved monitoring and sampling of groundwater monitoring wells at five sites along a pipeline route at terminal/station facilities between Zama, AB and Norman Wells, NT. The program has included coordinating field work with operational areas, completing a groundwater monitoring and sampling programs at each site including elevation/position surveying of monitoring wells, collection of physical and chemical data regarding groundwater at the site, as well as compilation and interpretation of annual results into a report.

Domestic Water Well Sampling Program Support, Ontario (Quality Reviewer)

Mrs. Shanoff has provided Quality Reviewer support for domestic water well sampling program communications for residents in the vicinity of the National Fire Lab in Mississippi Mills, Ontario. Mrs. Shanoff works with the team to quarterly review the analytical chemistry from the sampling events and support the completion and delivery of the letters to residents as part of the on-going assessment and remediation work at the site.

Water Resources Management

Ohsweken Intake - Issues, Threat and Conditions Assessment - Clean Water Act, Six Nations Reserve, Ontario (Hydrogeologist)

Tanya worked as the project manager for the issues, threats and conditions assessment for the off-reserve area on behalf of the Six Nations Reserve. She undertook work with her project team as part of the requirements for the Clean Water Act. She managed a large project team including field staff, data management staff and desktop reviewers. Her duties included organizing and participating in meetings with stakeholders, collecting data, analyzing and enumerating threats and conditions for the Intake Protection Zone, evaluating surface water chemistry data for the Grand River to assess potential issues for the Ohsweken Intake, and reporting on the methodology, results and recommendations based on the findings of the work program.

Inventory of Drinking Water Threats – Clean Water Act, Guelph, Ontario (Project Manager)

Mrs. Shanoff has been working as the project manager on the collection and enumeration of drinking water threats for the City of Guelph as part of their requirements for the Clean Water Act. She has been managing a large team including field staff, data management staff and desktop reviewers. Her duties have included review of available environmental data for all businesses in the City of Guelph, analysis of the businesses and land use activities against the Tables of drinking Water Threats, enumeration of the threats and reporting. Her duties will also include consultation with stakeholders and the public in the future. (2008-2013)

Emergency Planning / Response

Emergency Response Planning Program - Northern Gateway Pipelines, Vancouver, British Columbia (Program Manager)

Ms. Shanoff was the program manager working alongside Northern Gateway Pipelines Emergency Management Manager to help develop and establish a program to support meeting the Conditions and Commitments for emergency response planning and preparedness set forth by the NEB for the construction and operation of the pipeline. She was responsible for managing a team of technical experts, preparing contract documents, manage and oversee contractor work, financial management including tracking budgets and execution/completion of work plans, as well as reporting on deliverables (on-going). She also reviewed and provided technical input to programs including the preparation of an execution plan to complete requirements of the Oil Spill Response Plan and related documents, Pre-SCAT data collection program for High Consequence Areas along the pipeline route, supported development of framework and tools for Consultation on Emergency Response Planning, supported review of ER equipment needs for the program and worked with NGP to begin to map out the process and participants for the Scientific Advisory Committee (SAC).

Emergency Response - Oil Spill, Corunna, Ontario (Project Manager)

Acted as the project manager to organize and mobilize a project team to respond to a spill of approximately 100 barrels of sweet crude oil to the underground tile drain system at the site as well as to an off-site ditch. Responded to the site with field coordinator within 24 hours of the spill, allocated field personnel and worked with client manager to facilitate and mobilize specialized team members to the site to address client needs. Helped prepare a plan of action with the client to address immediate response needs as well as plan for site management and monitoring after source was stabilized and removed. Have continued to work with project team to manage the site and reclaim/remediate remaining impacts on-site and off-site as part of an on-going work program.

Environmental Emergency Response Program Including Phase II and III ESA - Pipeline Release, Wrigley, Northwest Territories (Project Manager and Senior Hydrogeologist)

Mrs. Shanoff worked as one of two project managers and Senior Technical support for Hydrogeology on a large sweet crude oil release from an operating pipeline in the Northwest Territories. The site setting was very complex and included discontinuous permafrost conditions as well as a remote location that could only be access by helicopter most of the year. The site was under the NEB's regulatory regime, as such Phase II ESA was completed in general accordance with CSA Z79.01 and results from both the Phase II and III ESA were compared to site specific guidelines derived using the CCME Soil Quality Guidelines and Federal Interim Groundwater Quality Guidelines as well as Health Canada Risk Assessment framework. She worked with the project team to complete Phase II and III ESA environmental site assessments, develop remedial option planning and preparation of a Remedial Action Plan, derive site specific criteria, deployment and operation of a groundwater treatment system, and support on communicating with regulatory bodies. This site was undergoing monitored natural attenuation using a framework consistent with the Federal MNA Guidelines and Reclamation monitoring was completed in 2016 to achieve site closure.

Emergency Response Planning and Preparedness Program - Spectra Energy Pipelines, Edmonton, Alberta (Senior Technical Support / Quality Reviewer)

Mrs. Shanoff worked with a team of technical specialists to develop tools and procedures for the Environmental Unit (EU) at Spectra Pipelines Energy for their liquid pipeline. This included drafting plan and reporting templates for the EU as well as supporting exercises of the tools from Level 1 to Level 3 incidents.

Emergency Response Planning and Preparedness Program - Plains Midstream Pipelines, Calgary, Alberta (Senior Technical Support / Quality Reviewer)

Mrs. Shanoff worked with a team of senior technical specialists to develop tools and procedures for Plains Midstream Pipeline's Environment Unit (EU) for emergency response for their Canadian assets. This included developing an emergency response manual for the EU Leads as well as supporting exercising and training of the EU Leads to prepare for spills on their liquids pipelines network.

Tanya S. Shanoff M.Sc., P.Geo.

Senior Hydrogeologist

Emergency Response Planning and Preparedness Program and Environmental Unit Support, Edmonton, Alberta (Program Lead / Senior Technical Support)

Project Value: AED 500,000

Tanya has worked as the program manager on an environmental emergency preparedness program with Enbridge Pipelines Inc. for the Canadian assets since 2011. She has developed a team of technical experts who have trained to be able to fill the role of Environmental Unit (EU) Lead as well as develop the documents to support in a spill response in the EU. She has worked with her team to develop an emergency response directory for Enbridge staff, planned and executed training and exercising of Stantec and Enbridge staff who are part of or support the EU, and developed templates for EU deliverables, lists of contacts, and contractors, as well as supported more than 50 emergency responses with Enbridge as part of the EU.

Submerged Oil Document for Spill Response - Confidential Client (Author and Project Manager)

Mrs. Shanoff prepared a set of documents regarding submerged and sunken oil assessment, containment and recovery of submerged and sunken oil in freshwater environments in Canada and the US. She reviewed recent literature as well as the company Contingency plans and related documents to align the approach for determining potential presence and then management of submerged and sunken oil in the event of a release to a water body where products may sink or submerge.

Water Intake Risk Assessment for Spill Response - Confidential Client (Senior Technical Lead and Project Manager)

Mrs. Shanoff compiled a team of experts in municipal water treatment systems and in risk assessment to provide guidance on quantifying risks from potential spills of oil products to water bodies in Canada. This including reviewing regulatory information from federal agencies, provincial agencies and municipalities regarding potable water treatment systems, review of current and historical risk assessments regarding impacts of oil spills into water bodies on water treatment systems, development of a list of areas for improvement in knowledge and recommendations for additional studies to better quantify potential impacts from releases near domestic water supplies.

PUBLICATIONS

Use of $\delta^{13}\text{C}$, $\delta^2\text{H}$ and $\delta^{37}\text{Cl}$ Isotopes As a Tool For Differentiating Contaminants in Groundwater.

University of Waterloo, Faculty of Science, Department of Earth Sciences. M.Sc. Thesis Project, 2002.

Isotopic Analysis of Seven Commonly Used Herbicides and Pesticides. University of Waterloo, Faculty of Science, Department of Earth Sciences. Honours B.Sc. Thesis, 1998.

Appendix D Supporting Documentation
October 3, 2018

Appendix D SUPPORTING DOCUMENTATION



City Directory Information Source

Vernon's Ottawa, Ontario, City Directory

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 2011	
Site Listing:	-Address not listed
Adjacent Properties:	
20 Robinson Avenue	-Multi tenant residential
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)

28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 2006/2007	
Site Listing:	-Address not listed
Adjacent Properties:	
20 Robinson Avenue	-Multi tenant residential
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Res (1 tenant)

27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Multi tenant residential

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 2001/2002	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Multi tenant residential
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)

26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Multi tenant residential

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1996/97	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Multi tenant residential
24 Robinson Avenue	-Address not listed

25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Multi tenant residential

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1992	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Multi tenant residential

24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Multi tenant residential

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1987	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	

20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Vacant
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Res (1 tenant)
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Multi tenant residential

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1981/82	
Site Listing:	-Res (1 tenant)

Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-Address not listed
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Res (1 tenant)
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1977/78	

Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-Vacant
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Res (1 tenant)
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario

Year: 1972	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-No Return
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Res (1 tenant)
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Res (1 tenant)
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1967	
Site Listing:	-Address not listed
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Res (1 tenant)
25 Robinson Avenue	-Address not listed
26 Robinson Avenue	-Res (1 tenant)
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Res (1 tenant)
30 Robinson Avenue	-Res (1 tenant)
31 Robinson Avenue	-Address not listed
32 Robinson Avenue	-Res (1 tenant)

35 Robinson Avenue	-Address not listed
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PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1962	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)

32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1957	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Res (1 tenant)
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed

31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1952	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed

30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1947	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed

28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1942	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed

27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1937	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)

26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1932	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed

25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1927	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed

24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1922	
Site Listing:	-Res (1 tenant)
Adjacent Properties:	

20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1917	
Site Listing:	-Res (1 tenant)

Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Res (1 tenant)
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Res (1 tenant)
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario
Year: 1912	

Site Listing:	-Res (1 tenant)
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Address not listed
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Address not listed
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-Res (1 tenant)

PROJECT NUMBER: 20180605194	
Site Address:	29 Robinson Avenue, Ottawa, Ontario

Year: 1907	
Site Listing:	-Address not listed
Adjacent Properties:	
20 Robinson Avenue	-Address not listed
24 Robinson Avenue	-Address not listed
25 Robinson Avenue	-Address not listed
26 Robinson Avenue	-Address not listed
27 Robinson Avenue	-Address not listed
28 Robinson Avenue	-Address not listed
30 Robinson Avenue	-Address not listed
31 Robinson Avenue	-Address not listed
32 Robinson Avenue	-Address not listed
35 Robinson Avenue	-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



DATABASE REPORT

Project Property: *Phase I ESA - 27-31 Robinson Avenue
29 Robinson Avenue
Ottawa ON K1N 8N8
160401428.101.105*

Project No: *160401428.101.105*

Report Type: *Standard Report*

Order No: *20180605194*

Requested by: *Stantec Consulting Ltd.*

Date Completed: *June 11, 2018*

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
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E: info@erisinfo.com

www.erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: *Phase I ESA - 27-31 Robinson Avenue
29 Robinson Avenue Ottawa ON K1N 8N8*

Project No: *160401428.101.105*

Coordinates:

Latitude: *45.418467*
Longitude: *-75.666841*
UTM Northing: *5,029,654.69*
UTM Easting: *447,826.73*
UTM Zone: *UTM Zone 18T*

Elevation: *197 FT
60.18 M*

Order Information:

Order No: *20180605194*
Date Requested: *June 5, 2018*
Requested by: *Stantec Consulting Ltd.*
Report Type: *Standard Report*

Historical/Products:

City Directory Search *CD - Subject Site plus 10 Adjacent Properties*
Insurance Products *Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	17	17
CA	Certificates of Approval	Y	0	8	8
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
DRYCLEANERS	Dry Cleaning Facilities	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	5	5
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired 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
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	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	TSSA 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	1	1
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	5	5
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	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	16	16
Total:			0	72	72

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		ON	W/43.2	0.80	19
2	SPL	UNKNOWN	PRIVATE HOUSE MR. BERNARD SEQUIN 28 ROBINSON AVE 613-235-4130(741-81210) OTTAWA CITY ON K1N 8N9	SSE/45.6	0.73	19
3	WWIS		OTTAWA ON	WNW/63.6	0.30	20
4	PES	ERIC WILLIAM BARCLAY O/A PEST CAUTION	301-20 ROBINSON AVE OTTAWA ON K1N8N9	SSW/66.2	0.69	23
5	EHS		36 Robinson Ave Ottawa ON K1N 8N9	ESE/73.1	0.73	23
6	HINC		13 ROBINSON AVENUE OTTAWA ON K1N 8N8	WSW/82.5	2.39	23
7	ECA	The Regional Municipality of Ottawa-Carleton	Lees Avenue Ottawa ON	SE/92.1	0.69	24
8	WWIS		OTTAWA ON	NNE/97.9	-2.07	24
9	CA	Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa ON K1N 8N7	S/100.8	1.78	27
9	SPL	Hydro Ottawa Limited	23 HURDMAN<UNOFFICIAL> Ottawa ON K1N 8N7	S/100.8	1.78	27
10	EBR	Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa Ontario K1N 8N7 Ottawa ON	S/103.5	1.78	28
10	ECA	Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa ON K1N 8N7	S/103.5	1.78	28
11	BORE		ON	SE/116.3	1.78	28
12	EHS		3 Hurdman Rd Ottawa ON K1N8N6	NW/125.7	1.97	29
13	BORE		ON	SE/126.5	0.69	29
14	WWIS		Ottawa ON	WNW/127.1	3.31	29
15	CA		9 Robinson Ave. Ottawa ON K1N 8N8	SW/128.4	3.75	32
15	ECA	Pegasus Development Corporation	9 Robinson Ave. Ottawa ON K2G 1E8	SW/128.4	3.75	32
16	CA	OTTAWA CITY-LEES AVE.	LEES AVE./HURDMAN RD./ROBINSON OTTAWA CITY ON	S/129.9	1.69	33
17	SPL	PRIVATE OWNER	5-9 HURDMAN STREET MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1N 8N6	WSW/132.6	3.75	33
18	WWIS		OTTAWA ON	NW/136.1	-0.31	33
19	BORE		ON	SE/138.9	1.69	36

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
20	CA	DANBAR HOLDINGS (OTTAWA) LIMITED	ROBINSON AVE/HURDMAN RD. OTTAWA CITY ON	SW/142.7	3.76	37
21	BORE		ON	SE/143.4	1.78	37
22	BORE		ON	ESE/149.2	0.69	38
23	WWIS		Ottawa ON	NW/158.6	3.36	38
24	RST	CANADIAN TIRE PIT STOP	85 ROBINSON AVE OTTAWA ON K1N 8N8	E/169.1	0.28	41
25	WWIS		Ottawa ON	WSW/172.4	5.00	41
26	WWIS		Ottawa ON	ESE/178.1	0.85	44
27	EHS		29 Hurdman Road Ottawa ON	E/179.0	-0.31	47
27	EHS		29 Hurdman Rd Ottawa ON K1N8N7	E/179.0	-0.31	47
27	GEN	OTTAWA, CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	47
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	48
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	48
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	48
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	49
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	49
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E/179.0	-0.31	50
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E/179.0	-0.31	50
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E/179.0	-0.31	50
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E/179.0	-0.31	51
27	GEN	OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E/179.0	-0.31	51
27	INC		29 Hurdman Road, Ottawa ON	E/179.0	-0.31	51
27	SPL	City of Ottawa	29 Hurdman Road Ottawa ON	E/179.0	-0.31	52
27	SPL	City of Ottawa	29 Hurdman Avenue Ottawa ON K1N 8N7	E/179.0	-0.31	53
28	WWIS		Ottawa ON	SE/191.2	0.94	53
29	WWIS		Ottawa ON	SE/192.3	0.94	56
30	EHS		310 Wiggins Pvt Ottawa ON K1N1B1	NW/193.5	6.05	59

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
31	BORE		ON	WSW/197.1	4.90	59
32	WWIS		Ottawa ON	SE/197.3	0.94	60
32	WWIS		Ottawa ON	SE/197.3	0.94	63
33	BORE		ON	WSW/200.1	5.84	66
34	GEN	Ottawa Housing Corporation	310 Wiggins ottawa ON K1N 1B1	WNW/204.8	6.05	66
35	CA	DANBAR HOLDINGS (OTTAWA) LIMITED	ROBINSON AVE/LEES AVE. OTTAWA CITY ON	WSW/207.7	4.67	67
35	CA	DANBAR HOLDINGS (OTTAWA) LIMITED	LEES AVE./ROBINSON AVE., CSO OTTAWA CITY ON	WSW/207.7	4.67	67
36	BORE		ON	SW/208.9	4.67	67
37	BORE		ON	WSW/211.7	5.65	68
38	BORE		ON	SW/212.4	4.67	68
39	BORE		ON	ESE/219.6	0.73	69
40	BORE		ON	SW/219.8	4.67	69
41	WWIS		Ottawa ON	S/220.7	1.69	70
42	BORE		ON	SW/224.2	4.78	72
43	BORE		ON	ESE/224.8	-0.14	72
44	BORE		ON	SW/234.2	4.78	73
45	WWIS		Ottawa ON	W/234.2	7.56	73
46	CA	REGIONAL MUNICIPALITY OF OTTAWA CARLETON	195 LEES AVE. OTTAWA CITY ON	SW/238.1	3.73	7
46	CA	City of Ottawa	195 Lees Avenue Ottawa ON	SW/238.1	3.73	76
46	ECA	City of Ottawa	195 Lees Avenue Ottawa ON K1P 1J1	SW/238.1	3.73	77
47	WWIS		Ottawa ON	SSE/242.8	1.69	77
48	BORE		ON	SW/243.9	4.69	79
49	WWIS		Ottawa ON	SW/249.5	3.73	79
50	BORE		ON	SW/249.7	3.84	82

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 17 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SE	116.33	<u>11</u>
	ON	SE	126.47	<u>13</u>
	ON	SE	138.93	<u>19</u>
	ON	SE	143.36	<u>21</u>
	ON	ESE	149.22	<u>22</u>
	ON	WSW	197.05	<u>31</u>
	ON	WSW	200.15	<u>33</u>
	ON	SW	208.85	<u>36</u>
	ON	WSW	211.67	<u>37</u>
	ON	SW	212.40	<u>38</u>
	ON	ESE	219.57	<u>39</u>
	ON	SW	219.78	<u>40</u>
	ON	SW	224.21	<u>42</u>
	ON	SW	234.19	<u>44</u>
	ON	SW	243.94	<u>48</u>
	ON	SW	249.66	<u>50</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ESE	224.76	<u>43</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 8 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa ON K1N 8N7	S	100.79	<u>9</u>
	9 Robinson Ave. Ottawa ON K1N 8N8	SW	128.36	<u>15</u>
OTTAWA CITY-LEES AVE.	LEES AVE./HURDMAN RD./ROBINSON OTTAWA CITY ON	S	129.93	<u>16</u>
DANBAR HOLDINGS (OTTAWA) LIMITED	ROBINSON AVE/HURDMAN RD. OTTAWA CITY ON	SW	142.66	<u>20</u>
DANBAR HOLDINGS (OTTAWA) LIMITED	ROBINSON AVE/LEES AVE. OTTAWA CITY ON	WSW	207.67	<u>35</u>
DANBAR HOLDINGS (OTTAWA) LIMITED	LEES AVE./ROBINSON AVE., CSO OTTAWA CITY ON	WSW	207.67	<u>35</u>
City of Ottawa	195 Lees Avenue Ottawa ON	SW	238.08	<u>46</u>
REGIONAL MUNICIPALITY OF OTTAWA CARLETON	195 LEES AVE. OTTAWA CITY ON	SW	238.08	<u>46</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994-Feb 28, 2018 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa Ontario K1N 8N7 Ottawa ON	S	103.53	<u>10</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Apr 30, 2018 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Regional Municipality of Ottawa-Carleton	Lees Avenue Ottawa ON	SE	92.11	<u>7</u>
Kelly's Auto Body (1984) Limited	23 Hurdman Road Ottawa ON K1N 8N7	S	103.53	<u>10</u>
Pegasus Development Corporation	9 Robinson Ave. Ottawa ON K2G 1E8	SW	128.36	<u>15</u>
City of Ottawa	195 Lees Avenue Ottawa ON K1P 1J1	SW	238.08	<u>46</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of

the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	36 Robinson Ave Ottawa ON K1N 8N9	ESE	73.10	5
	3 Hurdman Rd Ottawa ON K1N8N6	NW	125.74	12
	310 Wiggins Pvt Ottawa ON K1N1B1	NW	193.47	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	29 Hurdman Rd Ottawa ON K1N8N7	E	178.97	27
	29 Hurdman Road Ottawa ON	E	178.97	27

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-December 31, 2017 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa Housing Corporation	310 Wiggins ottawa ON K1N 1B1	WNW	204.83	34

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA, CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E	178.97	27
OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E	178.97	27

OTTAWA, CORPORATION OF THE CITY OF	29 HURDMAN ROAD OTTAWA ON K1G-5X5	E	178.97	27
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HINC - TSSA Historic Incidents

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	13 ROBINSON AVENUE OTTAWA ON K1N 8N8	WSW	82.54	6

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	29 Hurdman Road, Ottawa ON	E	178.97	27

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2018 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ERIC WILLIAM BARCLAY O/A PEST CAUTION	301-20 ROBINSON AVE OTTAWA ON K1N8N9	SSW	66.20	4

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-Jan 31, 2018 has found that there are 1 RST site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CANADIAN TIRE PIT STOP	85 ROBINSON AVE OTTAWA ON K1N 8N8	E	169.06	24

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2018 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
UNKNOWN	PRIVATE HOUSE MR. BERNARD SEQUIN 28 ROBINSON AVE 613- 235-4130(741-81210) OTTAWA CITY ON K1N 8N9	SSE	45.60	2
Hydro Ottawa Limited	23 HURDMAN<UNOFFICIAL> Ottawa ON K1N 8N7	S	100.79	9

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE OWNER	5-9 HURDMAN STREET MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1N 8N6	WSW	132.65	17

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	29 Hurdman Avenue Ottawa ON K1N 8N7	E	178.97	27
City of Ottawa	29 Hurdman Road Ottawa ON	E	178.97	27

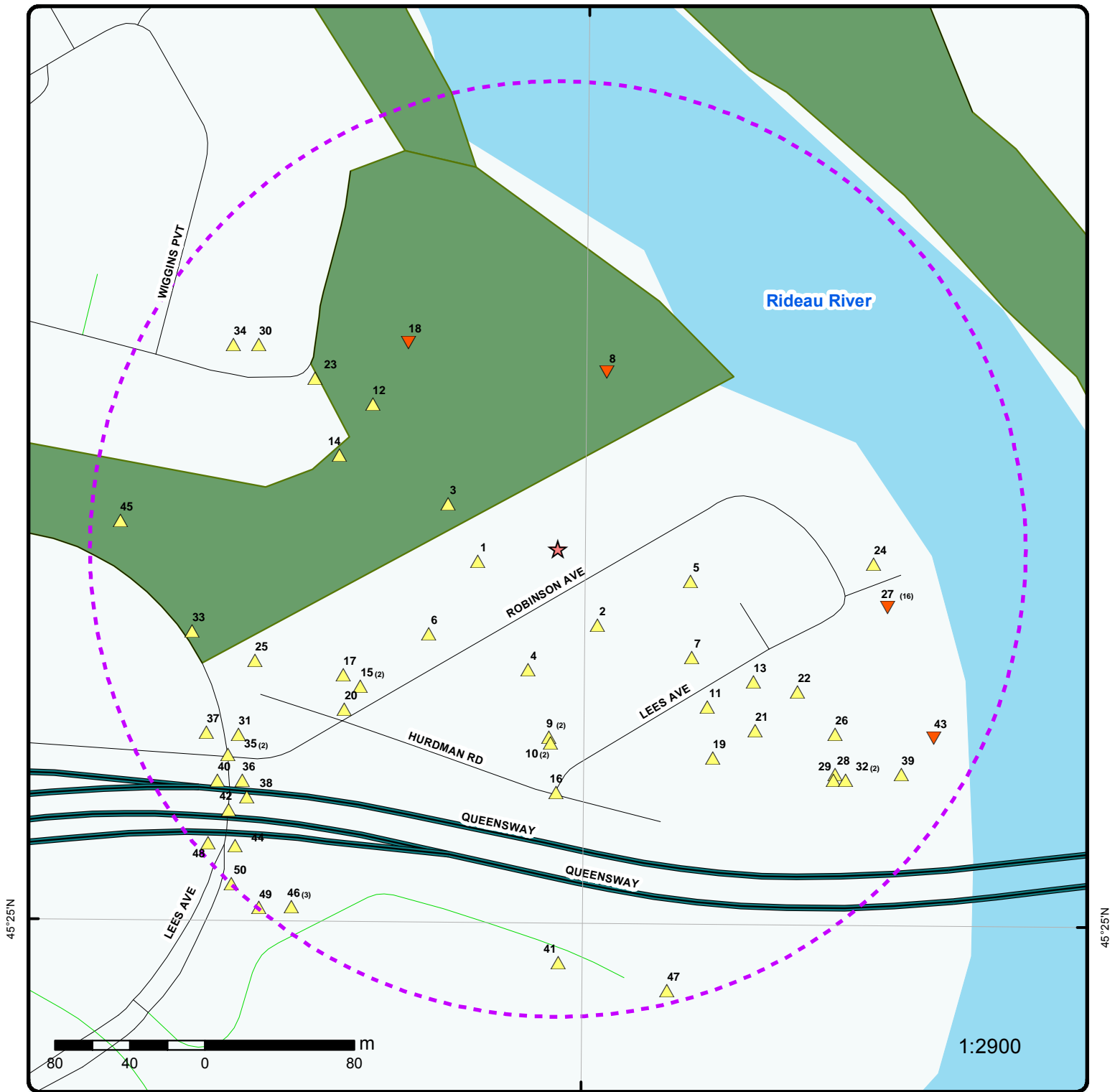
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	W	43.25	1
	OTTAWA ON	WNW	63.56	3
	Ottawa ON	WNW	127.11	14
	Ottawa ON	NW	158.64	23
	Ottawa ON	WSW	172.39	25
	Ottawa ON	ESE	178.11	26
	Ottawa ON	SE	191.18	28
	Ottawa ON	SE	192.32	29
	Ottawa ON	SE	197.34	32
	Ottawa ON	SE	197.34	32
	Ottawa ON	S	220.69	41
	Ottawa ON	W	234.23	45
	Ottawa ON	SSE	242.78	47
	Ottawa ON	SW	249.51	49

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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OTTAWA ON	NNE	97.90	<u>8</u>
OTTAWA ON	NW	136.11	<u>18</u>



Map : 0.25 Kilometer Radius

Order No: 20180605194

Address: 29 Robinson Avenue, Ottawa, ON, K1N 8N8

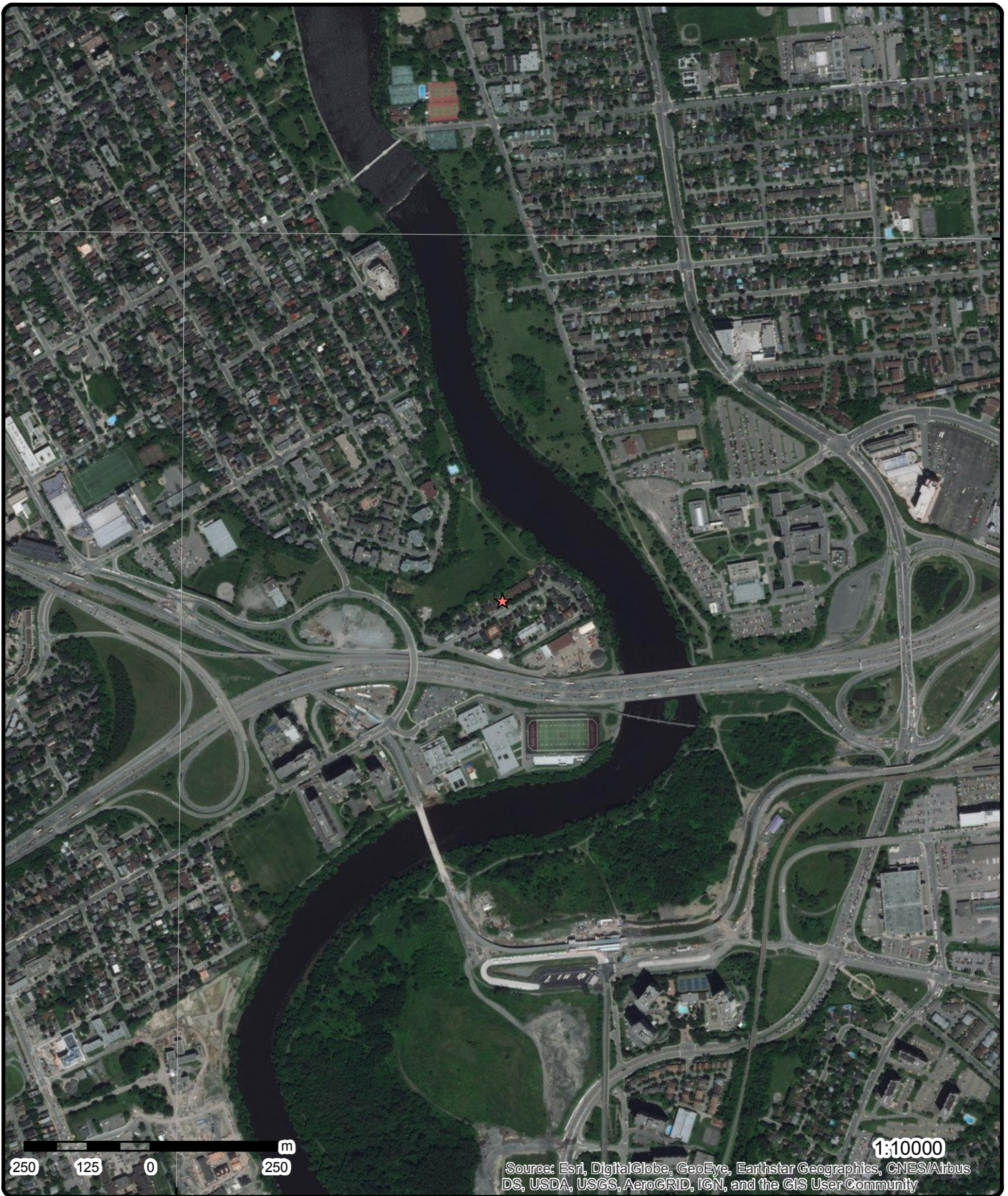


- | | | | |
|-------------------------------------|----------------------|-----------------------------------|--------------------------------|
| ★ Project Property | Expressway | Industrial and Resource - Regions | National Park |
| ⬡ Buffer Outline | Principal Highway | Main Line | Provincial or Territorial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

75°40'30"W

45°25'30"N

45°25'30"N



Aerial (2017)

Address: 29 Robinson Avenue, Ottawa, ON, K1N 8N8

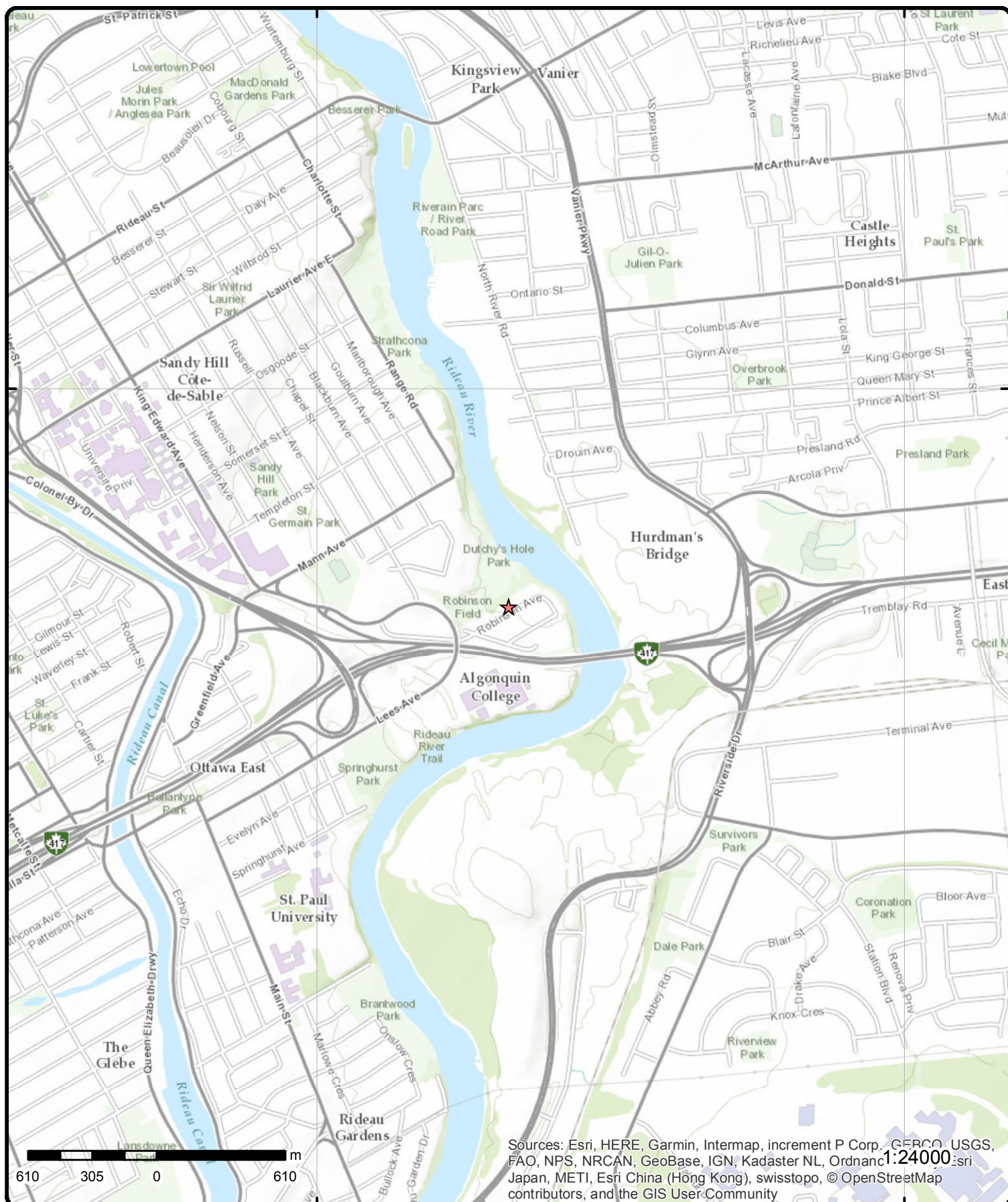
Source: ESRI World Imagery

Order No: 20180605194

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ENVIRONMENTAL RISK INFORMATION SERVICES



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Topographic Map

Address: 29 Robinson Avenue, Ottawa, ON, K1N 8N8

Source: ESRI World Topographic Map

Order No: 20180605194



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/43.2	61.0 / 0.80	ON	WWIS
<div> <div> Well ID: 7233242 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: C22614 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: </div> <div> Data Entry Status: Yes Data Src: Date Received: 12/9/2014 Selected Flag: Yes Abandonment Rec: Contractor: 1844 Form Version: 8 Owner: Street Name: County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
<u>Bore Hole Information</u>					
<div> <div> Bore Hole ID: 1005253386 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 09-DEC-14 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: </div> <div> Elevation: 60.32 Elevrc: Zone: 18 East83: 447784 Org CS: UTM83 North83: 5029648 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr </div> </div>					
2	1 of 1	SSE/45.6	60.9 / 0.73	UNKNOWN PRIVATE HOUSE MR. BERNARD SEQUIN 28 ROBINSON AVE 613-235-4130(741-81210) OTTAWA CITY ON K1N 8N9	SPL
<div> <div> Ref No: 1788 Site No: Incident Dt: 3/26/1988 Year: Incident Cause: ABOVE-GROUND TANK LEAK Incident Event: Contaminant Code: </div> <div> Discharger Report: Material Group: Client Type: Sector Type: Source Type: Nearest Watercourse: Site Name: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Environment Impact: POSSIBLE Nature of Impact: SOIL CONTAMINATION Receiving Medium: LAND Receiving Env: Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 3/29/1988 Dt Document Closed: SAC Action Class: Incident Reason: CORROSION Incident Summary: PRIVATE HOUSE- NOTICED FURNACE OIL ENTERING THE BASEMENT.				Site Address: Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: 20101 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:	
<u>3</u>	1 of 1	WNW/63.6	60.5 / 0.30	OTTAWA ON	WWIS
Well ID: 7292938 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Monitoring Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z258446 Tag: A182468 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Data Entry Status: Data Src: Date Received: 8/18/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 3 HARDEN ROAD County: OTTAWA-CARLETON Municipality: OTTAWA CITY Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1006711162 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 19-JUL-17 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 60.14 Elevrc: Zone: 18 East83: 447768 Org CS: UTM83 North83: 5029679 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1006843487			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
Formation ID:		1006843488			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		4.57			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
Formation ID:		1006843486			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		.31			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
Formation ID:		1006843485			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006843497			
Layer:		2			
Plug From:		.31			
Plug To:		2.74			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006843498			
Layer:		3			
Plug From:		2.74			
Plug To:		6.1			
Plug Depth UOM:		m			
Plug ID:		1006843496			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006843495			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1006843484			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006843491			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006843492			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1006843490			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1006843489			
Diameter:		11.4			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>4</u>	1 of 1	SSW/66.2	60.9 / 0.69	ERIC WILLIAM BARCLAY O/A PEST CAUTION 301-20 ROBINSON AVE OTTAWA ON K1N8N9	PES
Licence No:	09701			Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:	02			Operator No:	
Licence Type:	Active Operator Licence			Operator Type:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	613
Region:				Ext:	
District:				Oper Phone No:	2629761
County:				Proponent Ext:	
<u>5</u>	1 of 1	ESE/73.1	60.9 / 0.73	36 Robinson Ave Ottawa ON K1N 8N9	EHS
Order ID:	223169			Date Received:	10-OCT-12
Order No:	20121010007			Lot/Building Size:	0.18 hectare
Customer ID:	78267			Municipality:	Ottawa
Company ID:	49465			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	2
Report Type:	Standard Report			X:	-75.665931
Report Date:	18-OCT-12			Y:	45.418317
Report Requested by:	Kollaard Associates Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
<u>6</u>	1 of 1	WSW/82.5	62.6 / 2.39	13 ROBINSON AVENUE OTTAWA ON K1N 8N8	HINC
External File Num:	FS INC 0810-06586				
Date of Occurrence:					
Fuel Occurrence Type:					
Fuel Type Involved:					
Status Desc::	Completed - No Action Required				
Job Type Desc::	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved::					
Service Interruptions::					
Property Damage::					
Fuel Life Cycle Stage::					
Root Cause::					
Reported Details::	Non-mandated. Regional Supervisor Stu Seaton advises that the source of the CO is not related to ny				
Fuel Category::	Unknown				
Occurrence Type::	Incident				
Affiliation::	Emergency Services (Fire, Police,etc)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
County Name::		Ottawa			
Approx. Quant. Rel::					
Nearby body of water::					
Enter Drainage Syst.::					
Approx. Quant. Unit::					
Environmental Impact::					
7	1 of 1	SE/92.1	60.9 / 0.69	The Regional Municipality of Ottawa-Carleton Lees Avenue Ottawa ON	ECA
Approval No:		8377-4MUJUZ		SWP Area Name: Rideau Valley	
Approval Date:		2000-08-08		MOE District: Ottawa	
Status:		Approved		City:	
Record Type:		ECA		Longitude: -75.66592	
Link Source:		IDS		Latitude: 45.41795	
Approval Type:		ECA-Municipal and Private Water Works			
Project Type:		Municipal and Private Water Works			
Address:		Lees Avenue			
Full Address:					
Full PDF Link:					
8	1 of 1	NNE/97.9	58.1 / -2.07	OTTAWA ON	WWIS
Well ID:		7292936		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 8/18/2017	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Monitoring and Test Hole		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z258441		Owner:	
Tag:		A182467		Street Name: 3 HARDEN ROAD	
Construction Method:				County: OTTAWA-CARLETON	
Elevation (m):				Municipality: OTTAWA CITY	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006711141		Elevation: 57.43	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 447853	
Code OB Desc:				Org CS: UTM83	
Open Hole:				North83: 5029749	
Cluster Kind:				UTMRC: 4	
Date Completed:		19-JUL-17		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006843458			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		1.5			
Formation End Depth:		2.94			
Formation End Depth UOM:		m			
Formation ID:		1006843459			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		2.94			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
Formation ID:		1006843457			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		.31			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
Formation ID:		1006843456			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1006843469			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
Plug ID:		1006843468			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
Plug ID:		1006843467			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006843466			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DIRECT PUSH			
<u>Pipe Information</u>					
Pipe ID:		1006843455			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006843462			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006843463			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1006843461			
Layer:					

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 2	S/103.5	62.0 / 1.78	Kelly's Auto Body (1984) Limited 23 Hurdman Road Ottawa Ontario K1N 8N7 Ottawa ON	EBR
EBR Registry No.:		IA02E1108			
Ministry Ref. No.:		8345-5DX2QH			
Company Name:		Kelly's Auto Body (1984) Limited			
Notice Type:		Instrument Decision			
Notice Date:		March 10, 2003			
Proposal Date:		September 18, 2002			
Year:		2002			
Proponent Address:		23 Hurdman Road, Ottawa Ontario, K1N 8N7			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Location Other:					
Location:					
23 Hurdman Road Ottawa Ontario K1N 8N7 Ottawa					
10	2 of 2	S/103.5	62.0 / 1.78	Kelly's Auto Body (1984) Limited 23 Hurdman Road Ottawa ON K1N 8N7	ECA
Approval No:		2062-5JRU49		SWP Area Name: Rideau Valley	
Approval Date:		2003-03-04		MOE District: Ottawa	
Status:		Approved		City: Ottawa	
Record Type:		ECA		Longitude: -75.6669539999999	
Link Source:		IDS		Latitude: 45.41755	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		23 Hurdman Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/8345-5DX2QH-14.pdf			
11	1 of 1	SE/116.3	62.0 / 1.78	ON	BORE
Borehole ID:		802678		Type: Borehole	
Use:		Geotechnical/Geological Investigation			
Drill Method::		Hollow stem auger			
Easting::		447906.7			
Location Accuracy::					
Elev. Reliability Note::					
Total Depth m::		6.7		Orig. Ground Elev m:: 61.2	
Township::		DEM Ground Elev m:: 59.5			
Lot::		Primary Name:: BH 2			
Completion Date::		11-FEB-1982		Concession::	
Primary Water Use::		Municipality:			
				Static Water Level:: 4.4	
		Sec. Water Use::			
--Details--					
Stratum ID:		218573092		Top Depth(m): 0.0	
Bottom Depth(m):		0.3		Stratum Desc: Dark Grey Fill-Misc sand silt With: Gr W Brk Frag	
Stratum ID:		218573093		Top Depth(m): 0.3	
Bottom Depth(m):		0.5		Stratum Desc: Concrete	
Stratum ID:		218573094		Top Depth(m): 0.5	
Bottom Depth(m):		1.2		Stratum Desc: Dark Brown Fill-Misc sand silt With: Gr W Brk	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
					Frag
Stratum ID:	218573095			Top Depth(m):	1.2
Bottom Depth(m):	1.4			Stratum Desc:	Brown sand silt With: Org M
Stratum ID:	218573096			Top Depth(m):	1.4
Bottom Depth(m):	6.7			Stratum Desc:	Dark Brown to Grey Compact to Loose Till sand silt With: Cl W Gr Occasional: Cob Occ Blds
12	1 of 1	NW/125.7	62.1 / 1.97	3 Hurdman Rd Ottawa ON K1N8N6	EHS
Order ID:	494987			Date Received:	11-JAN-17
Order No:	20170111079			Lot/Building Size:	
Customer ID:	136693			Municipality:	Ottawa
Company ID:	333			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	4CAN			Large Radius:	.3
Report Type:	Custom Report			X:	-75.668112
Report Date:	08-FEB-17			Y:	45.419159
Report Requested by:	AMEC Foster Wheeler Environment & Infrastructure				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	City Directory				
13	1 of 1	SE/126.5	60.9 / 0.69	ON	BORE
Borehole ID:	802680			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	447931.38			Northing::	5029583.69
Location Accuracy::				Orig. Ground Elev m::	60.9
Elev. Reliability Note::				DEM Ground Elev m::	59.4
Total Depth m::	12			Primary Name::	BH 3
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	11-FEB-1982			Static Water Level::	4.7
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218573104			Top Depth(m):	0.0
Bottom Depth(m):	0.4			Stratum Desc:	Dark Grey Cinder Ash
Stratum ID:	218573105			Top Depth(m):	0.4
Bottom Depth(m):	0.5			Stratum Desc:	Brown Topsoil Silt
Stratum ID:	218573106			Top Depth(m):	0.5
Bottom Depth(m):	12.0			Stratum Desc:	Dark Brown to Grey Compact to Loose Till sand silt With: Cl W Gr Occasional: Cob Occ Blds
14	1 of 1	WNW/127.1	63.5 / 3.31	Ottawa ON	WWIS
Well ID:	7293328			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/18/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z258445			Owner:	
Tag:	A182469			Street Name:	3 HURDMAN ROAD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1006710697			Elevation:	61.84
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447710
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029705
Cluster Kind:				UTMRC:	4
Date Completed:	19-JUL-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006830508				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	.31				
Formation End Depth UOM:	m				
Formation ID:	1006830509				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:	81				
Other Materials:	SANDY				
Formation Top Depth:	.31				
Formation End Depth:	2.74				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth UOM:		m			
Formation ID:		1006830510			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:		81			
Other Materials:		SANDY			
Formation Top Depth:		2.74			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006830520			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
Plug ID:		1006830518			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1006830519			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006830517			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006830507			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006830513			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006830514			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1006830512			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006830511			
Diameter:		11.4			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
15	1 of 2	SW/128.4	63.9 / 3.75	9 Robinson Ave. Ottawa ON K1N 8N8	CA
Certificate #:		7132-4N2QFS			
Application Year:		00			
Issue Date:		8/11/00			
Approval Type:		Municipal & Private sewage			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name::		Pegasus Development Corporation			
Client Address::		1914 Merivale Rd.			
Client City::		Nepean			
Client Postal Code::		K2G 1E8			
Project Description::		Storm & Sanitary Sewers			
Contaminants::					
Emission Control::					
15	2 of 2	SW/128.4	63.9 / 3.75	Pegasus Development Corporation 9 Robinson Ave. Ottawa ON K2G 1E8	ECA
Approval No:		7132-4N2QFS		SWP Area Name:	Rideau Valley
Approval Date:		2000-08-11		MOE District:	Ottawa
Status:		Approved		City:	Ottawa
Record Type:		ECA		Longitude:	-75.67134
Link Source:		IDS		Latitude:	45.417545
Approval Type:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Address:		9 Robinson Ave.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4482-4MBPU4-14.pdf					
16	1 of 1	S/129.9	61.9 / 1.69	OTTAWA CITY-LEES AVE. LEES AVE./HURDMAN RD./ROBINSON OTTAWA CITY ON	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::		3-0584-90-90 4/18/1990 Municipal sewage Approved			
17	1 of 1	WSW/132.6	63.9 / 3.75	PRIVATE OWNER 5-9 HURDMAN STREET MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1N 8N6	SPL
Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: SAC Action Class: Incident Reason: Incident Summary:		74304 8/6/1992 OTHER CONTAINER LEAK NOT ANTICIPATED LAND INTENTIONAL/PLANNED PRIVATE VEHICLE: 10 L MOTOR OIL DUMPED ON ROAD/CATCHBASIN			
Discharger Report: Material Group: Client Type: Sector Type: Source Type: Nearest Watercourse: Site Name: Site Address: Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:		20101 CITY OF OTTAWA			
18	1 of 1	NW/136.1	59.9 / -0.31	OTTAWA ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type:		7292937 Test Hole Monitoring Monitoring and Test Hole			
		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:			
		8/18/2017 Yes 7241			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing Material:				Form Version:	7
Audit No:	Z258444			Owner:	
Tag:	A182466			Street Name:	3 HARDMAN ROAD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1006711159			Elevation:	59.7
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447747
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029765
Cluster Kind:				UTMRC:	4
Date Completed:	19-JUL-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006843472				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:	05				
Other Materials:	CLAY				
Formation Top Depth:	.31				
Formation End Depth:	3.1				
Formation End Depth UOM:	ft				
Formation ID:	1006843473				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:					
Other Materials:					
Formation Top Depth:	3.1				
Formation End Depth:	4.57				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		1006843471			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006843481			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		ft			
Plug ID:		1006843483			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		ft			
Plug ID:		1006843482			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006843480			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006843470			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006843476			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		5.2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1006843477			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1006843475			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006843474			
Diameter:		11.4			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

19	1 of 1	SE/138.9	61.9 / 1.69	ON	BORE
Borehole ID:	802676			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	447909.47			Northing::	5029543.1
Location Accuracy::				Orig. Ground Elev m::	61.5
Elev. Reliability Note::				DEM Ground Elev m::	60.9
Total Depth m::	10.2			Primary Name::	BH 1
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	09-FEB-1982			Static Water Level::	4.3
Primary Water Use::				Sec. Water Use::	
<u>--Details--</u>					
Stratum ID:	218573078			Top Depth(m):	0.0
Bottom Depth(m):	0.1			Stratum Desc:	Concrete
Stratum ID:	218573079			Top Depth(m):	0.1
Bottom Depth(m):	0.6			Stratum Desc:	Dark Brown Fill-Misc sand silt Trace: Gr Tr Brk Frag
Stratum ID:	218573080			Top Depth(m):	0.6
Bottom Depth(m):	1.1			Stratum Desc:	Dark Brown sand silt With: Org M
Stratum ID:	218573081			Top Depth(m):	1.1
Bottom Depth(m):	2.9			Stratum Desc:	Brown Compact to Dense Till sand silt With: Cl W Gr
Stratum ID:	218573082			Top Depth(m):	2.9
Bottom Depth(m):	4.0			Stratum Desc:	Brown Dense Sand

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	218573083 5.5			Top Depth(m): Stratum Desc:	4.0 Grey Dense Till Silt - Sand With: Gr W Cob Trace: Cl
Stratum ID: Bottom Depth(m):	218573084 10.1			Top Depth(m): Stratum Desc:	5.5 Dark Grey Compact to Dense Till Silt - Sand With: Cl W Gr W Blds
Stratum ID: Bottom Depth(m):	218573085 10.2			Top Depth(m): Stratum Desc:	10.1 Bedrock Shale

20	1 of 1	SW/142.7	63.9 / 3.76	DANBAR HOLDINGS (OTTAWA) LIMITED ROBINSON AVE/HURDMAN RD. OTTAWA CITY ON	CA
Certificate #: 7-1132-97- Application Year: 97 Issue Date: 10/17/1997 Approval Type: Municipal water Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					

21	1 of 1	SE/143.4	62.0 / 1.78	ON	BORE
Borehole ID: 802682 Use: Geotechnical/Geological Investigation Drill Method:: Hollow stem auger Easting:: 447932.27 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 6.7 Township:: Lot:: Completion Date:: 10-FEB-1982 Primary Water Use::					
Type: Borehole Status:: UTM Zone:: 18 Northing:: 5029557.68 Orig. Ground Elev m:: 61.8 DEM Ground Elev m:: 59.8 Primary Name:: BH 4 Concession:: Municipality: Static Water Level:: -999.9 Sec. Water Use::					
--Details--					
Stratum ID: Bottom Depth(m):	218573113 0.1			Top Depth(m): Stratum Desc:	0.0 Concrete
Stratum ID: Bottom Depth(m):	218573114 1.2			Top Depth(m): Stratum Desc:	0.1 Dark Grey to Black Cinder Ash
Stratum ID: Bottom Depth(m):	218573115 1.4			Top Depth(m): Stratum Desc:	1.2 Dark Brown Topsoil Silt
Stratum ID: Bottom Depth(m):	218573116 2.0			Top Depth(m): Stratum Desc:	1.4 Brown Compact sand silt
Stratum ID: Bottom Depth(m):	218573117 6.7			Top Depth(m): Stratum Desc:	2.0 Dark Brown to Grey Dense to Loose Till sand silt With: Cl W Gr Occasional: Cob Occ Blds

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	ESE/149.2	60.9 / 0.69	ON	BORE
Borehole ID: 802685					
Use: Geotechnical/Geological Investigation					
Drill Method:: Hollow stem auger					
Easting:: 447954.87					
Location Accuracy::					
Elev. Reliability Note::					
Total Depth m:: 9.1					
Township::					
Lot::					
Completion Date:: 12-FEB-1982					
Primary Water Use::					
Type: Borehole					
Status::					
UTM Zone:: 18					
Northing:: 5029578.25					
Orig. Ground Elev m:: 61.8					
DEM Ground Elev m:: 59.7					
Primary Name:: BH 5					
Concession::					
Municipality:					
Static Water Level:: 4.4					
Sec. Water Use::					
--Details--					
Stratum ID: 218573129					
Bottom Depth(m): 1.5					
Top Depth(m): 0.0					
Stratum Desc: Dark Grey Very Loose Fill-Misc sand silt With: Brk Frag W Blds W Org M					
Stratum ID: 218573130					
Bottom Depth(m): 2.0					
Top Depth(m): 1.5					
Stratum Desc: Brown Compact Layered Sandy Silt & Silty Sand					
Stratum ID: 218573131					
Bottom Depth(m): 9.1					
Top Depth(m): 2.0					
Stratum Desc: Dark Brown to Grey Compact to Loose Till sand silt With: Cl W Gr Occasional: Cob Occ Blds					
23	1 of 1	NW/158.6	63.5 / 3.36	Ottawa ON	WWIS
Well ID: 7284721					
Construction Date:					
Primary Water Use: Test Hole					
Sec. Water Use: Monitoring					
Final Well Status: Monitoring and Test Hole					
Water Type:					
Casing Material:					
Audit No: Z250775					
Tag: A190085					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received: 4/10/2017					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 7241					
Form Version: 7					
Owner:					
Street Name: 430 WIGGINS PVT					
County: OTTAWA-CARLETON					
Municipality: NEPEAN TOWNSHIP					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Bore Hole Information					
Bore Hole ID: 1006377925					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Elevation: 62.84					
Elevrc:					
Zone: 18					
East83: 447697					
Org CS: UTM83					
North83: 5029746					
UTMRC: 4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:		23-MAR-17		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006639043			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
Formation ID:		1006639046			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		2.44			
Formation End Depth:		3.35			
Formation End Depth UOM:		m			
Formation ID:		1006639045			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		.91			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
Formation ID:		1006639044			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:					
Most Common Material:					
Mat2:		60			
Other Materials:		CEMENTED			
Mat3:					
Other Materials:					
Formation Top Depth:		.61			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth:		.91			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006639056			
Layer:		2			
Plug From:		.31			
Plug To:		1.5			
Plug Depth UOM:		m			
Plug ID:		1006639057			
Layer:		3			
Plug From:		1.5			
Plug To:		3.35			
Plug Depth UOM:		m			
Plug ID:		1006639055			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006639054			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		DP			
 <u>Pipe Information</u>					
Pipe ID:		1006639042			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006639050			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.83			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1006639051			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.83			
Screen End Depth:		3.35			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			

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

Water ID: 1006639049
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006639048
Diameter: 5.71
Depth From: .91
Depth To: 3.35
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole ID: 1006639047
Diameter: 8
Depth From: 0
Depth To: .941
Hole Depth UOM: m
Hole Diameter UOM: cm

24	1 of 1	E/169.1	60.5 / 0.28	CANADIAN TIRE PIT STOP 85 ROBINSON AVE OTTAWA ON K1N 8N8	RST
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Headcode: 921430
Headcode Desc: Oil Changes & Lubrication Service
Phone: 6138298944
List Name:
Description:

25	1 of 1	WSW/172.4	65.2 / 5.00	Ottawa ON	WWIS
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Well ID: 7293327
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z206426
Tag: A182472
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/18/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 3 HURDMAN ROAD
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1006710691			Elevation:	65.14
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447665
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029595
Cluster Kind:				UTMRC:	4
Date Completed:	19-JUL-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006830478				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	06				
Other Materials:	SILT				
Mat3:	81				
Other Materials:	SANDY				
Formation Top Depth:	1.83				
Formation End Depth:	3.1				
Formation End Depth UOM:	m				
Formation ID:	1006830477				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	.61				
Formation End Depth:	1.83				
Formation End Depth UOM:	m				
Formation ID:	1006830479				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Other Materials:	SILT				
Mat3:	11				
Other Materials:	GRAVEL				
Formation Top Depth:	3.1				
Formation End Depth:	4.57				
Formation End Depth UOM:	m				
Formation ID:	1006830476				
Layer:	1				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006830487			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1006830488			
Layer:		2			
Plug From:		.31			
Plug To:		1.22			
Plug Depth UOM:		m			
Plug ID:		1006830489			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1006830486			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006830475			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006830482			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1006830483			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
 <u>Water Details</u>					
Water ID:		1006830481			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1006830480			
Diameter:		11.4			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
<u>26</u>	1 of 1	ESE/178.1	61.0 / 0.85	Ottawa ON	WWIS
Well ID:	7181836			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	5/30/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z146398			Owner:	
Tag:	A125599			Street Name:	29 HURDMAN ST
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:	1003830487			Elevation:	60.28
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447975
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029556
Cluster Kind:				UTMRC:	4
Date Completed:	26-APR-12			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1004327562			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
Formation ID:		1004327561			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
Formation ID:		1004327559			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		60			
Other Materials:		CEMENTED			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
Formation ID:		1004327560			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		.31			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004327571			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
Plug ID:		1004327570			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1004327572			
Layer:		3			
Plug From:		2.44			
Plug To:		6.1			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004327569			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004327558			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004327565			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004327566			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1004327564			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004327563			
Diameter:		8.25			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
27	1 of 16	E/179.0	59.9 / -0.31	29 Hurdman Road Ottawa ON	EHS
Order ID:	171097			Date Received:	1/11/2010
Order No:	20100111005			Lot/Building Size:	
Customer ID:	77170			Municipality:	
Company ID:	97			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	3CAN			Large Radius:	2
Report Type:	Standard Report			X:	-75.666097
Report Date:	1/19/2010			Y:	45.417297
Report Requested by:	Trow Associates Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					
27	2 of 16	E/179.0	59.9 / -0.31	29 Hurdman Rd Ottawa ON K1N8N7	EHS
Order ID:	502068			Date Received:	27-FEB-17
Order No:	20170227059			Lot/Building Size:	
Customer ID:	133388			Municipality:	Ottawa
Company ID:	247			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-75.665101
Report Date:	06-MAR-17			Y:	45.417548
Report Requested by:	Arcadis Canada Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
27	3 of 16	E/179.0	59.9 / -0.31	OTTAWA, CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	
Approval Years:	97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	8373				
SIC Description:	ENVIRON. ADMIN.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
27	4 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	
Approval Years:	99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	8373				
SIC Description:	ENVIRON. ADMIN.				
--Details--					
Waste Code:		221			
Waste Description:		LIGHT FUELS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
27	5 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	913910				
SIC Description:	Other Local Municipal and Regional Public Administration				
--Details--					
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
27	6 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2010 913910			Choice of Contact: Co Admin: Phone No. Admin: Other Local Municipal and Regional Public Administration	
--Details--					
Waste Code: Waste Description:	251			OIL SKIMMINGS & SLUDGES	
Waste Code: Waste Description:	252			WASTE OILS & LUBRICANTS	
Waste Code: Waste Description:	145			PAINT/PIGMENT/COATING RESIDUES	
27	7 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0136222 2011 913910			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: Other Local Municipal and Regional Public Administration	
--Details--					
Waste Code: Waste Description:	251			OIL SKIMMINGS & SLUDGES	
Waste Code: Waste Description:	145			PAINT/PIGMENT/COATING RESIDUES	
Waste Code: Waste Description:	252			WASTE OILS & LUBRICANTS	
27	8 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0136222 2012 913910			PO Box No.: Country: Choice of Contact: Co Admin: Phone No. Admin: Other Local Municipal and Regional Public Administration	
--Details--					
Waste Code: Waste Description:	252			WASTE OILS & LUBRICANTS	
Waste Code: Waste Description:	145			PAINT/PIGMENT/COATING RESIDUES	
Waste Code: Waste Description:	251			OIL SKIMMINGS & SLUDGES	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	9 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:	913910				
SIC Description:					
--Details--					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
27	10 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON K1G-5X5	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	RANDY VILLENEUVE
MHSW Facility:	No			Phone No. Admin:	613-580-2424 Ext.12085
SIC Code:	913910				
SIC Description:	913910				
--Details--					
Waste Code:	145				
Waste Description:	PAINT/PIGMENT/COATING RESIDUES				
Waste Code:	251				
Waste Description:	OIL SKIMMINGS & SLUDGES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
27	11 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON K1G-5X5	GEN
Generator No.:	ON0136222			PO Box No.:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	RANDY VILLENEUVE
MHSW Facility:	No			Phone No. Admin:	613-580-2424 Ext.12085
SIC Code:	913910				
SIC Description:	913910				
--Details--					
Waste Code:	251				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		OIL SKIMMINGS & SLUDGES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
27	12 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON K1G-5X5	GEN
Generator No.:		ON0136222		PO Box No.:	
Status:				Country: Canada	
Approval Years:		2014		Choice of Contact: CO_OFFICIAL	
Contam. Facility:		No		Co Admin: RANDY VILLENEUVE	
MHSW Facility:		No		Phone No. Admin: 613-580-2424 Ext.12085	
SIC Code:		913910			
SIC Description:		913910			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
Waste Code:		251			
Waste Description:		OIL SKIMMINGS & SLUDGES			
27	13 of 16	E/179.0	59.9 / -0.31	OTTAWA, CORPORATION OF THE CITY OF 29 HURDMAN ROAD OTTAWA ON K1G-5X5	GEN
Generator No.:		ON0136222		PO Box No.:	
Status:		Registered		Country: Canada	
Approval Years:		As of Dec 2017		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No. Admin:	
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		145 L			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		251 L			
Waste Description:		Waste oils/sludges (petroleum based)			
Waste Code:		252 L			
Waste Description:		Waste crankcase oils and lubricants			
27	14 of 16	E/179.0	59.9 / -0.31	29 Hurdman Road, Ottawa ON	INC
Incident No:		611458			
Incident ID:		2768080			
Attribute Category:		FS-Perform L1 Incident Insp			
Status Code:		Causal Analysis Complete			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Location: 29 Hurdman Road, Ottawa - Discovery of Product Drainage System: Unknown Sub Surface Contam.: Yes, 4 feet deep at least. Aff. Prop. Use Water: No Contam. Migrated: Unknown Contact Natural Env.: Yes Near Body of Water: No Approx. Quant. Rel.: Unknown Equipment Model: Serial No: Residential App. Type: Commercial App. Type: Industrial App. Type: Institutional App. Type: Venting Type: Vent Connector Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Depth Ground Cover: Regulator Location: Regulator Type: Operation Pressure: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Leak Fuel Type Involved: Fuel Oil Date of Occurrence: 2011/06/13 00:00:00 Time of Occurrence: 12:00:00 Occur Insp Start Date: 2011/06/14 00:00:00 Any Health Impact: No Any Environmental Impact: Yes Was Service Interrupted: No Was Property Damaged: No Operation Type Involved: Industrial / Manufacturing Facility Enforcement Policy: NULL Prc Escalation Required: NULL Task No: 3379857 Notes: Occurrence Narrative: Client discovered a UST during excavation work on city property. Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					
27	15 of 16	E/179.0	59.9 / -0.31	City of Ottawa 29 Hurdman Road Ottawa ON	SPL
Ref No:	2465-7QRPHH	Discharger Report:			
Site No:		Material Group:			
Incident Dt:		Client Type:			
Year:		Sector Type: Other			
Incident Cause:	Container Leak (Fuel Tank Barrels)	Source Type:			
Incident Event:		Nearest Watercourse:			
Contaminant Code:		Site Name: Roads Department Yard<UNOFFICIAL>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Name: DIESEL FUEL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: 136 L Environment Impact: Not Anticipated Nature of Impact: Receiving Medium: Receiving Env: Health/Env Conseq: MOE Response: Planned Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 4/3/2009 Dt Document Closed: SAC Action Class: Watercourse Spills Incident Reason: Spill Incident Summary: City of Ottawa: 136L diesel to CB, cntd, clning					
Site Address: Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:					
27	16 of 16	E/179.0	59.9 / -0.31	City of Ottawa 29 Hurdman Avenue Ottawa ON K1N 8N7	SPL
Ref No: 2115-8HSJCT Site No: Incident Dt: 6/13/2011 Year: Incident Cause: Tank (Underground) Leak Incident Event: Contaminant Code: 15 Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Contaminant Qty: 0 other - see incident description Environment Impact: Not Anticipated Nature of Impact: Other Impact(s); Soil Contamination Receiving Medium: Receiving Env: Health/Env Conseq: MOE Response: Referral to others Dt MOE Arvl on Scn: MOE Reported Dt: 6/13/2011 Dt Document Closed: SAC Action Class: TSSA - Fuel Safety Branch Incident Reason: Corrosion - All forms of internal/external corrosion Incident Summary: TSSA: UST discovery, leak					
Discharger Report: Material Group: Client Type: Sector Type: Other Source Type: Nearest Watercourse: Site Name: Municipal Works Yard<UNOFFICIAL> Site Address: 29 Hurdman Avenue Site District Office: Site County/District: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum:					
28	1 of 1	SE/191.2	61.1 / 0.94	Ottawa ON	WWIS
Well ID: 7181835 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z146399 Tag: A125598 Construction Method: Elevation (m): Elevation Reliability:					
Data Entry Status: Data Src: Date Received: 5/30/2012 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 29 HURDMAN ST County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1003830484			Elevation:	61.08
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447975
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029534
Cluster Kind:				UTMRC:	4
Date Completed:	26-APR-12			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004327544				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	60				
Other Materials:	CEMENTED				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	0				
Formation End Depth:	.31				
Formation End Depth UOM:	m				
Formation ID:	1004327545				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	34				
Most Common Material:	TILL				
Mat2:	28				
Other Materials:	SAND				
Mat3:	77				
Other Materials:	LOOSE				
Formation Top Depth:	.31				
Formation End Depth:	3.1				
Formation End Depth UOM:	m				
Formation ID:	1004327546				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	10				
Most Common Material:	COARSE SAND				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
Formation ID:		1004327547			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004327557			
Layer:		3			
Plug From:		2.44			
Plug To:		6.1			
Plug Depth UOM:		m			
Plug ID:		1004327555			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1004327556			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004327554			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004327543			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004327550			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004327551			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
 <u>Water Details</u>					
Water ID:		1004327549			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004327548			
Diameter:		8.25			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

29	1 of 1	SE/192.3	61.1 / 0.94	Ottawa ON	WWIS
<hr/>					
Well ID:	7181834			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	5/30/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z146400			Owner:	
Tag:	A125597			Street Name:	29 HURDMAN ST
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	1003830481			Elevation:	61.19
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447974
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029531
Cluster Kind:				UTMRC:	3
Date Completed:	26-APR-12			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1004327532				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	4.57				
Formation End Depth:	6.1				
Formation End Depth UOM:	m				
Formation ID:	1004327530				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	.31				
Formation End Depth:	1.5				
Formation End Depth UOM:	m				
Formation ID:	1004327531				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:	74				
Other Materials:	LAYERED				
Formation Top Depth:	1.5				
Formation End Depth:	4.57				
Formation End Depth UOM:	m				
Formation ID:	1004327529				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		8			
General Color:		BLACK			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		60			
Other Materials:		CEMENTED			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004327542			
Layer:		3			
Plug From:		2.44			
Plug To:		6.1			
Plug Depth UOM:		m			
Plug ID:		1004327541			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
Plug ID:		1004327540			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004327539			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004327528			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004327535			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1004327536			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1004327534			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004327533			
Diameter:		10.92			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
30	1 of 1	NW/193.5	66.2 / 6.05	310 Wiggins Pvt Ottawa ON K1N1B1	EHS
Order ID:	495976			Date Received:	18-JAN-17
Order No:	20170118023			Lot/Building Size:	
Customer ID:	77170			Municipality:	
Company ID:	97			Client Prov/State:	ON
Status:	C			Search Radius (km):	.25
Report Code:	3CAN			Large Radius:	.3
Report Type:	Standard Report			X:	-75.668894
Report Date:	24-JAN-17			Y:	45.419437
Report Requested by:	exp Services Inc.				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory				
<hr/>					
31	1 of 1	WSW/197.1	65.1 / 4.90	ON	BORE
Borehole ID:	847627			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447656			Northing::	5029556
Location Accuracy::				Orig. Ground Elev m::	60.8
Elev. Reliability Note::				DEM Ground Elev m::	63.7
Total Depth m::	13.9			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	20-FEB-1964			Static Water Level::	3.7
Primary Water Use::				Sec. Water Use::	
<u>--Details--</u>					
Stratum ID:	6558290			Top Depth(m):	0.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth(m):	0.7			Stratum Desc:	LOOSE TO COMPACT BROWN SAND WITH GRAVEL AND CINDERS FILL
Stratum ID:	6558291			Top Depth(m):	0.7
Bottom Depth(m):	3.2			Stratum Desc:	COMPACT BROWN TO GREY BROWN SANDY SILT TO SILTY SAND WITH GRAVEL TRACE OF CLAY WEATHERED UPPER TILL
Stratum ID:	6558292			Top Depth(m):	3.2
Bottom Depth(m):	7.6			Stratum Desc:	COMPACT TO DENSE DARK GREY FINE SAND TO SAND WITH GRAVEL TRACE TO SOME SILT
Stratum ID:	6558293			Top Depth(m):	7.6
Bottom Depth(m):	8.8			Stratum Desc:	VERY DENSE GREY FINE SAND OCCASIONAL GRAVEL
Stratum ID:	6558294			Top Depth(m):	8.8
Bottom Depth(m):	11.5			Stratum Desc:	VERY DENSE DARK GREY SANDY SILT TO SILTY SAND WITH GRAVEL COBBLES AND BOULDERS TRACE OF CLAY LOWER TILL
Stratum ID:	6558295			Top Depth(m):	11.5
Bottom Depth(m):	13.9			Stratum Desc:	FAIRLY SOUND TO SOUND DARK GREY TO BLACK SHALE BEDROCK

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1 of 2

SE/197.3

61.1 / 0.94

Ottawa ON

WWIS

Well ID: 7181833
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z146401
Tag: A125596
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/30/2012
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 29 HURDMAN ST
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1003830466
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 26-APR-12
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation: 61.06
Elevrc:
Zone: 18
East83: 447980
Org CS: UTM83
North83: 5029531
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1004327513			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		.31			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
Formation ID:		1004327514			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		1.5			
Formation End Depth:		3.35			
Formation End Depth UOM:		m			
Formation ID:		1004327512			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		60			
Other Materials:		CEMENTED			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
Formation ID:		1004327516			
Layer:		5			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5.03			
Formation End Depth:					
Formation End Depth UOM:		m			
Formation ID:		1004327515			
Layer:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		3.35			
Formation End Depth:		5.03			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004327527			
Layer:		3			
Plug From:		1.37			
Plug To:		5.03			
Plug Depth UOM:		m			
Plug ID:		1004327525			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1004327526			
Layer:		2			
Plug From:		.31			
Plug To:		1.37			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004327524			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004327511			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004327520			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.98			
Casing Diameter:		3.45			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen ID:		1004327521			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.98			
Screen End Depth:		5.03			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.21			
<u>Water Details</u>					
Water ID:		1004327519			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004327518			
Diameter:		5.71			
Depth From:		3.1			
Depth To:		5.03			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
Hole ID:		1004327517			
Diameter:		10.92			
Depth From:		0			
Depth To:		3.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>32</u>	2 of 2	SE/197.3	61.1 / 0.94	Ottawa ON	WWIS
Well ID:	7181837			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	5/30/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z146397			Owner:	
Tag:	A125600			Street Name:	29 HURDMAN RD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1003830490			Elevation:	61.04

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447981
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029531
Cluster Kind:				UTMRC:	4
Date Completed:		26-APR-12		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004327575			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		.31			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
Formation ID:		1004327576			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
Formation ID:		1004327574			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		60			
Other Materials:		CEMENTED			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
Formation ID:		1004327577			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		4.57			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004327587			
Layer:		3			
Plug From:		2.44			
Plug To:		6.1			
Plug Depth UOM:		m			
Plug ID:		1004327586			
Layer:		2			
Plug From:		.31			
Plug To:		2.44			
Plug Depth UOM:		m			
Plug ID:		1004327585			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1004327584			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1004327573			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004327580			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004327581			
Layer:		1			
Slot:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth: 3.1 Screen End Depth: 6.1 Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 4.82					
<u>Water Details</u>					
Water ID: 1004327579 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1004327578 Diameter: 8.25 Depth From: 0 Depth To: 6.1 Hole Depth UOM: m Hole Diameter UOM: cm					
33	1 of 1	WSW/200.1	66.0 / 5.84	ON	BORE
Borehole ID: 847628 Use: Geotechnical/Geological Investigation Drill Method:: Diamond Drill Easting:: 447631 Location Accuracy:: Elev. Reliability Note:: Total Depth m:: 4.7 Township:: NEPEAN Lot:: LOT F Completion Date:: 22-FEB-1964 Primary Water Use::					
Type: Borehole Status:: Decommissioned UTM Zone:: 18 Northing:: 5029611 Orig. Ground Elev m:: 61.1 DEM Ground Elev m:: 68.3 Primary Name:: Concession:: BROKEN FRONT D Municipality: Static Water Level:: 3.2 Sec. Water Use::					
<u>--Details--</u>					
Stratum ID: 6558296 Bottom Depth(m): 0.6					
Top Depth(m): 0.0 Stratum Desc: LOOSE TO COMPACT BROWN SAND SOME GRAVEL AND CINDERS FILL					
Stratum ID: 6558297 Bottom Depth(m): 2.7					
Top Depth(m): 0.6 Stratum Desc: DENSE TO VERY DENSE GREY BROWN TO BROWN SANDY SILT TO SILTY SAND WITH GRAVEL TRACE OF CLAY WEATHERED UPPER TILL					
Stratum ID: 6558298 Bottom Depth(m): 4.7					
Top Depth(m): 2.7 Stratum Desc: VERY DENSE DARK GREY SILTY SAND TO SAND WITH GRAVEL					
34	1 of 1	WNW/204.8	66.2 / 6.05	Ottawa Housing Corporation 310 Wiggins ottawa ON K1N 1B1	GEN
Generator No.: ON5170121 Status:					
PO Box No.: Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	06 913910	Other Local Municipal and Regional Public Administ		Choice of Contact: Co Admin: Phone No. Admin:	
--Details--					
Waste Code: Waste Description:	251 OIL SKIMMINGS & SLUDGES				
35	1 of 2	WSW/207.7	64.9 / 4.67	DANBAR HOLDINGS (OTTAWA) LIMITED ROBINSON AVE/LEES AVE. OTTAWA CITY ON	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::	7-0924-97- 97 8/28/1997 Municipal water Approved <				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Stratum ID:	6558305			Top Depth(m):	0.0
Bottom Depth(m):	0.6			Stratum Desc:	LOOSE TO COMPACT BROWN SAND AND CINDERS TILL
Stratum ID:	6558306			Top Depth(m):	0.6
Bottom Depth(m):	2.4			Stratum Desc:	FILL COMPACT TO DENSE BROWN TO GREY SILTY SAND WITH GRAVEL
Stratum ID:	6558307			Top Depth(m):	2.4
Bottom Depth(m):	3.0			Stratum Desc:	VERY DENSE BROWN TO DARK GREY SILTY SAND WITH GRAVEL OCCASIONAL COBBLES WEATHERED UPPER TILL
Stratum ID:	6558308			Top Depth(m):	3.0
Bottom Depth(m):	5.0			Stratum Desc:	VERY DENSE DARK GREY SAND AND GRAVEL TRACE OF SILT

37	1 of 1	WSW/211.7	65.8 / 5.65	ON	BORE
Borehole ID:	847630			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447639			Northing::	5029557
Location Accuracy::				Orig. Ground Elev m::	60.9
Elev. Reliability Note::				DEM Ground Elev m::	64.3
Total Depth m::	4.9			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	21-FEB-1964			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	6558302			Top Depth(m):	0.0
Bottom Depth(m):	2.1			Stratum Desc:	COMPACT TO VERY DENSE DARK BROWN SILTY SAND GRAVEL COBBLES AND BOULDERS
Stratum ID:	6558303			Top Depth(m):	2.1
Bottom Depth(m):	3.4			Stratum Desc:	WEATHERED UPPER TILL VERY DENSE GREY BROWN SILTY SAND WITH GRAVEL TRACE OF CLAY
Stratum ID:	6558304			Top Depth(m):	3.4
Bottom Depth(m):	4.9			Stratum Desc:	VERY DENSE DARK GREY SAND AND GRAVEL TRACE OF SILT

38	1 of 1	SW/212.4	64.9 / 4.67	ON	BORE
Borehole ID:	613310			Type:	Borehole
Use:				Status::	
Drill Method::				UTM Zone::	18
Easting::	447661			Northing::	5029522
Location Accuracy::				Orig. Ground Elev m::	60.3
Elev. Reliability Note::				DEM Ground Elev m::	62.2
Total Depth m::	1.4			Primary Name::	
Township::				Concession::	
Lot::				Municipality:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Completion Date::	JUL-1962			Static Water Level::	-6.6
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218394595			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	ARTIFICIAL.
Stratum ID:	218394596			Top Depth(m):	0.8
Bottom Depth(m):	1.4			Stratum Desc:	ARTIFICIAL. WN.HARD. TILL. GREY,FIRM. BEDROCK. GREY,FRACTURED, WATER STABLE AT 219.4 FEET.

39	1 of 1	ESE/219.6	60.9 / 0.73	ON	BORE
Borehole ID:	802687			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	448010.32			Northing::	5029534.22
Location Accuracy::				Orig. Ground Elev m::	61.6
Elev. Reliability Note::				DEM Ground Elev m::	60.1
Total Depth m::	5.2			Primary Name::	BH 6
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	10-FEB-1982			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
--Details--					
Stratum ID:	218573138			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Concrete
Stratum ID:	218573139			Top Depth(m):	0.2
Bottom Depth(m):	0.5			Stratum Desc:	Brown Fill-Misc Sand With: Gr W Cob
Stratum ID:	218573140			Top Depth(m):	0.5
Bottom Depth(m):	2.2			Stratum Desc:	Dark Grey to Black Dense to Very Loose Cinder Ash With: Brk Frag
Stratum ID:	218573141			Top Depth(m):	2.2
Bottom Depth(m):	2.9			Stratum Desc:	Brown Very Loose Silt With: Sa Trace: Cl Tr Gr
Stratum ID:	218573142			Top Depth(m):	2.9
Bottom Depth(m):	5.2			Stratum Desc:	Brown Loose to Very Dense Till sand silt With: Cl W Gr

40	1 of 1	SW/219.8	64.9 / 4.67	ON	BORE
Borehole ID:	847626			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447645			Northing::	5029531
Location Accuracy::				Orig. Ground Elev m::	60.7
Elev. Reliability Note::				DEM Ground Elev m::	63.4
Total Depth m::	13.7			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	19-FEB-1964			Static Water Level::	4.2
Primary Water Use::				Sec. Water Use::	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Stratum ID:	6558282			Top Depth(m):	0.0
Bottom Depth(m):	0.8			Stratum Desc:	LOOSE TO COMPACT BROWN SAND WITH CINDERS FILL
Stratum ID:	6558283			Top Depth(m):	0.8
Bottom Depth(m):	2.4			Stratum Desc:	COMPACT TO DENSE DARK BROWN TO BROWN SILTY SAND WITH GRAVEL TRACE OF CLAY FILL
Stratum ID:	6558284			Top Depth(m):	2.4
Bottom Depth(m):	3.7			Stratum Desc:	DENSE DARK BROWN SILTY SAND WITH GRAVEL TRACE OF CLAY WEATHERED UPPER TILL
Stratum ID:	6558285			Top Depth(m):	3.7
Bottom Depth(m):	7.5			Stratum Desc:	DENSE TO VERY DENSE DARK GREY SAND WITH GRAVEL TO SAND TRACE OF SILT AND GRAVEL
Stratum ID:	6558286			Top Depth(m):	7.5
Bottom Depth(m):	9.0			Stratum Desc:	VERY DENSE GREY FINE SAND TRACE TO SOME SILT
Stratum ID:	6558287			Top Depth(m):	9.0
Bottom Depth(m):	10.9			Stratum Desc:	VERY DENSE DARK GREY SANDY SILT WITH GRAVEL COBBLES AND BOULDERS TRACE OF CLAY LOWER TILL
Stratum ID:	6558288			Top Depth(m):	10.9
Bottom Depth(m):	13.7			Stratum Desc:	FAIRLY SOUND TO SOUND DARK GREY TO BLACK SHALE BEDROCK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Open Hole:				North83:	5029434
Cluster Kind:				UTMRC:	4
Date Completed:	24-FEB-12			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004304047			
Layer:		1			
Plug From:		0			
Plug To:		5.2			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004304046			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004304040			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004304044			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004304045			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water ID:		1004304043			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	m				
 <u>Hole Diameter</u>					
Hole ID:		1004304042			
Diameter:		10.92			
Depth From:		0			
Depth To:		5.2			
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
<hr/>					
42	1 of 1	SW/224.2	65.0 / 4.78	ON	BORE
Borehole ID:	847629			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447651			Northing::	5029516
Location Accuracy::				Orig. Ground Elev m::	60.3
Elev. Reliability Note::				DEM Ground Elev m::	63.9
Total Depth m::	5			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	22-FEB-1964			Static Water Level::	4
Primary Water Use::				Sec. Water Use::	
 <u>--Details--</u>					
Stratum ID:	6558299			Top Depth(m):	0.0
Bottom Depth(m):	1.8			Stratum Desc:	COMPACT TO DENSE BROWN SAND TO SILTY SAND WITH SOME GRAVEL FILL
Stratum ID:	6558300			Top Depth(m):	1.8
Bottom Depth(m):	3.0			Stratum Desc:	DENS ETO VERY DENSE BROWN TO GREY SILTY SAND WITH GRAVEL TRACE OF CLAY WEATHERED UPPER TILL
Stratum ID:	6558301			Top Depth(m):	3.0
Bottom Depth(m):	5.0			Stratum Desc:	VERY DENSE DARK GREY SAND WITH GRAVEL TRACE OF SILT
<hr/>					
43	1 of 1	ESE/224.8	60.0 / -0.14	ON	BORE
Borehole ID:	802691			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	
Drill Method::	Hollow stem auger			UTM Zone::	18
Easting::	448027.63			Northing::	5029553.9
Location Accuracy::				Orig. Ground Elev m::	59.9
Elev. Reliability Note::				DEM Ground Elev m::	58.1
Total Depth m::	5.9			Primary Name::	BH 7
Township::				Concession::	
Lot::				Municipality:	
Completion Date::	10-FEB-1982			Static Water Level::	3.3
Primary Water Use::				Sec. Water Use::	
 <u>--Details--</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum ID: Bottom Depth(m):	218573161 0.2			Top Depth(m): Stratum Desc:	0.0 Cinder Ash
Stratum ID: Bottom Depth(m):	218573163 1.7			Top Depth(m): Stratum Desc:	0.4 Brown Very Loose Silt - Sand
Stratum ID: Bottom Depth(m):	218573164 5.8			Top Depth(m): Stratum Desc:	1.7 Dark Brown to Grey Compact to Loose Till sand silt With: Cl W Gr Occasional: Cob Occ Blds
Stratum ID: Bottom Depth(m):	218573165 5.9			Top Depth(m): Stratum Desc:	5.8 Bedrock Shale
Stratum ID: Bottom Depth(m):	218573162 0.4			Top Depth(m): Stratum Desc:	0.2 Brown Silt - Sand

44	1 of 1	SW/234.2	65.0 / 4.78	ON	BORE
Borehole ID: Use: Drill Method:: Easting:: Location Accuracy:: Elev. Reliability Note:: Total Depth m:: Township:: Lot:: Completion Date:: Primary Water Use::	847625 Geotechnical/Geological Investigation Diamond Drill 447654 14.5 NEPEAN LOT G 17-FEB-1964 Primary Water Use::			Type: Status:: UTM Zone:: Northing:: Orig. Ground Elev m:: DEM Ground Elev m:: Primary Name:: Concession:: Municipality: Static Water Level:: Sec. Water Use::	Borehole Decommissioned 18 5029496 60.8 61.8 BROKEN FRONT D 4.5
--Details-- Stratum ID: Bottom Depth(m):	6558277 2.9			Top Depth(m): Stratum Desc:	0.0 COMPACT TO VERY DENSE DARK BROWN TO BLACK SILTY SAND TO SAND WITH GRAVEL AND LIMESTONE FRAGMENTS, OCCASIONAL CINDERS FILL
Stratum ID: Bottom Depth(m):	6558278 6.7			Top Depth(m): Stratum Desc:	2.9 VERY DENSE BROWN TO DARK GREY SAND TRACE TO SOME SILT AND GRAVEL
Stratum ID: Bottom Depth(m):	6558279 8.7			Top Depth(m): Stratum Desc:	6.7 VERY DENSE GREY SILTY FINE SAND TRACE OF GRAVEL AND OCCASIONAL THIN LAYERS OF SILT AND SAND
Stratum ID: Bottom Depth(m):	6558280 11.1			Top Depth(m): Stratum Desc:	8.7 VERY DENSE DARK GREY SILTY SAND TO SANDY SILT WITH GRAVEL COBBLES AND BOULDERS TRACE TO SOME CLAY LOWER TILL
Stratum ID: Bottom Depth(m):	6558281 14.5			Top Depth(m): Stratum Desc:	11.1 SOUND DARK GREY TO BLACK SHALE BEDROCK

45	1 of 1	W/234.2	67.7 / 7.56	Ottawa ON	WWIS
Well ID:	7293326			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	8/18/2017
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z206427			Owner:	
Tag:	A182471			Street Name:	3 HURDMAN ROAD
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006710688			Elevation:	69.67
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	447593
Code OB Desc:				Org CS:	UTM83
Open Hole:				North83:	5029670
Cluster Kind:				UTMRC:	4
Date Completed:	20-JUL-17			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1006830460				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:	81				
Other Materials:	SANDY				
Formation Top Depth:	.31				
Formation End Depth:	3.1				
Formation End Depth UOM:	m				
Formation ID:	1006830459				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
Formation ID:		1006830461			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		3.1			
Formation End Depth:		4.88			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006830471			
Layer:		3			
Plug From:		1.5			
Plug To:		4.88			
Plug Depth UOM:		m			
Plug ID:		1006830469			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
Plug ID:		1006830470			
Layer:		2			
Plug From:		.31			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1006830468			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006830458			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006830464			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: 1.83 Casing Diameter: 5.2 Casing Diameter UOM: cm Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1006830465 Layer: 1 Slot: 10 Screen Top Depth: 1.83 Screen End Depth: 4.88 Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 6.03					
<u>Water Details</u>					
Water ID: 1006830463 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006830462 Diameter: 11.4 Depth From: 0 Depth To: 4.88 Hole Depth UOM: m Hole Diameter UOM: cm					
46	1 of 3	SW/238.1	63.9 / 3.73	REGIONAL MUNICIPALITY OF OTTAWA CARLETON 195 LEES AVE. OTTAWA CITY ON	CA
Certificate #: 8-4059-86- Application Year: 86 Issue Date: 11/21/1986 Approval Type: Industrial air Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: COAL-FOR TREATMENT SYSTEM EXHAUST Contaminants:: Benzene (Carcinogen Requires Bact), Toluene(Pentyl Methane)(Methyl Benzene), Xylene, Ethyl Benzene, Other Organic Compounds Emission Control:: Act. Charcoal Filter					
46	2 of 3	SW/238.1	63.9 / 3.73	City of Ottawa 195 Lees Avenue Ottawa ON	CA
Certificate #: 3-1458-86-006 Application Year: 2005					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Issue Date: 1/6/2005 Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name:: Client Address:: Client City:: Client Postal Code:: Project Description:: Contaminants:: Emission Control::					
46	3 of 3	SW/238.1	63.9 / 3.73	City of Ottawa 195 Lees Avenue Ottawa ON K1P 1J1	ECA
Approval No: 3-1458-86-006 Approval Date: 2005-01-06 Status: Approved Record Type: ECA Link Source: IDS Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 195 Lees Avenue Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3294-67APJQ-14.pdf					
SWP Area Name: Rideau Valley MOE District: Ottawa City: Ottawa Longitude: -75.66592 Latitude: 45.41795					
47	1 of 1	SSE/242.8	61.9 / 1.69	Ottawa ON	WWIS
Well ID: 7180694 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z146457 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 5/10/2012 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 200 LEES AVE County: OTTAWA-CARLETON Municipality: NEPEAN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
Bore Hole Information					
Bore Hole ID: 1003760653 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 24-FEB-12					
Elevation: 61.94 Elevrc: Zone: 18 East83: 447885 Org CS: UTM83 North83: 5029419 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:			Location Method: WWT		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004303978			
Layer:		2			
Plug From:		.31			
Plug To:		8.5			
Plug Depth UOM:		m			
Plug ID:		1004303977			
Layer:		1			
Plug From:		0			
Plug To:		.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1004303976			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004303968			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004303972			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004303973			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1004303971			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004303970			
Diameter:		10.92			
Depth From:		0			
Depth To:		8.5			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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48	1 of 1	SW/243.9	64.9 / 4.69	ON	BORE
Borehole ID:	847632			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447640			Northing::	5029498
Location Accuracy::				Orig. Ground Elev m::	60.8
Elev. Reliability Note::				DEM Ground Elev m::	62.8
Total Depth m::	5.3			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	22-FEB-1964			Static Water Level::	4.5
Primary Water Use::				Sec. Water Use::	
<u>--Details--</u>					
Stratum ID:	6558309			Top Depth(m):	0.0
Bottom Depth(m):	3.2			Stratum Desc:	COMPACT TO DENSE BROWN TO DARK BROWN SAND TO SILTY SAND WITH GRAVEL FILL
Stratum ID:	6558310			Top Depth(m):	3.2
Bottom Depth(m):	5.3			Stratum Desc:	DENSE TO VERY DENSE DARK GREY SAND TRACE OF SILT SOME GRAVEL
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49	1 of 1	SW/249.5	63.9 / 3.73	Ottawa ON	WWIS
Well ID:	7190979			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	11/9/2012
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z156955			Owner:	
Tag:	A135006			Street Name:	191 LEES AVE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	OTTAWA CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Materials:		LOOSE			
Formation Top Depth:		.61			
Formation End Depth:		3.1			
Formation End Depth UOM:		m			
Formation ID:		1004486845			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		06			
Other Materials:		SILT			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004486857			
Layer:		2			
Plug From:		7.32			
Plug To:		9.14			
Plug Depth UOM:		m			
Plug ID:		1004486856			
Layer:		1			
Plug From:		0			
Plug To:		7.32			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1004486855			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1004486844			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004486851			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.62			
Casing Diameter:		4.08			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen ID:		1004486852			
Layer:		1			
Slot:		10			
Screen Top Depth:		7.62			
Screen End Depth:		9.14			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
 <u>Water Details</u>					
Water ID:		1004486850			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1004486849			
Diameter:		10.92			
Depth From:		0			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					
50	1 of 1	SW/249.7	64.0 / 3.84	ON	BORE
Borehole ID:	847633			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status::	Decommissioned
Drill Method::	Diamond Drill			UTM Zone::	18
Easting::	447652			Northing::	5029476
Location Accuracy::				Orig. Ground Elev m::	60.3
Elev. Reliability Note::				DEM Ground Elev m::	62.4
Total Depth m::	4.1			Primary Name::	
Township::	NEPEAN			Concession::	BROKEN FRONT D
Lot::	LOT G			Municipality:	
Completion Date::	22-FEB-1964			Static Water Level::	-999.9
Primary Water Use::				Sec. Water Use::	
 <u>--Details--</u>					
Stratum ID:	6558311			Top Depth(m):	0.0
Bottom Depth(m):	2.7			Stratum Desc:	DENSE TO VERY DENSE DARK BROWN SILTY SAND WITH GRAVEL A FEW COBBLES AND BOULDERS TILL
Stratum ID:	6558312			Top Depth(m):	2.7
Bottom Depth(m):	4.1			Stratum Desc:	VERY DENSE DARK GREY SAND TRACE TO SOME SILT AND GRAVEL

Unplottable Summary

Total: **59** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	REG.MUN.OF OTTAWA-CARLETON	QUEENSWAY N.	OTTAWA ON	
CA		Lees Avenue	Ottawa ON	
CA	NATIONAL CAPITAL COMMISSION	ROBINSON AVE.	OTTAWA CITY ON	
CA	SPENCER & ASSOC.CONSLTG.ENG.LTD.	LEES AVE.	OTTAWA ON	
CA	R.M. OF OTTAWA-CARLETON	LEES AVE.	OTTAWA CITY ON	
EHS		Highway 417, CN Rail	Ottawa ON	
EHS		Hwy 417	Ottawa ON	
GEN	OTTAWA-CARLTON, REGIONAL MUN. OF 29-120	LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	PITTS ENGINEERING CONSTRUCTION 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	Ecoplans Limited	Highway 417 West onramp accessed off Moodie Drive	Ottawa ON	K2H 8G3
GEN	CLEAN WATER WORKS	LEES AVE @ OC TRANSPOR TRANSIT WAY	OTTAWA ON	
GEN	OTTAWA-CARLTON, REGIONAL MUN. OF	LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	CLEAN WATER WORKS	LEES AVE @ OC TRANSPOR TRANSIT WAY	OTTAWA ON	
GEN	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	PITTS (OUT OF BUS) 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6

GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPAL	(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET	OTTAWA ON	K1P 5Z3
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	K1V 1A6
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
GEN	CITY OF OTTAWA	LEES AVENUE TRANSIT STATION	OTTAWA ON	
RST	CANADIAN TIRE PIT STOP & PROPANE		OTTAWA ON	K2H5Z2
RST	CANADIAN TIRE PIT STOP & PROPANE		OTTAWA ON	K2H 5Z2
SPL	Drain-All Ltd.	Hwy 417 Westbound near Carling off-ramp	Ottawa ON	
SPL	Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc	Highway 417 at Hurdman Bridge	Ottawa ON	
SPL	LECLAIR FUELS LTD.	HWY 417 BTWN INNIS & PKWY TANK TRUCK (CARGO)	OTTAWA CITY ON	
SPL	Waste Services Inc.	Highway 417 East bound West of Terry Fox	Ottawa ON	
SPL	UNKNOWN	BLAIR STATION AND QUEENSWAY	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	QUEENSWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	TRANSPORT TRUCK	HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON	
SPL	City of Ottawa	Highway 417	Ottawa ON	
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON	
SPL	Loblaws Company East<UNOFFICIAL>	Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - in front of IKEA)<UNOFFICIAL>	Ottawa ON	
SPL	Waste Management Inc.	HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL>	Ottawa ON	
SPL	Wilway Transport<UNOFFICIAL>	Highway 417 eastbound, panmure exit(exit 162) MVA - HIGHWAY 417 EASTBOUND AT	Ottawa ON	

PANMURE EXIT (EXIT 163)<UNOFFICIAL>

SPL	Thermal Shell	Highway 417 West of Eagleson Rd	Ottawa ON
SPL	Penske Truck Leasing Canada Inc.	Hwy 417 east, at exit 88, Vars	Ottawa ON
SPL	Sita Ontario Inc.	Highway 417(westbound) and Moodie Drive ramp	Ottawa ON
SPL	Ferguson Fuels<UNOFFICIAL>	HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL>	Ottawa ON
SPL	City of Ottawa	Hwy 417 West bound, between the Carling Ave Exit and the Maitland Exit	Ottawa ON
SPL		HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL>	Ottawa ON
SPL	TRANSPORT TRUCK	HWY # 417 AT ROCHESTER EXIT. MOTOR VEHICLE (OPERATING FLUID)	OTTAWA CITY ON
SPL		HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL>	Ottawa ON
SPL	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>	Ottawa ON
SPL	S. 21(1)(f)	Hwy 417 E between Vanier Parkway and St. Laurent<UNOFFICIAL>	Ottawa ON
SPL		417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL>	Ottawa ON
SPL	Enbridge Gas Distribution Inc.	HWY 417 at Vars Bridge	Ottawa ON
SPL	Ottawa LRT <UNOFFICIAL>	Hwy 417 near Lees Avenue	Ottawa ON
SPL	Glenview Iron and Steel Ltd.<UNOFFICIAL>	Hwy 417 - Woodroffe W. Bnd, On-Ramp	Ottawa ON
SPL		Hwy 417 Under Overpass @ Castlefrank Road	Ottawa ON
SPL	Unisource Canada, Inc.	HWY 417-West near Km 117 on the Vanier Prk Way,	Ottawa ON
SPL		central transit way adjacent to hwy 417 between nicholas ave and lees ave	Ottawa ON
SPL		Hwy 417 to the corner of Rideau and King Edward	Ottawa ON
SPL	Purolator Courier Ltd.	Hwy 417 Eastbound @ Mile Marker 180	Ottawa ON
SPL		417 eastbound, east of exit 104	Ottawa ON
SPL		Hwy 417 at Hurdman Bridge, SW Corner	Ottawa ON

Unplottable Report

Site: REG.MUN.OF OTTAWA-CARLETON
QUEENSWAY N. OTTAWA ON

Database:
CA

Certificate #: 3-0468-85-006
Application Year: 85
Issue Date: 6/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Lees Avenue Ottawa ON

Database:
CA

Certificate #: 8377-4MUJUZ
Application Year: 00
Issue Date: 8/8/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name:: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address:: 4475 Trail Rd.
Client City:: Nepean
Client Postal Code:: K0A 2Z0
Project Description:: Rehabilitation of existing watermain with new watermain & hydrants on Lees Avenue
Contaminants::
Emission Control::

Site: NATIONAL CAPITAL COMMISSION
ROBINSON AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 7-0564-87-
Application Year: 87
Issue Date: 6/12/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: SPENCER & ASSOC.CONSLTG.ENG.LTD.
LEES AVE. OTTAWA ON

Database:
CA

Certificate #: 3-0807-85-006
Application Year: 85

Issue Date: 7/30/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: R.M. OF OTTAWA-CARLETON
LEES AVE. OTTAWA CITY ON

Database:
CA

Certificate #: 3-1317-86-
Application Year: 86
Issue Date: 9/23/1986
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description::
Contaminants::
Emission Control::

Site: Highway 417, CN Rail Ottawa ON

Database:
EHS

Order ID:	62037	Date Received:	10/17/2005
Order No:	20051017044	Lot/Building Size:	
Customer ID:	44527	Municipality:	
Company ID:	33445	Client Prov/State:	QC
Status:	C	Search Radius (km):	0.25
Report Code:	1CAN	Large Radius:	2
Report Type:	Site Report	X:	
Report Date:	10/18/2005	Y:	
Report Requested by:	SM Environnement		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

Site: Hwy 417 Ottawa ON

Database:
EHS

Order ID:	207153	Date Received:	5/9/2012
Order No:	20120509053	Lot/Building Size:	
Customer ID:	58127	Municipality:	
Company ID:	50	Client Prov/State:	ON
Status:	C	Search Radius (km):	0.25
Report Code:	4CAN	Large Radius:	0.25
Report Type:	Custom Report	X:	-75.670099
Report Date:	5/16/2012	Y:	1
Report Requested by:	Golder Associates Ltd.		
Nearest Intersection:			
Previous Site Name:			
Additional Info Ordered:			

Site: OTTAWA-CARLTON, REGIONAL MUN. OF 29-120
LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 3699
SIC Description: OTHER PETRO. & COAL

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 222
Waste Description: HEAVY FUELS

Site: PITTS ENGINEERING CONSTRUCTION 31-354
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-
CARLETON ON K1G 3H6

Database:
GEN

Generator No.: ON0760802
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: Ecoplans Limited
Highway 417 West onramp accessed off Moodie Drive Ottawa ON K2H 8G3

Database:
GEN

Generator No.: ON3922236
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541620
SIC Description: Environmental Consulting Services

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 241
Waste Description: HALOGENATED SOLVENTS

Site: CLEAN WATER WORKS
LEES AVE @ OC TRANSPOT TRANSIT WAY OTTAWA ON

Database:
GEN

Generator No.: ON2883524
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 238990
SIC Description: All Other Specialty Trade Contractors

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 221
Waste Description: LIGHT FUELS

Site: OTTAWA-CARLTON, REGIONAL MUN. OF

Database:
GEN

LEES AVENUE TRANSIT STATION C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

Generator No.:	ON0303104	PO Box No.:
Status:		Country:
Approval Years:	86,87,88,89,90	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No. Admin:
SIC Code:	3699	
SIC Description:	OTHER PETRO. & COAL	

--Details--

Waste Code:	222
Waste Description:	HEAVY FUELS

Site: CITY OF OTTAWA
LEES AVENUE TRANSIT STATION OTTAWA ON

Database:
[GEN](#)

Generator No.:	ON0303104	PO Box No.:
Status:		Country:
Approval Years:	2010	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No. Admin:
SIC Code:	221320	
SIC Description:	Sewage Treatment Facilities	

--Details--

Waste Code:	222
Waste Description:	HEAVY FUELS

Waste Code:	146
Waste Description:	OTHER SPECIFIED INORGANICS

Site: OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF
LEES AVENUE TRANSIT STATION OTTAWA ON

Database:
[GEN](#)

Generator No.:	ON0303104	PO Box No.:
Status:		Country:
Approval Years:	92,93,97,98,99,00,01	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No. Admin:
SIC Code:	3699	
SIC Description:	OTHER PETRO. & COAL	

--Details--

Waste Code:	222
Waste Description:	HEAVY FUELS

Site: CLEAN WATER WORKS
LEES AVE @ OC TRANSPOTRANSIT WAY OTTAWA ON

Database:
[GEN](#)

Generator No.:	ON2883524	PO Box No.:
Status:		Country:
Approval Years:	2009	Choice of Contact:
Contam. Facility:		Co Admin:
MHSW Facility:		Phone No. Admin:
SIC Code:	238990	
SIC Description:	All Other Specialty Trade Contractors	

--Details--

Waste Code:	221
Waste Description:	LIGHT FUELS

Site: **PITTS ENGINEERING CONSTRUCTION**
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database:
GEN

Generator No.: ON0760802
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: **PITTS (OUT OF BUS) 31-354**
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database:
GEN

Generator No.: ON0760802
Status:
Approval Years: 97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: **CITY OF OTTAWA**
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 221320
SIC Description: Sewage Treatment Facilities

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222
Waste Description: HEAVY FUELS

Site: **OTTAWA-CARLTON, REGIONAL MUNICIPAL**
(STORM WATER PUMPING STATION, LEES AVE) C/O 222 QUEEN STREET OTTAWA ON K1P 5Z3

Database:
GEN

Generator No.: ON0303103
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

Site: CITY OF OTTAWA
LEES AVENUE TRANSIT STATION OTTAWA ON

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 221320
SIC Description: Sewage Treatment Facilities

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222
Waste Description: HEAVY FUELS

Site: CITY OF OTTAWA
LEES AVENUE TRANSIT STATION OTTAWA ON K1V 1A6

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 221320
SIC Description: Sewage Treatment Facilities

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222
Waste Description: HEAVY FUELS

Site: CITY OF OTTAWA
LEES AVENUE TRANSIT STATION OTTAWA ON

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 221320
SIC Description: Sewage Treatment Facilities

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222
Waste Description: HEAVY FUELS

Site: CITY OF OTTAWA
LEES AVENUE TRANSIT STATION OTTAWA ON

Database:
GEN

Generator No.: ON0303104
Status:
Approval Years: 2013
Contam. Facility:

PO Box No.:
Country:
Choice of Contact:
Co Admin:

MHSW Facility:
SIC Code: 221320
SIC Description: SEWAGE TREATMENT FACILITIES

Phone No. Admin:

--Details--

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 146
Waste Description: OTHER SPECIFIED INORGANICS

Waste Code: 222
Waste Description: HEAVY FUELS

Site: CANADIAN TIRE PIT STOP & PROPANE
OTTAWA ON K2H5Z2

Database:
RST

Headcode: 00921430
Headcode Desc: OIL CHANGES & LUBRICATION SERVICE
Phone: 6138299488
List Name:
Description:

Site: CANADIAN TIRE PIT STOP & PROPANE
OTTAWA ON K2H 5Z2

Database:
RST

Headcode: 00921430
Headcode Desc: OIL CHANGES & LUBRICATION SERVICE
Phone: 6138299488
List Name:
Description:

Site: Drain-All Ltd.
Hwy 417 Westbound near Carling off-ramp Ottawa ON

Database:
SPL

Ref No: 6127-8K6T47	Discharger Report:
Site No:	Material Group:
Incident Dt: 7/27/2011	Client Type:
Year:	Sector Type: Motor Vehicle
Incident Cause: Pipe Or Hose Leak	Source Type:
Incident Event:	Nearest Watercourse:
Contaminant Code: 15	Site Name: Queensway Hwy 417<UNOFFICIAL>
Contaminant Name: MOTOR OIL	Site Address: Hwy 417 Westbound near Carling off-ramp
Contaminant Limit 1:	Site District Office:
Contam Limit Freq 1:	Site County/District:
Contaminant UN No 1:	Site Postal Code:
Contaminant Qty: 10 L	Site Region:
Environment Impact: Not Anticipated	Site Municipality: Ottawa
Nature of Impact:	Site Lot:
Receiving Medium:	Site Conc:
Receiving Env:	Northing:
Health/Env Conseq:	Easting:
MOE Response: No Field Response	Site Geo Ref Accu:
Dt MOE Arvl on Scn:	Site Geo Ref Meth:
MOE Reported Dt: 7/27/2011	Site Map Datum:
Dt Document Closed:	
SAC Action Class: Highway Spills (usually highway accidents)	
Incident Reason: Equipment/Vehicles	
Incident Summary: 10 L's of motor oil to Queensway, cleaned	

Site: Tomlinson Environmental Services Ltd.; SNC-Lavalin Constructors (Pacific) Inc
Highway 417 at Hurdman Bridge Ottawa ON

Database:
SPL

Ref No:	1322-9K2JFE	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	2014/05/07	Client Type:	
Year:		Sector Type:	Drilling Operation
Incident Cause:	Leak/Break	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	41	Site Name:	OLRT: Highway 417 @ Hurdman Bridge<UNOFFICIAL>
Contaminant Name:	WATER/SEDIMENT	Site Address:	Highway 417 at Hurdman Bridge
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	5 L	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:	No Field Response	Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	2014/05/12	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Watercourse Spills		
Incident Reason:	Unknown / N/A		
Incident Summary:	OLRT: Spill of Concrete Drilling Fluid to Hwy 417 CB		

Site: **LECLAIR FUELS LTD.**
HWY 417 BTWN INNIS & PKWY TANK TRUCK (CARGO) OTTAWA CITY ON

Database:
SPL

Ref No:	4525	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	5/31/1988	Client Type:	
Year:		Sector Type:	
Incident Cause:	ABOVE-GROUND TANK LEAK	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:		Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	5/31/1988	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	UNKNOWN		
Incident Summary:	15 LTR. DIESEL TO HWY. FROM TRUCK FUEL TANK.		

Site: **Waste Services Inc.**
Highway 417 East bound West of Terry Fox Ottawa ON

Database:
SPL

Ref No:	1683-5S3Q8B	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	10/6/2003	Client Type:	
Year:		Sector Type:	Other
Incident Cause:	Other Transport Accident	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	15	Site Name:	HYDRAULIC OIL LEAK - HWY. 417 - OTTAWA<UNOFFICIAL>
Contaminant Name:	HYDRAULIC OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa

Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	60 L	Site Region:	Eastern
Environment Impact:	Possible	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	Site Lot:	
Receiving Medium:	Land & Water	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	10/6/2003	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Spill to Land		
Incident Reason:	Equipment Failure - Malfunction of system components		
Incident Summary:	Waste Services Inc. - Hydraulic oil spill		

Site: UNKNOWN
BLAIR STATION AND QUEENSWAY OTTAWA CITY ON

Database:
SPL

Ref No:	239018	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/11/2002	Client Type:	
Year:		Sector Type:	
Incident Cause:	UNKNOWN	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND, WATER	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	9/11/2002	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	UNKNOWN		
Incident Summary:	SOURCE UNK: UNK VOLUME OF ANTIFREEZE IN THE STORMSEWER, CLEANING		

Site: TRANSPORT TRUCK
HWY 417 AT MILE MARKER 5, EASTBOUND MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No:	233267	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	7/25/2002	Client Type:	
Year:		Sector Type:	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	OPP,MTO
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	7/25/2002	Site Map Datum:	

Dt Document Closed:
SAC Action Class:
Incident Reason: UNKNOWN
Incident Summary: BELFAST FRUIT INC. MVA PUT TRUCK IN DITCH. DIE-SEL FROM SADDLE TANKS.

Site: TRANSPORT TRUCK
QUEENSWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No:	224201	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/19/2002	Client Type:	
Year:		Sector Type:	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	CONFIRMED	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	OPP-KANATA; MTO
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	4/19/2002	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	ERROR		
Incident Summary:	LOBLAWS: 450L DIESEL FROMTRUCK TO ROAD ONLY; OPP; MTO.		

Site: TRANSPORT TRUCK
HWY 417 BETWEEN NICOLAS AND VANIER PARKWAY MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No:	240047	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/20/2002	Client Type:	
Year:		Sector Type:	
Incident Cause:	BLADDER FAILURE	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Water course or lake	Site Lot:	
Receiving Medium:	LAND, WATER	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	9/20/2002	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	DAMAGE BY MOVING EQUIPMENT		
Incident Summary:	MOLSON'S:300L DIESEL TO GRD,50L TO SEWER, CONTAINED AND CLEANING		

Site: City of Ottawa
Highway 417 Ottawa ON

Database:
SPL

Ref No: 3043-7QMTYH **Discharger Report:**

Site No:		Material Group:	
Incident Dt:		Client Type:	
Year:		Sector Type:	Other
Incident Cause:	Pipe Or Hose Leak	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	EB Merge Lane Hwy 417 & Eagleson Road
Contaminant Name:	ENGINE OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	10 L	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Other Impact(s)	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	NA
Health/Env Conseq:		Easting:	NA
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	3/30/2009	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Primary Assessment of Incident		
Incident Reason:	Unknown - Reason not determined		
Incident Summary:	OC Transpo: 10L engine oil to grnd on Hwy 417		

Site: TRANSPORT TRUCK
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Database:
SPL

Ref No:	191523	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/4/2000	Client Type:	
Year:		Sector Type:	
Incident Cause:	TRUCK/TRAILER OVERTURN	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	12/4/2000	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	OTHER		
Incident Summary:	RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.		

Site: Loblaws Company East<UNOFFICIAL>
Queensway, from Greenbank Exit to 1735 Iris Road (Pine Crest Shopping Centre - infront of IKEA)<UNOFFICIAL>
Ottawa ON

Database:
SPL

Ref No:	6833-6H4GWP	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	10/12/2005	Client Type:	
Year:		Sector Type:	Other Motor Vehicle
Incident Cause:	Pipe Or Hose Leak	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	Queensway, from Greenbank Exit to 1735 Iris Road
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	

Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	10/12/2005	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Land Spills		
Incident Reason:	Unknown - Reason not determined		
Incident Summary:	Loblaws: 10 to 15 L diesel to road/parking lot		

Site:	Waste Management Inc.	Database:
	HWY 417 EASTBOUND, ST. LAURENT EXIT (115)<UNOFFICIAL> Ottawa ON	SPL

Ref No:	8781-6L7M7T	Discharger Report:	
Site No:		Material Group:	Oils
Incident Dt:	1/19/2006	Client Type:	
Year:		Sector Type:	Other Motor Vehicle
Incident Cause:		Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	15	Site Name:	
Contaminant Name:	HYDRAULIC OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	200 L	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	1/19/2006	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:			
Incident Summary:	HWY 417: garbage truck fire, 45 gal hyd. oil to road		

Site:	Wilway Transport<UNOFFICIAL>	Database:
	Highway 417 eastbound, panmure exit(exit 162) MVA - HIGHWAY 417 EASTBOUND AT PANMURE EXIT (EXIT 163)<UNOFFICIAL> Ottawa ON	SPL

Ref No:	5853-6SC638	Discharger Report:	
Site No:		Material Group:	Oils
Incident Dt:	8/3/2006	Client Type:	
Year:		Sector Type:	Transport Truck
Incident Cause:	Other Transport Accident	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	13	Site Name:	HIGHWAY 417 EASTBOUND, PANMURE EXIT(EXIT 162)
Contaminant Name:	DIESEL FUEL	Site Address:	HIGHWAY 417 EASTBOUND, PANMURE EXIT(EXIT 162)
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	50 L	Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination; Vegetation Damage	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	

Dt MOE Arvl on Scn:
MOE Reported Dt: 8/3/2006
Dt Document Closed:
SAC Action Class:
Incident Reason: Equipment/Vehicles
Incident Summary: MVA: Hwy 417 eastbnd, Panmure exit, diesel to median

Site Geo Ref Meth:
Site Map Datum:

Site: Thermal Shell
Highway 417 West of Eagleson Rd Ottawa ON

Database:
SPL

Ref No: 2847-5NPPU5
Site No:
Incident Dt: 6/20/2003
Year:
Incident Cause: Container Leak (Fuel Tank Barrels)
Incident Event:
Contaminant Code: 13
Contaminant Name: FUEL OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/20/2003
Dt Document Closed:
SAC Action Class: Spill to Land
Incident Reason: Unknown - Reason not determined
Incident Summary: Spill:Thermashell truck- 20L of fuel oil to ground

Discharger Report:
Material Group: Oil
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name: THERMASHELL TRUCK<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Penske Truck Leasing Canada Inc.
Hwy 417 east, at exit 88, Vars Ottawa ON

Database:
SPL

Ref No: 5218-5LGE4L
Site No:
Incident Dt: 4/10/2003
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 100 L
Environment Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/10/2003
Dt Document Closed:
SAC Action Class: Spill to Highway (Accident)
Incident Reason:
Incident Summary: Summit Food: truck diesel to shoulder. contained

Discharger Report:
Material Group: Oil
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: MVA SITE<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Sita Ontario Inc.
Highway 417(westbound) and Moodie Drive ramp Ottawa ON

Database:
SPL

Ref No: 4124-6DJQGX
Site No:
Incident Dt: 6/20/2005
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/20/2005
Dt Document Closed:
SAC Action Class: Spills to Highways (usually highway accidents)
Incident Reason:
Incident Summary: MVA: SITA Can.: 50 L diesel to Hwy 417/Moodie Dr.

Discharger Report: 0
Material Group: Oil
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: 50 L diesel to shoulder<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: **Ferguson Fuels<UNOFFICIAL>**
HWY 417 EASTBOUND AT THE EAGLESON OFF RAMP<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No: 2342-6QAQYF
Site No:
Incident Dt: 5/30/2006
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 60 L
Environment Impact: Confirmed
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/30/2006
Dt Document Closed:
SAC Action Class:
Incident Reason:
Incident Summary: Ferguson Fuels ~60 L diesel spill, Hwy 417, Eagleson exit

Discharger Report:
Material Group: Oils
Client Type:
Sector Type: Other Motor Vehicle
Source Type:
Nearest Watercourse:
Site Name:
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: **City of Ottawa**
Hwy 417 West bound, between the Carling Ave Exit and the Maitland Exit Ottawa ON

Database:
SPL

Ref No: 5074-6J2RLX
Site No:
Incident Dt: 11/11/2005
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code:
Contaminant Name: ETHYLENE GLYCOL (ANTIFREEZE)
Contaminant Limit 1:
Contam Limit Freq 1:

Discharger Report: 0
Material Group: Chemical
Client Type:
Sector Type: Other Motor Vehicle
Source Type:
Nearest Watercourse:
Site Name: Bus # 6070 antifreeze leak<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:

Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	11/11/2005	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Land Spills		
Incident Reason:	Unknown - Reason not determined		
Incident Summary:	OC Transpo (Ottawa): 20L antifreeze to grnd, clng		

Site: HIGHWAY 417 EASTBOUND, EAST OF ROCKDALE EXIT<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No:	2415-6M4SUB	Discharger Report:	
Site No:		Material Group:	Oils
Incident Dt:	2/17/2006	Client Type:	
Year:		Sector Type:	Other Motor Vehicle
Incident Cause:	Other Transport Accident	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	12	Site Name:	
Contaminant Name:	GASOLINE	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	Not specified 12	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Human Health/Safety; Other Impact(s); Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	2/17/2006	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	Equipment Failure		
Incident Summary:	Hwy 417 eastbound, 36 vehicle MVA - operating fluid to grnd		

Site: TRANSPORT TRUCK
HWY # 417 AT ROCHESTER EXIT. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON

Database:
SPL

Ref No:	172543	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/10/1999	Client Type:	
Year:		Sector Type:	
Incident Cause:	OTHER CONTAINER LEAK	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:		Site Name:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20101
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	FD
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	9/10/1999	Site Map Datum:	

Dt Document Closed:
SAC Action Class:
Incident Reason: ADVERSE ROAD CONDITION
Incident Summary: PROVIGO DISTRIBUTION-20 LDIESEL FROM TRUCK AT HWY EXIT,FD, WILL CLEANUP.

Site: HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL> Ottawa ON **Database:** SPL

Ref No:	5448-5KXU3S	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	3/24/2003	Client Type:	
Year:		Sector Type:	
Incident Cause:		Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	15	Site Name:	HWY 417 ONRAMP AT TERRY FOX EXIT<UNOFFICIAL>
Contaminant Name:	HYDRAULIC OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	68 L	Site Region:	Eastern
Environment Impact:	Possible	Site Municipality:	Ottawa
Nature of Impact:	Soil Contamination	Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	3/24/2003	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Spill to Land		
Incident Reason:			
Incident Summary:	Dundas Drilling- 68 L hydr.oil to ditch, cleaning		

Site: CITY OF OTTAWA SNOW PLOW<UNOFFICIAL> TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL> Ottawa ON **Database:** SPL

Ref No:	0881-5HS47B	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	1/13/2003	Client Type:	
Year:		Sector Type:	
Incident Cause:	Container Leak (Fuel Tank Barrels)	Source Type:	
Incident Event:		Nearest Watercourse:	
Contaminant Code:	13	Site Name:	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	180 L	Site Region:	Eastern
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	1/13/2003	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:	Spill to Land		
Incident Reason:	Error- Operator error		
Incident Summary:	CITY OF OTTAWA - 180 L OF DIESEL FUEL TO GROUND.		

Site: S. 21(1)(f) Hwy 417 E between Vanier Parkway and St. Laurent<UNOFFICIAL> Ottawa ON **Database:** SPL

Ref No:	1301-6XAFSY	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:		Client Type:	
Year:		Sector Type:	Other Motor Vehicle
Incident Cause:	Other Transport Accident	Source Type:	
Incident Event:		Nearest Watercourse:	Hwy 417 E between Vanier Parkway and St. Laurent<UNOFFICIAL>
Contaminant Code:	13	Site Name:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	150 L	Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:	No Field Response	Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	1/9/2007	Site Map Datum:	
Dt Document Closed:	2/23/2007		
SAC Action Class:			
Incident Reason:			
Incident Summary:	Andleaur Transp & S. 21(1)(f) - 150 L diesel to Hwy and sewer		

Site: **417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL> Ottawa ON** **Database:** **SPL**

Ref No:	1151-5R4LZR	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	9/5/2003	Client Type:	
Year:		Sector Type:	Other
Incident Cause:	Other Discharges	Source Type:	
Incident Event:		Nearest Watercourse:	417 EASTBOUND - NICHOLAS ON RAMP<UNOFFICIAL>
Contaminant Code:	13	Site Name:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site County/District:	
Contaminant UN No 1:		Site Postal Code:	
Contaminant Qty:	100 L	Site Region:	Eastern
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
Health/Env Conseq:		Easting:	
MOE Response:		Site Geo Ref Accu:	
Dt MOE Arvl on Scn:		Site Geo Ref Meth:	
MOE Reported Dt:	9/5/2003	Site Map Datum:	
Dt Document Closed:			
SAC Action Class:			
Incident Reason:	Other - Reason not otherwise defined		
Incident Summary:	Hwy 417 - diesel spill		

Site: **Enbridge Gas Distribution Inc. HWY 417 at Vars Bridge Ottawa ON** **Database:** **SPL**

Ref No:	6748-7X7R4U	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Client Type:	
Year:		Sector Type:	
Incident Cause:		Source Type:	
Incident Event:		Nearest Watercourse:	HWY 417 at Vars Bridge<UNOFFICIAL>
Contaminant Code:	46	Site Name:	
Contaminant Name:	USED MOTOR OIL	Site Address:	

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 30 L
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/26/2009
Dt Document Closed: 1/8/2010
SAC Action Class: Highway Spills (usually highway accidents)
Incident Reason:
Incident Summary: Motor Vehicle-30 L Used Motor Oil to Hwy 417.

Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Ottawa LRT <UNOFFICIAL>
 Hwy 417 near Lees Avenue Ottawa ON

Database:
 SPL

Ref No: 0640-9MYHCJ
Site No: NA
Incident Dt: 2014/08/07
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 15

Discharger Report:
Material Group:
Client Type:
Sector Type: Pipeline/Components
Source Type:
Nearest Watercourse:
Site Name: highway construction site Hwy 417 at Hurdman Bridge<UNOFFICIAL>
 Hwy 417 near Lees Avenue

Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 15 L
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/08/14
Dt Document Closed:
SAC Action Class: Land Spills
Incident Reason: Equipment Failure
Incident Summary: Ottawa LRT: late report of hyd oil spill to grnd

Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Glenview Iron and Steel Ltd.<UNOFFICIAL>
 Hwy 417 - Woodroffe W. Bnd, On-Ramp Ottawa ON

Database:
 SPL

Ref No: 0000-5NA2HN
Site No:
Incident Dt: 6/6/2003
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13

Discharger Report:
Material Group: Oil
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: HWY 417 - WOODROFFE W. BND, ON-RAMP<UNOFFICIAL>

Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 50 L
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
Health/Env Conseq:

Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:

MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/6/2003
Dt Document Closed:
SAC Action Class: Spill to Highway (Accident); Spill to Land
Incident Reason:
Incident Summary: Ottawa Hwy 417 - MVA, diesel to ditch

Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Hwy 417 Under Overpass @ Castlefrank Road Ottawa ON

Database:
SPL

Ref No: 7705-67XN2B
Site No:
Incident Dt: 12/22/2004
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: Confirmed
Nature of Impact: Groundwater Pollution; Other Impact(s); Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/23/2004
Dt Document Closed:
SAC Action Class:
Incident Reason: Weather
Incident Summary: MVA: 200L diesel to Ditch

Discharger Report:
Material Group: Oil
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: MVA<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region: Eastern
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site: Unisource Canada, Inc.
 HWY 417-West near Km 117 on the Vanier Prk Way, Ottawa ON

Database:
SPL

Ref No: 5066-7B6KDT
Site No:
Incident Dt:
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 250 L
Environment Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/24/2008
Dt Document Closed: 2/22/2008
SAC Action Class: Highway Spills (usually highway accidents)
Incident Reason: Unknown - Reason not determined
Incident Summary: TT MVA- >250L diesel HWY 417 W/ Drain-all to clean up spill.

Discharger Report:
Material Group:
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: MVA of a 10 ton truck<UNOFFICIAL>
Site Address:
Site District Office: Ottawa
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site:**central transit way adjacent to hwy 417 between nicholas ave and lees ave Ottawa ON****Database:**
SPL

Ref No: 8444-9FTKCZ
Site No:
Incident Dt: 2014/01/29
Year:
Incident Cause: Unknown / N/A
Incident Event:
Contaminant Code: 99
Contaminant Name: WATER

Discharger Report:
Material Group:
Client Type:
Sector Type: Unknown / N/A
Source Type:
Nearest Watercourse:
Site Name: Construction job site<UNOFFICIAL>
Site Address: central transit way adjacent to hwy 417
between nicholas ave and lees ave

Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 200 L
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response: Referral to others
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/01/29
Dt Document Closed:
SAC Action Class: Land Spills
Incident Reason: Unknown / N/A
Incident Summary: RW Tomlinson: Dewatering to CB,

Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site:**Hwy 417 to the corner of Rideau and King Edward Ottawa ON****Database:**
SPL

Ref No: 5750-74BMWG
Site No:
Incident Dt:
Year:
Incident Cause: Unknown
Incident Event:
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 50 L
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s)
Receiving Medium: Land
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/19/2007
Dt Document Closed: 12/8/2007
SAC Action Class:
Incident Reason: Unknown - Reason not determined
Incident Summary: UnknTransport Truck: 50L Oil to Road, Cln

Discharger Report:
Material Group: Oil
Client Type:
Sector Type: Transport Truck
Source Type:
Nearest Watercourse:
Site Name: Oil Spill on the road<UNOFFICIAL>
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site:**Purolator Courier Ltd.
Hwy 417 Eastbound @ Mile Marker 180 Ottawa ON****Database:**
SPL

Ref No: 8553-8S9HPE
Site No:
Incident Dt: 10-MAR-12
Year:
Incident Cause: Other Transport Accident
Incident Event:
Contaminant Code: 13

Discharger Report:
Material Group:
Client Type:
Sector Type:
Source Type:
Nearest Watercourse:
Site Name: Transport Truck Accident<UNOFFICIAL>

Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty:
Environment Impact: Not Anticipated
Nature of Impact: Other Impact(s); Soil Contamination
Receiving Medium: Sewage - Municipal/Private and Commercial
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10-MAR-12
Dt Document Closed:
SAC Action Class: Land Spills
Incident Reason: Spill
Incident Summary: TT Accident: 300L to grnd

Site Address: Hwy 417 Eastbound @ Mile Marker 180
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site:
 417 eastbound, east of exit 104 Ottawa ON

Database:
 SPL

Ref No: 2172-9F4M4N
Site No:
Incident Dt: 2014/01/06
Year:
Incident Cause: Leak/Break
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 100 L
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 2014/01/06
Dt Document Closed:
SAC Action Class: Land Spills
Incident Reason: Weather Conditions
Incident Summary: Day & Ross: diesel on Hwy 417 exit 104

Discharger Report:
Material Group:
Client Type:
Sector Type: Motor Vehicle
Source Type:
Nearest Watercourse:
Site Name: MVA<UNOFFICIAL>
Site Address: 417 eastbound, east of exit 104
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

Site:
 Hwy 417 at Hurdman Bridge, SW Corner Ottawa ON

Database:
 SPL

Ref No: 6747-9RDR6G
Site No: NA
Incident Dt: 2014/12/01
Year:
Incident Cause: Unknown / N/A
Incident Event:
Contaminant Code: 13
Contaminant Name: HYDROCARBON LIGHT
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 4 L
Environment Impact:
Nature of Impact: Land
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response: N

Discharger Report:
Material Group:
Client Type:
Sector Type: Unknown / N/A
Source Type:
Nearest Watercourse:
Site Name: Ottawa LRT Project <UNOFFICIAL>
Site Address: Hwy 417 at Hurdman Bridge, SW Corner
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing: 5029450
Easting: 448057
Site Geo Ref Accu:

<i>Dt MOE Arvl on Scn:</i>		<i>Site Geo Ref Meth:</i>
<i>MOE Reported Dt:</i>	2014/12/01	<i>Site Map Datum:</i>
<i>Dt Document Closed:</i>		
<i>SAC Action Class:</i>	Land Spills	
<i>Incident Reason:</i>	Unknown / N/A	
<i>Incident Summary:</i>	Ottawa LRT Project - 4L petroleum to grd, cleaning	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

AGR

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 2017

Abandoned Mine Information System:

Provincial

AMIS

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private

ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private

AUWR

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

Government Publication Date: 1999-Jan 31, 2018

Borehole:

Provincial

BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial

CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial

CFOT

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

Government Publication Date: Feb 28, 2017

Chemical Register:

Private

CHEM

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

Government Publication Date: 1999-Jan 31, 2018

Compressed Natural Gas Stations:

Private

CNG

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial

CONV

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

Government Publication Date: 1989-Nov 2017

Certificates of Property Use:

Provincial

CPU

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

Government Publication Date: 1994-Feb 28, 2018

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886-Nov 30, 2017

Dry Cleaning Facilities:

Federal

DRYCLEANERS

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

Government Publication Date: Jan 2004-Dec 2016

Environmental Activity and Sector Registry:

Provincial

EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2018

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994-Feb 28, 2018

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Apr 30, 2018

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Feb 28, 2018

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:

Provincial

[EXP](#)

List of facilities with removed tanks which were once registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed automatically fall under the expired facilities inventory held by TSSA.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal

[FCON](#)

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

[FCS](#)

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: Jun 2000-Mar 2018

Fisheries & Oceans Fuel Tanks:

Federal

[FOFT](#)

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

Government Publication Date: 1964-Sep 2017

Fuel Storage Tank:

Provincial

[FST](#)

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-December 31, 2017

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO₂ eq).

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents:

Provincial

[HINC](#)

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:Provincial **INC**

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:Provincial **LIMO**

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Dec 31, 2013

Canadian Mine Locations:Private **MINE**

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Environmental Penalty Annual Report:Provincial **MISA PENALTY**

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, 2017

Mineral Occurrences:Provincial **MNR**

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Jan 2018

National Analysis of Trends in Emergencies System (NATES):Federal **NATE**

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:Provincial **NCPL**

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2016

National Defense & Canadian Forces Fuel Tanks:Federal **NDFT**

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the 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, 2018

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-December 31, 2017

Ontario Oil and Gas Wells:

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSRL 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-Oct 2017

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Feb 28, 2018

Canadian Pulp and Paper:

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents:

Provincial

PINC

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Feb 28, 2018

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2017

Retail Fuel Storage Tanks:

Private

RST

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

Government Publication Date: 1999-Jan 31, 2018

Scott's Manufacturing Directory:

Private

SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Feb 2018

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2016

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011-Apr 30, 2018

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

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

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

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

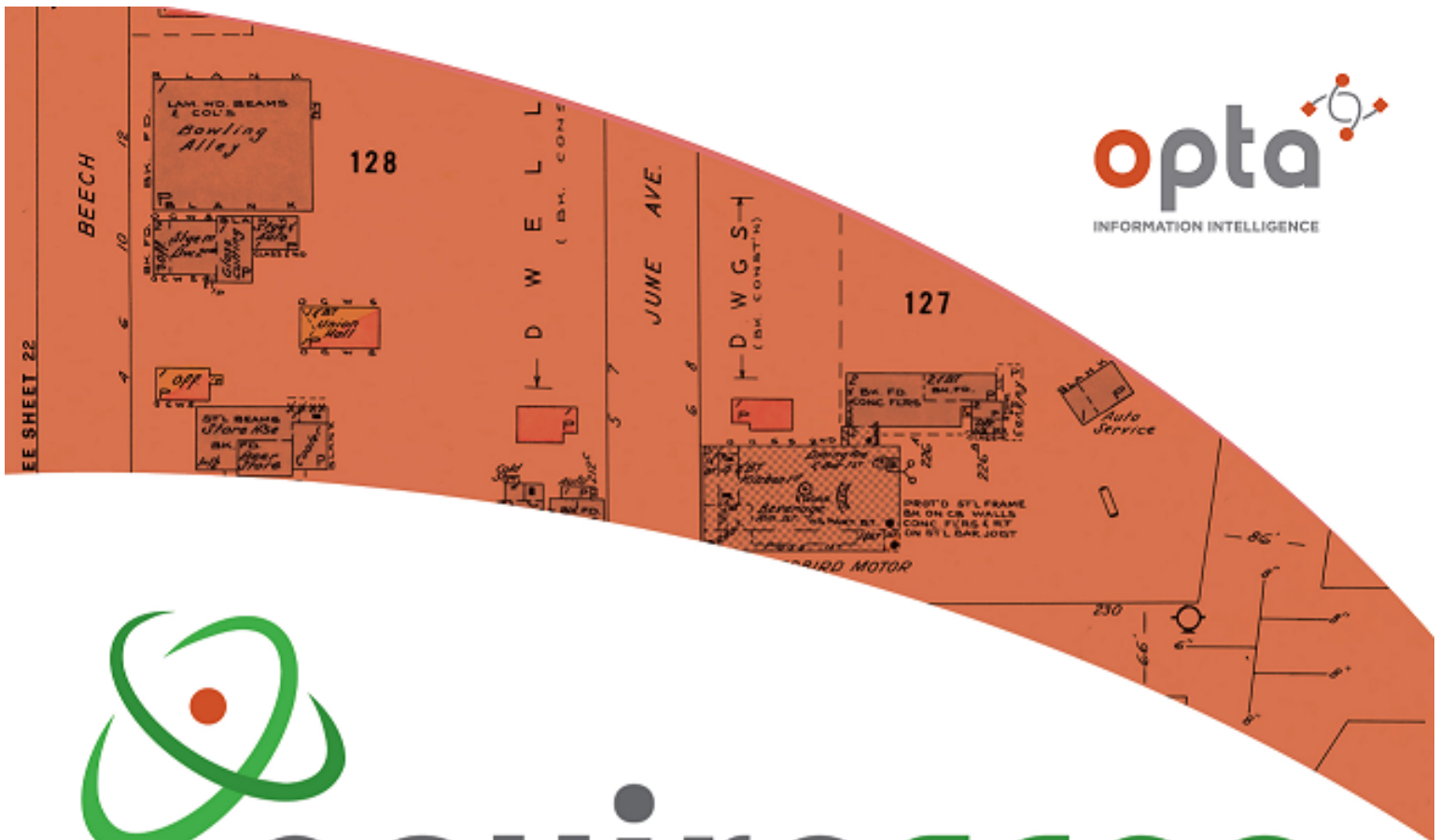
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

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

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

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

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



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Anthony

Site Address:

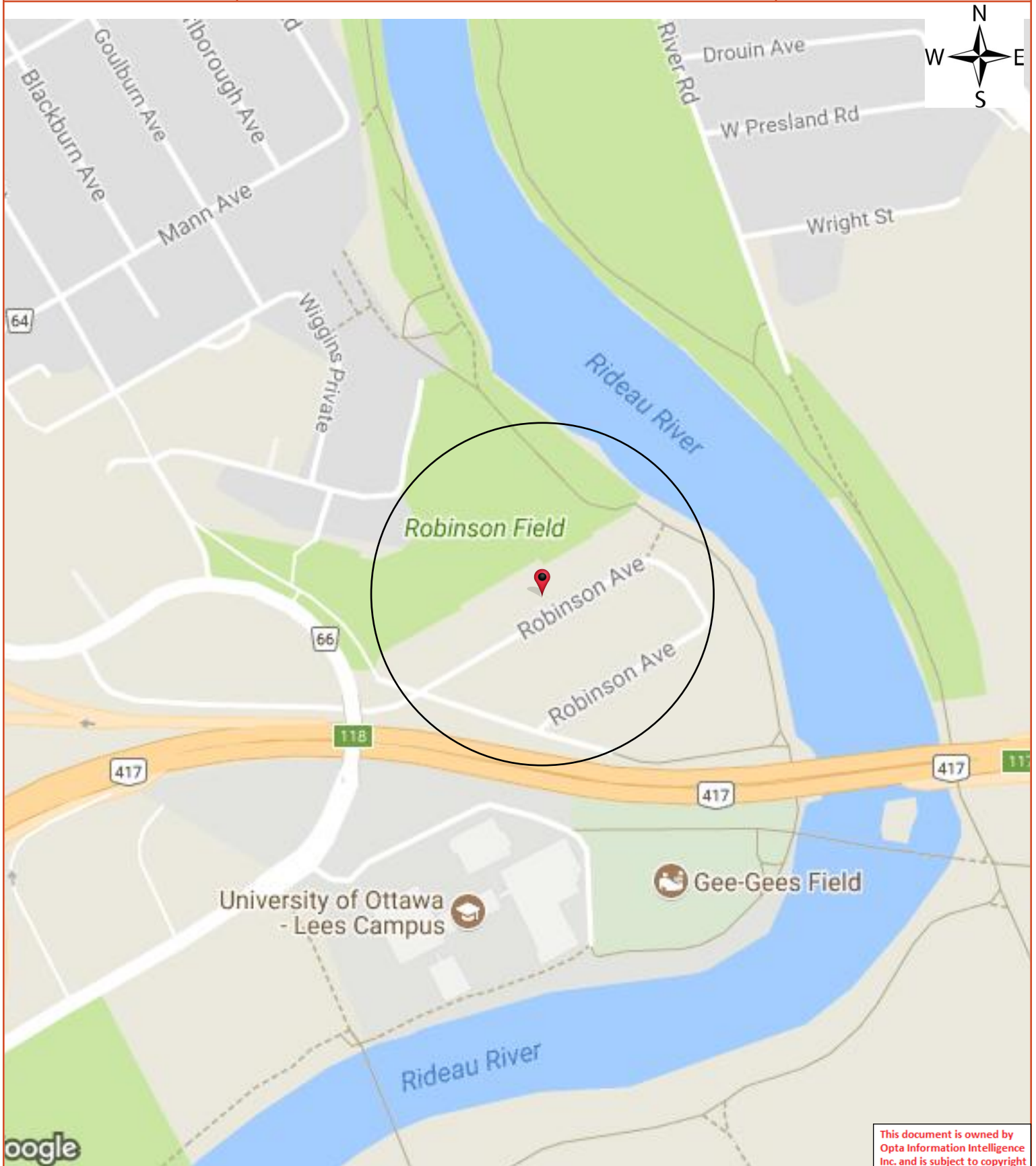
29 Robinson Avenue Ottawa ON
Project No:

20180605194
Opta Order ID:

49832

Requested by:
Eleanor Goolab
Ecolog ERIS

Date Completed:
6/12/2018 9:21:04 AM



Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél.: (416) 314-4075
Téléc.: (416) 314-4285



June 20, 2018

Christine Fisher
Stantec Consulting Ltd.
1331 Clyde Ave, Unit 400
Ottawa, ON K2C 3G4

Dear Christine Fisher:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2018-03976, Your Reference 160401428


This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 27 to 31 Robinson Avenue, Ottawa (Odd#s only).

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Nasreen Salar at nasreen.salar@ontario.ca.

Yours truly,

For: 
Janet Dadufalza
FOI Manager



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

www.tssa.org

Tel: (416) 734-3383

Fax: (416) 231-6183

Email: publicinformationservices@tssa.org

26 September 2018

Elsa Hergel
Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa, ON K2C 3G4

Subject: 31 Robinson Avenue, Ottawa, Ontario
Your File No.: 16040128
SR No.: 2372286

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

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

Yours truly,

Connie Hill
Public Information Services



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

www.tssa.org

Tel: (416) 734-3383

Fax: (416) 231-6183

Email: publicinformationservices@tssa.org

26 September 2018

Elsa Hergel
Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa, ON K2C 3G4

Subject: 29 Robinson Avenue, Ottawa, Ontario
Your File No.: 16040128
SR No.: 2372306

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

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

Yours truly,

Connie Hill
Public Information Services



345 Carlingview Drive
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Tel.: 416.734.3300
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www.tssa.org

Tel: (416) 734-3383

Fax: (416) 231-6183

Email: publicinformationservices@tssa.org

26 September 2018

Elsa Hergel
Stantec Consulting Ltd.
400 – 1331 Clyde Avenue
Ottawa, ON K2C 3G4

Subject: 27 Robinson Avenue, Ottawa, Ontario
Your File No.: 16040128
SR No.: 2372270

Dear Madam/Sir:

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

A search of our records did not produce the requested Fuels Safety documents.

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

Yours truly,

Connie Hill
Public Information Services

CHAIN OF TITLE REPORT

Project # 20180717195
Address: 29 Robinson Avenue, Ottawa
Legal Lot 29 Plan 190
Description:

PIN# 04207-0363 (LT)

Searched at: Ottawa
LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	19 12 1852	Crown	Hammill PINKEY
10035	Deed	20 08 1856	Hammill Pinkey	Martin HEALEY
19195	Deed	06 05 1862	Martin Healey	Robert LEES
17194NP	Deed	12 03 1895	Robert Lees - Estate	Thomas McDERMOTT & Robert ROBINSON
754	Deed	13 06 1901	Thomas McDermott & Robert Robinson	James DOYLE
719471	Deed	31 10 1977	James Doyle - Estate	Marc A. CLERMONT & Robert CLERMONT
NS51875	Deed	07 05 1979	Marc A. Clermont & Robert Clermont	Robert CLERMONT
NS254271	Deed	20 08 1984	Robert Clermont	Marc PARENT & Christine PARENT
N301023	Deed	20 08 1985	Marc Parent & Christine Parent	Vern Clare GEILER & Maureen WOOD
OC2020294	Deed (Present Owner)	01 08 2018	Vern Clare Geiler & Maureen Geiler (Formerly Wood)	Robinson Village GP II Inc.



LAND
REGISTRY
OFFICE #4

04207-0363 (LT)

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

PROPERTY DESCRIPTION: LT 29, PL 190 ; OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK 144

PIN CREATION DATE:
1997/01/27

OWNERS' NAMES
GEILER, VERN CLARE
GEILER, MAUREEN

CAPACITY SHARE
JTEN
JTEN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHRD
EFFECTIVE	2000/07/29	THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/01/27 ON THIS PIN				
WAS REPLACED WITH THE	"PIN CREATION DATE" OF 1997/01/27					
** PRINTOUT	INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/01/24 **					
**SUBJECT,	ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:					
**	SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *					
**	AND ESCHEATS OR FORFEITURE TO THE CROWN.					
**	THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF					
**	IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY					
**	CONVENTION.					
**	ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.					
**DATE OF CONVERSION TO LAND TITLES: 1997/01/27 **						
N301023	1985/08/20	TRANSFER	\$107,000		GEILER, VERN CLARE WOOD, MAUREEN	C
N594459	1991/10/15	CHARGE		*** COMPLETELY DELETED ***	CIBC MORTGAGE CORPORATION	
OC560372	2006/02/02	APL CH NAME OWNER		WOOD, MAUREEN	GEILER, MAUREEN	C
OC560373	2006/02/02	CHARGE	\$200,000	GEILER, VERN CLARE GEILER, MAUREEN	CANADIAN IMPERIAL BANK OF COMMERCE	C
OC1612149	2014/08/21	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADIAN IMPERIAL BANK OF COMMERCE		

REMARKS: N594459.

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

LAND
REGISTRY
OFFICE #4

04207-0363 (LT)

PAGE 2 OF 2
PREPARED FOR bertuccil
ON 2018/08/03 AT 14:54:08

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC2020294	2018/08/01	TRANSFER	\$605,000	GEILER, VERN CLARE GEILER, MAUREEN	ROBINSON VILLAGE GP II INC.	
REMARKS: PLANNING ACT STATEMENTS.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



ÉCHELLE



PROPRIÉTÉ FRANÇHE
PROPRIÉTÉ À BAIL
INTÉRÊT LIMITÉ
PROPRIÉTÉ CONDOMINIALE
MIP RETIÈRE (MIP À JOUR DE LA
CARTE À VENIR)
NUMÉRO DE LA PROPRIÉTÉ
NUMÉRO DE LA PIÈCE
TISSU GÉOGRAPHIQUE
SÉRIALITÉ



CHAIN OF TITLE REPORT

Project # 20180717195
Address: 27 Robinson Avenue, Ottawa
Legal Lot 32 Plan 190
Description:

PIN# 04207-0362 (LT)

Searched at: Ottawa
LRO #: 4

Page 1

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	19 12 1852	Crown	Hammill PINKEY
10035	Deed	20 08 1856	Hammill Pinkey	Martin HEALEY
19195	Deed	06 05 1862	Martin Healey	Robert LEES
17194NP	Deed	12 03 1895	Robert Lees - Estate	Thomas McDERMOTT & Robert ROBINSON
848	Deed	09 09 1902	Robert Robinson	Mary McDERMOTT & Thomas McDERMOTT
971	Deed	06 05 1904	Mary McDermott & Thomas McDermott	James HARVEY
1046	Deed	22 07 1905	James Harvey	Mary McDERMOTT & Thomas McDERMOTT
1052	Deed	26 07 1905	Mary McDermott & Thomas McDermott	Joseph LeBLANC
1501	Deed	05 09 1908	Joseph LeBlanc	Joseph BOUCHER

CHAIN OF TITLE REPORT

Project # 20180717195
Address: 27 Robinson Avenue, Ottawa
Legal Lot 32 Plan 190
Description:

PIN# 04207-0362 (LT)

Searched at: Ottawa
LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
166560	Deed	01 12 1922	Joseph Boucher - Estate	Amanda PROZEAU Olive GRATTON Beatrice HOWARD
184936	Deed	21 08 1926	Amanda Prozeau - Estate Olive Gratton Beatrice Howard	Margaret DOYLE
231397	Tax Deed	24 06 1940	The Treasurer of The City of Ottawa (Margaret Doyle defaulted in Taxes)	The Corporation of The City of Ottawa
247276	Deed	09 06 1944	The Corporation of The City of Ottawa	Jesse PETERSON
254683	Deed	21 09 1945	Jesse Peterson	Robert SWAN
271807	Deed	29 06 1948	Robert Swan	Philip GEORGE
284923	Deed	28 07 1950	Philip George	Paul GEORGE
289186	Deed	02 03 1951	Paul George	Gerard MEUNIER
309220	Deed	22 03 1953	Gerard Meunier	Lionel BISSONNETTE

CHAIN OF TITLE REPORT

Project # 20180717195
Address: 27 Robinson Avenue, Ottawa
Legal Lot 32 Plan 190
Description:

PIN# 04207-0362 (LT)

Searched at: Ottawa
LRO #: 4

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
332681	Deed	03 05 1955	Lionel Bissonnette	Gerard PORTRAS
619242	Deed	29 09 1972	Gerard Portras	Niam SUBHANI & Misbah SUBHANI
694380	Deed	13 08 1976	Niam Subhani & Misbah Subhani	Denis LACELLE & Suzanne LACELLE
707609	Deed	29 04 1977	Denis Lacelle & Suzanne Lacelle	Suzanne LACELLE
NS21386	Deed	19 07 1978	Suzanne Lacelle	Suzanne PEPIN
NS123944	Deed	15 07 1981	Suzanne Pepin	Guy PEPIN & Bernadette PEPIN
N287343	Deed	17 05 1985	Guy Pepin & Bernadette Pepin	Thomas Keith MOFFATT & Noreen Elizabeth MOFFATT
OC1791419	Deed (Present Owner)	31 05 2016	Noreen Elizabeth Moffatt - Estate	Thomas Keith MOFFATT



PROPERTY DESCRIPTION: LT 32, PL 190 ; OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:

LT CONVERSION QUALIFIED
FEE SIMPLE

OWNERS' NAMES

MOFFATT, THOMAS KEITH

RECENTLY:

FIRST CONVERSION FROM BOOK 144

1997/01/27

FIN CREATION DATE:

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
N556025	1990/11/07	CHARGE		*** COMPLETELY DELETED ***	ROYAL BANK OF CANADA	
N448721	1988/07/27	CHARGE		*** COMPLETELY DELETED ***	BENEFICIAL REALTY LTD.	
N349111	1986/08/06	ASSIGNMENT GENERAL		*** COMPLETELY DELETED ***	FINANCIAL TRUST COMPANY	
N349110	1986/08/06	CHARGE		*** COMPLETELY DELETED ***	MOFFATT, THOMAS KEITH MOFFATT, NOREEN ELIZABETH	C
N287343	1985/05/17	TRANSFER	\$115,000			
EFFECTIVE 2000/07/29	THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/01/27 ON THIS PIN					
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/01/27						
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/01/24 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO						
SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
AND ESCHEATS OR FORFEITURE TO THE CROWN.						
THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1997/01/27 **						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
LT1189413	1999/04/13	DISCH OF CHARGE		*** COMPLETELY DELETED *** ROYAL BANK OF CANADA		
LT1190321	1999/04/16	APL (GENERAL)	REMARKS: RE: N556025	*** COMPLETELY DELETED *** MOFFATT, THOMAS KEITH MOFFATT, NOREEN ELIZABETH REMARKS: DELETING 95-083098, 95-083099, 96-085188, 93-073861, 95-081224 & 94-077184		
LT1190394	1999/04/19	CHARGE		*** COMPLETELY DELETED *** MOFFATT, THOMAS KEITH MOFFATT, NOREEN ELIZABETH	CANADA MORTGAGE AND HOUSING CORPORATION	
OC261771	2003/10/23	DISCH OF CHARGE	REMARKS: RE: N349110	*** COMPLETELY DELETED *** THE CENTRAL AND GUARANTY TRUST CORP.		
OC273207	2003/11/21	DISCH OF CHARGE	REMARKS: RE: N448721	*** COMPLETELY DELETED *** CITIFINANCIAL MORTGAGE CORPORATION		
OC1321067	2012/01/03	LIEN		*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
OC1559458	2014/02/14	DISCHARGE INTEREST	REMARKS: TAX LIEN	*** COMPLETELY DELETED *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE		
OC1644150	2014/12/09	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADA MORTGAGE AND HOUSING CORPORATION		
OC1791419	2016/05/31	APL OF SURV-LAND	REMARKS: LT1190394.	MOFFATT, NOREEN ELIZABETH	MOFFATT, THOMAS KEITH	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



4R14139 4R598
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SR7575
0358

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SR9333

04207

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0363

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0364

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ServiceOntario

IMPRIMÉ LE 03 AOÛT 2018 À 14 H 56
MIN 00 S POUR BERTUCCI1

ÉCHELLE



RÉPERTOIRE DES
CARTES FONCIÈRES
OTTAWA-CARLETON(n° 04)

LÉGENDE

- PROPRIÉTÉ FRANCHE
 - PROPRIÉTÉ À BAIL
 - INTÉRÊT LIMITÉ
 - PROPRIÉTÉ CONDOMINIALE
 - NIP RETIRÉ (MISE À JOUR DE LA CARTE À VENIR)
 - NUMÉRO DE LA PROPRIÉTÉ
 - NUMÉRO DE LA PIÈCE
 - TISSU GÉOGRAPHIQUE
 - SERVITUDE
- 0449
08050

CECI N'EST PAS UN PLAN
D'ARPENTAGE

NOTES

EXAMINEZ LES DOCUMENTS DU TITRE POUR UNE INFORMATION COMPLÈTE SUR LA PROPRIÉTÉ, CAR LA CARTE NINDIQUE PEUT-ÊTRE PAS LES DERNIERS ENREGISTREMENTS

CETTE CARTE A ÉTÉ RÉALISÉE À PARTIR DE PLANS ET DE DOCUMENTS ENREGISTRÉS DANS LE SYSTÈME D'ENREGISTREMENT IMMOBILIER ET A ÉTÉ ELABORÉE UNIQUEMENT AUX FINS DE L'INDEXATION DES PROPRIÉTÉS

POUR LES DIMENSIONS DES PROPRIÉTÉS, VOIR LES PLANS ET DOCUMENTS ENREGISTRÉS
SEULES LES PRINCIPALES SERVITUDES SONT INDICUÉES SUR LA CARTE

LES PLANS DE RENVOI SOUS-JACENTS À DES PLANS DE RENVOI PLUS RÉCENTS NE SONT PAS PRÉSENTÉS



Project # 20180717195
Address: 31 Robinson Avenue, Ottawa
Legal Lot 26 Plan 190
Description: _____
PIN# 04207-0364 (LT)

Searched at: Ottawa
LRO #: 4

CHAIN OF TITLE REPORT

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	19 12 1852	Crown	Hammill PINKEY
10035	Deed	20 08 1856	Hammill Pinkey	Martin HEALEY
19195	Deed	06 05 1862	Martin Healey	Robert LEES
17194NP	Deed	12 03 1895	Robert Lees - Estate	Thomas McDERMOTT & Robert ROBINSON
831	Deed	19 06 1902	Thomas McDermott & Robert Robinson	James DOYLE
194329	Deed	15 10 1908	James Doyle	William J. SHEA
277168	Deed	14 04 1948	William J. Shea - Estate	Cecil SHEA
NS193692	Deed	06 06 1983	Cecil Shea - Estate	Fern SHEA
OC426627	Deed	21 01 2005	Fern Shea - Estate	Lionel FAUVEL
OC446769	Deed (Present Owner)	31 03 2005	Lionel Fauvel	Timothy SHEA

LAND
REGISTRY
OFFICE #4

04207-0364 (LT)

PAGE 1 OF 2
PREPARED FOR bertuccil
ON 2018/08/03 AT 14:58:44

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

PROPERTY DESCRIPTION: LT 26, PL 190; OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK 144

PIN CREATION DATE:
1997/01/27

OWNERS' NAMES
SHEA, TIMOTHY

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
<p>**EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1997/01/27 ON THIS PIN**</p> <p>**WAS REPLACED WITH THE "PIN CREATION DATE" OF 1997/01/27**</p> <p>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1997/01/24 **</p> <p>**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:</p> <p>** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *</p> <p>** AND ESCHEATS OR FORFEITURE TO THE CROWN.</p> <p>** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF</p> <p>** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY</p> <p>** CONVENTION.</p> <p>** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.</p> <p>**DATE OF CONVERSION TO LAND TITLES: 1997/01/27 **</p>						
NS193692	1983/06/06	TRANSFER		*** COMPLETELY DELETED ***	SHEA, FERN	
N323024	1986/01/24	CERT LIEN HD ACT		*** COMPLETELY DELETED ***		
LT1374772	2001/04/10	DIS LIEN HD ACT		*** COMPLETELY DELETED ***	CITY OF OTTAWA	
REMARKS: RE: N323024						
OC426627	2005/01/21	TRANSMISSION-LAND		*** COMPLETELY DELETED *** SHEA, FERN	FAUVEL, LIONEL	
OC426628	2005/01/21	APL (GENERAL)		*** COMPLETELY DELETED *** FAUVEL, LIONEL		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



Ontario ServiceOntario

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

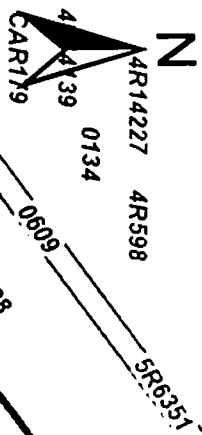
LAND
REGISTRY
OFFICE #4

04207-0364 (LT)

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC446769	2005/03/31	TRANS PERSONAL REP	\$100,000	FAUVEL, LIONEL	SHEA, TIMOTHY	C
OC446770	2005/03/31	CHARGE	\$130,000	SHEA, TIMOTHY	THE BANK OF NOVA SCOTIA	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.



CONDO BLOCK 15299
CARLETON CONDOMINIUM
PLAN 299



IMPRIMÉ LE 03 AOÛT 2018 À 14 H 56
MIN 40 S POUR BERTUCCI1

ServiceOntario

RÉPERTOIRE DES CARTES FONCIÈRES OTTAWA-CARLETON(n° 04)

LÉGENDE

- PROPRIÉTÉ FRANCHE
- PROPRIÉTÉ À BAIL
- INTÉRÊT LIMITÉ
- PROPRIÉTÉ CONDOMINIALE
- NIP RETIRÉ (MISE À JOUR DE LA CARTE À VENIR)
- NUMÉRO DE LA PROPRIÉTÉ
- NUMÉRO DE LA PIÈCE
- TISSU GÉOGRAPHIQUE
- SERVITUDE

CECI N'EST PAS UN PLAN
D'ARPENTAGE

NOTES

EXAMINEZ LES DOCUMENTS DU TITRE POUR UNE INFORMATION COMPLÈTE SUR LA PROPRIÉTÉ, CAR LA CARTE N'INDIQUE PEUT-ÊTRE PAS LES DERNIERS ENREGISTREMENTS

CETTE CARTE A ÉTÉ RÉALISÉE À PARTIR DE PLANS ET DE DOCUMENTS ENREGISTRÉS DANS LE SYSTÈME D'ENREGISTREMENT IMMOBILIER ET A ÉTÉ ÉLABORÉE UNIQUEMENT AUX FINS DE L'INDEXATION DES PROPRIÉTÉS

POUR LES DIMENSIONS DES PROPRIÉTÉS, VOIR LES PLANS ET DOCUMENTS ENREGISTRÉS

SEULES LES PRINCIPALES SERVITUDES SONT INDiquÉES SUR LA CARTE

LES PLANS DE RENVOI SOUS-JACENTS À DES PLANS DE RENVOI PLUS RÉCENTS NE SONT PAS PRÉSENTES





Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.734.3568
Email publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information

Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 160401428 Date: July 18, 2018

Requestor Name: Elsa Hergel		Organization Stantec Consulting Ltd.		For Office Use Only Authorization No. Account No. SR No. P.I No:
Suite/Unit No: 400	Street No: 1331	Street Name: Clyde Avenue		
City: Ottawa	Province: Ontario	Postal Code: K2C 3G4		
Primary Phone: 613-722-4420		Secondary Phone: 613-793-2172		
Email: elsa.hergel@stantec.com		Fax: 613-722-2799		

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☒ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Outstanding instructions, incident reports, fuel oil spills, or contamination records, or records of retail facilities or underground storage tanks licensed or registered at the below address.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form) 27 Robinson Avenue, Ottawa, ON	
Device/equipment Type: _____	Owner: _____
Installation Number: _____	
CRN: _____	OIN: _____ Serial #: _____
Victim Name (if applicable): _____	
Certificate Holder Name (if applicable): _____	Certificate Holder Date of Birth: _____ (DD-MM-YYYY)
Date /period requested:	
<input type="checkbox"/> From (date): _____ to (date) _____	
<input type="checkbox"/> Most recent record	



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.734.3568
Customer Service: 1.877.682.8772
Email publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information

Issued under the Access and Privacy Code

E REASON FOR REQUEST (please explain the reason for your request)

Phase One Environmental Site Assessment

F. TERMS AND CONDITIONS:



Please refer to the link for our Access and Privacy Code [Access and Privacy Code.pdf](#). If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature 	Date July 18, 2018
Please Print and sign before returning to TSSA	

G. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule [Website Fee Schedule.pdf](#)

Payment for single record search is attached (please check if payment attached)

	Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9	COMPLETE FOR CREDIT CARD PAYMENTS	
Card Type:	<input checked="" type="checkbox"/> VISA <input type="checkbox"/> MASTERCARD	Amount of Payment \$	56.50
Card#	4 5 3 7 3 3 6 1 1 0 5 5 3 0 2 3	Expiry Date	10 19
In payment of	Information Request		
Name of Card Holder	Elsa Hergel	Client Tel. No.	613-793-2172
	First Name	Last Name	
Signature of Card Holder		Date	18-07-2018
			(DD-MM-YYYY)

Digitally signed by Elsa Hergel
DN: cn=Elsa Hergel, o=Technical Standards and Safety Authority, email=elsa.hergel@tssa.org, c=CA
Date: 2018.07.18 13:25:11 -0400



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.734.3568
Email: publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information

Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 160401428 Date: July 18, 2018

Requestor Name: Elsa Hergel		Organization Stantec Consulting Ltd.		For Office Use Only Authorization No. Account No. SR No. P.I No:
Suite/Unit No: 400	Street No: 1331	Street Name: Clyde Avenue		
City: Ottawa	Province: Ontario	Postal Code: K2C 3G4		
Primary Phone: 613-722-4420		Secondary Phone: 613-793-2172		
Email: elsa.hergel@stantec.com		Fax: 613-722-2799		

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☒ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Outstanding instructions, incident reports, fuel oil spills, or contamination records, or records of retail facilities or underground storage tanks licensed or registered at the below address.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form) <u>29 Robinson Avenue, Ottawa, ON</u>	
Device/equipment Type: _____	Owner: _____
Installation Number: _____	
CRN: _____	OIN: _____ Serial #: _____
Victim Name (if applicable): _____	
Certificate Holder Name (if applicable): _____	Certificate Holder Date of Birth: _____ (DD-MM-YYYY)
Date /period requested:	
<input type="checkbox"/> From (date): _____ to (date) _____	
<input type="checkbox"/> Most recent record	



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Fax: 416.734.3568
Customer Service: 1.877.682.8772
Email: publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information Issued under the Access and Privacy Code

E. REASON FOR REQUEST (please explain the reason for your request)

Phase One Environmental Site Assessment

F. TERMS AND CONDITIONS:



Please refer to the link for our Access and Privacy Code [Access and Privacy Code.pdf](#). If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature 	Date July 18, 2018
Please Print and sign before returning to TSSA	

G. FEES & PAYMENT:

TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please refer to Fee Schedule [Website Fee Schedule.pdf](#)

Payment for single record search is attached (please check if payment attached)

	Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9	COMPLETE FOR CREDIT CARD PAYMENTS	
Card Type:	<input checked="" type="checkbox"/> VISA <input type="checkbox"/> MASTERCARD	Amount of Payment \$	56.50
Card#	4 5 3 7 3 3 6 1 1 0 5 5 3 0 2 3	Expiry Date	10 19
In payment of	Information Request		
Name of Card Holder	Elsa Hergel	Client Tel. No.	613-793-2172
	First Name	Last Name	
Signature of Card Holder		Date	18-07-2018
			(DD-MM-YYYY)



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.734.3568
Email publicinformation@tssa.org
www.tssa.org

Application for Release of Public Information

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Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 160401428 Date: July 18, 2018

Requestor Name: Elsa Hergel		Organization Stantec Consulting Ltd.		For Office Use Only Authorization No. Account No. SR No. P.I No.
Suite/Unit No: 400	Street No: 1331	Street Name: Clyde Avenue		
City: Ottawa	Province: Ontario	Postal Code: K2C 3G4		
Primary Phone: 613-722-4420		Secondary Phone: 613-793-2172		
Email: elsa.hergel@stantec.com		Fax: 613-722-2799		

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☒ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Outstanding instructions, incident reports, fuel oil spills, or contamination records, or records of retail facilities or underground storage tanks licensed or registered at the below address.

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form) 31 Robinson Avenue, Ottawa, ON	
Device/equipment Type: _____	Owner: _____
Installation Number: _____	
CRN: _____	OIN: _____ Serial #: _____
Victim Name (if applicable): _____	
Certificate Holder Name (if applicable): _____	Certificate Holder Date of Birth: _____ (DD-MM-YYYY)
Date /period requested:	
<input type="checkbox"/> From (date): _____ to (date) _____	
<input type="checkbox"/> Most recent record	



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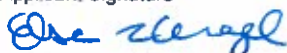
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Name of Card Holder	Elsa Hergel	Client Tel. No.	613-793-2172
	First Name	Last Name	
Signature of Card Holder		Date	18-07-2018
			(DD-MM-YYYY)

Digitally signed by Elsa Hergel
DN: email=Elsa.Hergel@tssa.org, cn=Elsa Hergel, o=Technical Standards and Safety Authority, c=CA
Date: 2018.07.18 15:45:51 -0400